FEB. 1987

PRESS BRAKE(ZII)
RG-25 – RG-125

PARTS LIST

RG-25
(From ser. No.255345)

RG-35S
(From ser. No.353271)

RG-50S
(From ser. No.505772)

RG-50
(From ser. No.505772)

RG-80S
(From ser. No.806872)

RG-80
(From ser. No.806872)

RG-100S
(From ser. No.103065)

RG-100
(From ser. No.103065)

RG-100L
(From ser. No.103065)

RG-125
(From ser. No.01250822)

ORDERING INSTRUCTIONS

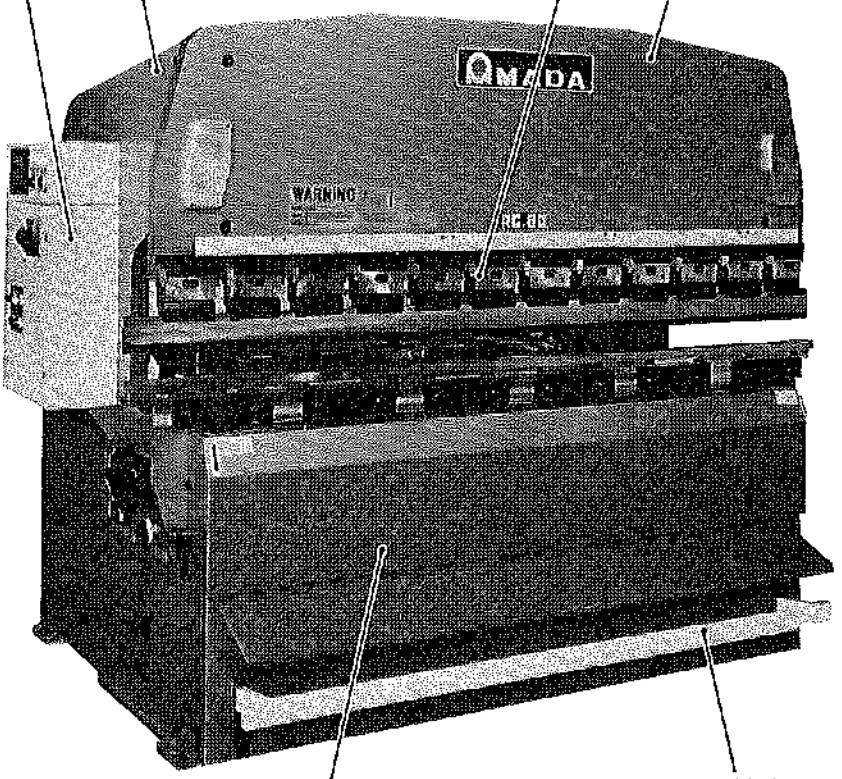
When ordering parts, specify Machine Model, Serial No., Unit No., Index No., Parts No., Parts Name, Drawing No. or Type and Quantity.

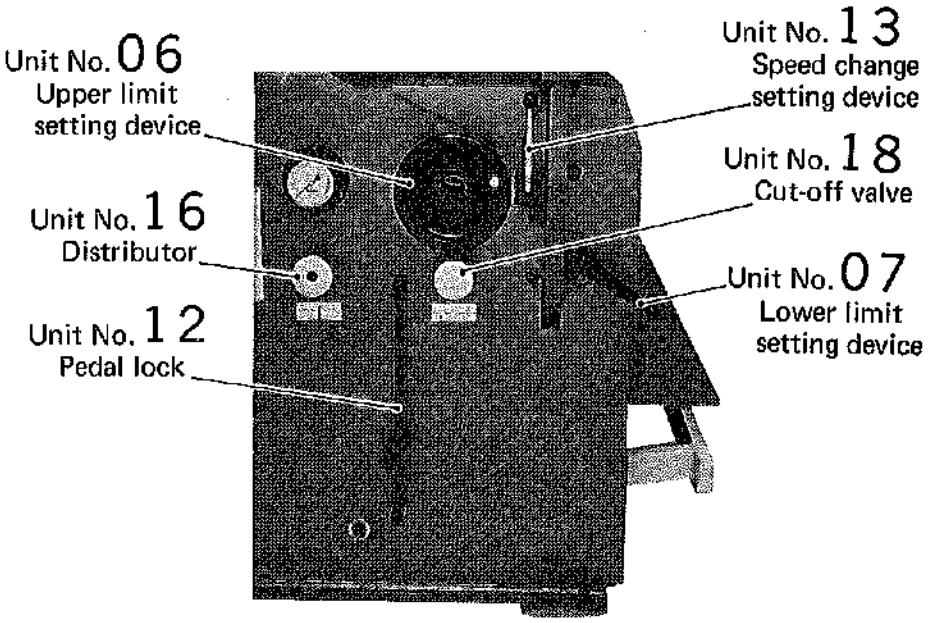
Machine Model: RG-35S

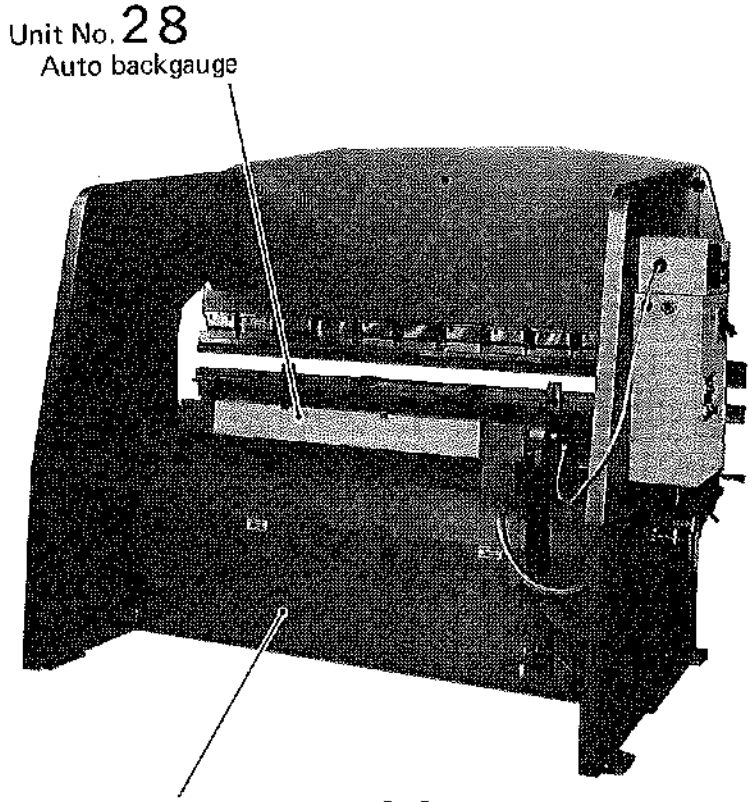
Serial No.: 353271

Unit No.	Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty
19	7	36147418	O-ring	1BP22	1
16	10	36132906	Pressure spring	50.440153.1	1

CONTENTS


Unit No. 01
Machine body
Unit No. 11
Tool holder
Unit No. 02
Upper beam
Unit No. 25
Electric
Unit No. 10
Pedal
Unit No. 03
Lower beam
Unit No. 08
Left-right guide roller
Unit No. 04
Support plate
Unit No. 09
Fore-aft guide roller
Unit No. 05
Upper post
& Unti-rotation
Unit No. 14
Main cylinder
Unit No. 26
Cover
Unit No. 15
Sub-cylinder





Unit No. 17
Sequence valve

Unit No. 19
Check valve

Unit No. 20
Check valve (I)

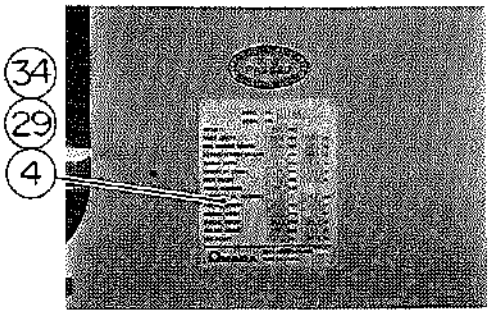
Unit No. 21
Check valve (II)

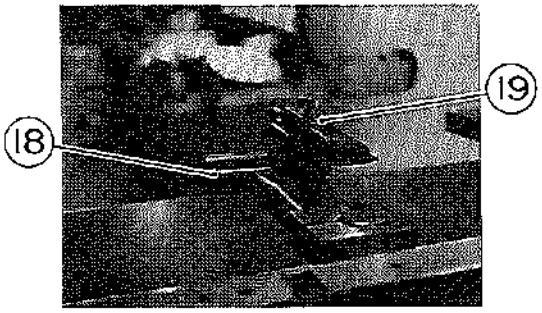
Unit No. 22
Check valve (III)

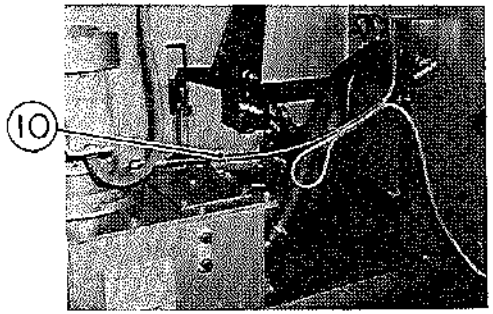
Unit No. 23
Pump unit

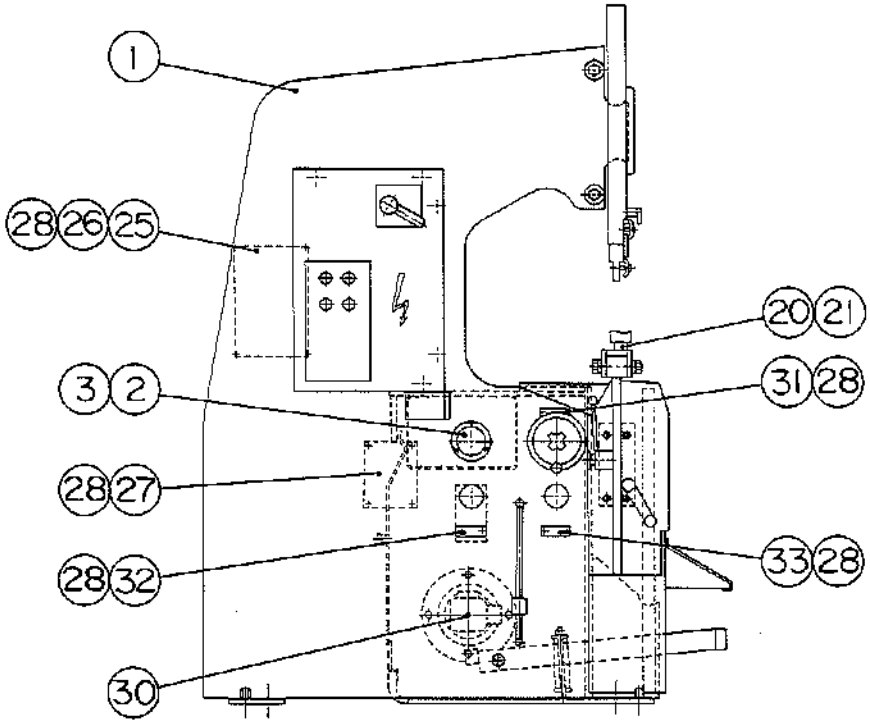
Unit No. 24
Hydraulic piping

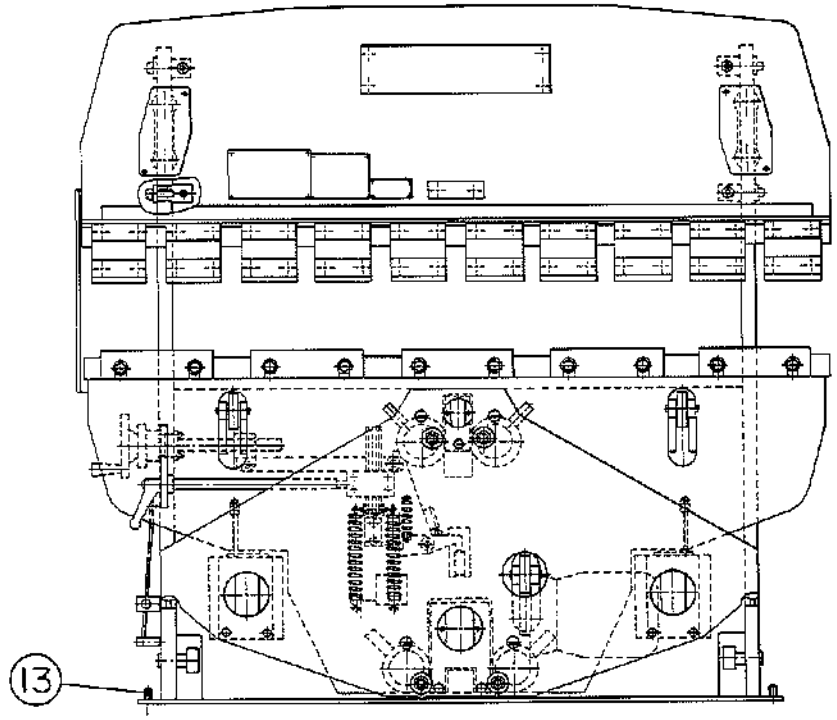
Unit No. 01
Machine body







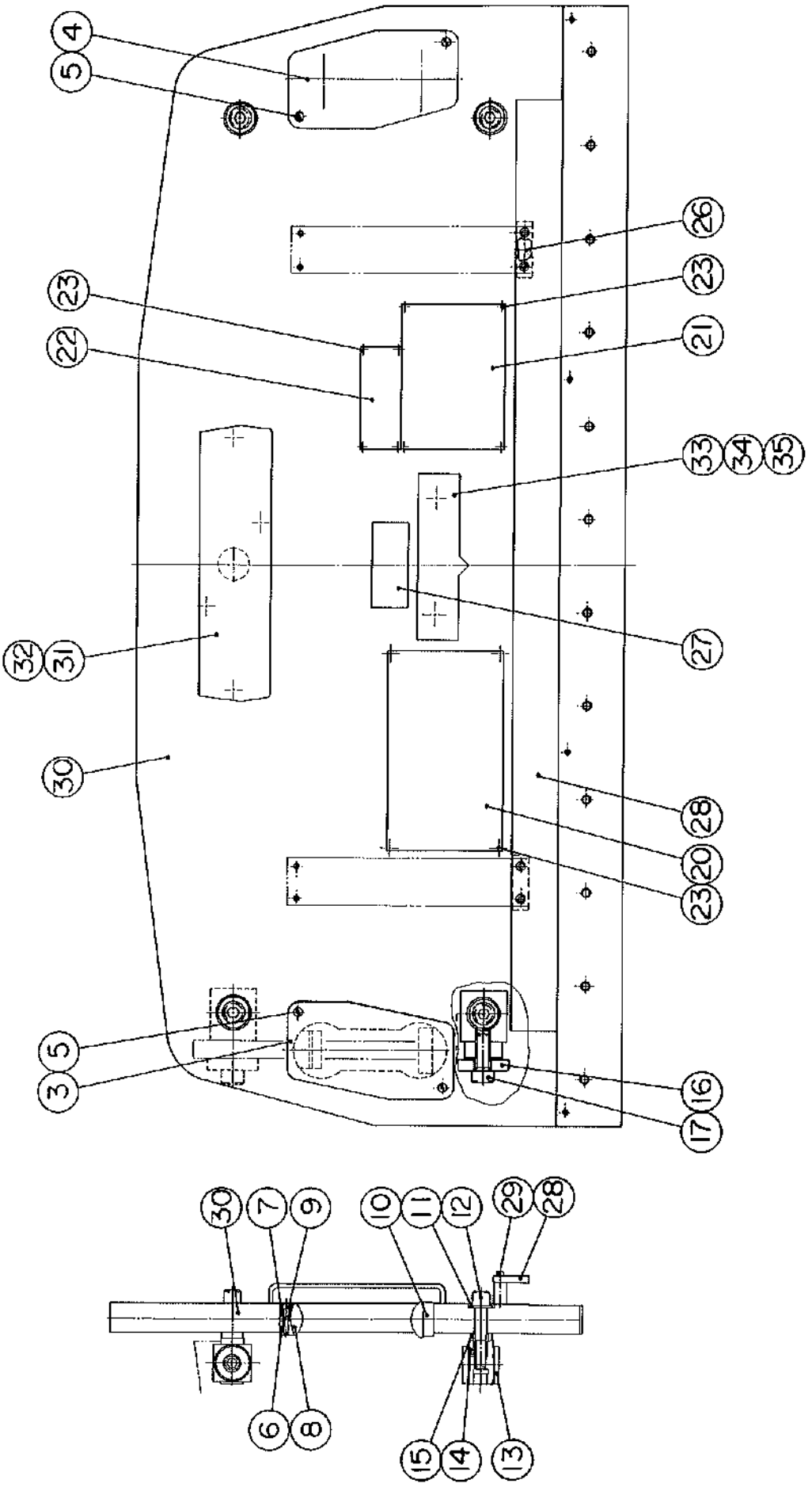




Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36120101	Frame	4124010c	1	–	–	–	–	–	–	–	–	–	
1	36120102	Frame	4124011c	–	1	–	–	–	–	–	–	–	–	
1	36120103	Frame	4124012d	–	–	1	–	–	–	–	–	–	–	
1	36120104	Frame	4124013d	–	–	–	1	–	–	–	–	–	–	
1	36120105	Frame	4124014d	–	–	–	–	1	–	–	–	–	–	
1	36120106	Frame	4124015e	–	–	–	–	–	1	–	–	–	–	
1	36120107	Frame	4124016c	–	–	–	–	–	–	1	–	–	–	
1	36120108	Frame	4124017c	–	–	–	–	–	–	–	1	–	–	
1	36120109	Frame	4124018c	–	–	–	–	–	–	–	–	1	–	
1	36120110	Frame	4124019c	–	–	–	–	–	–	–	–	–	1	
2	36120126 (36109923)	Pressure gauge	4096577a	1	–	–	–	–	–	–	–	–	–	
2	36120127 (36109924)	Pressure gauge	4096578a	–	1	–	–	–	–	–	–	–	–	
2	36120128	Pressure gauge	4124561a	–	–	1	–	–	–	–	–	–	–	
2	36120129 (36109926)	Pressure gauge	4095987a	–	–	–	1	–	–	–	–	–	–	
2	36120130 (36109927)	Pressure gauge	4095988b	–	–	–	–	1	1	–	–	–	–	
2	36120131 (36109928)	Pressure gauge	4096579b	–	–	–	–	–	–	1	1	1	–	
2	36120132	Pressure gauge	4097107b	–	–	–	–	–	–	–	–	–	1	
3	36147310 (74305017)	Pan head machine screw	M5 x 10	3	3	3	3	3	3	3	3	3	3	
4	36120401	Serial plate	4124571	1	–	–	–	–	–	–	–	–	–	
4	36120402	Serial plate	4124572	–	1	–	–	–	–	–	–	–	–	
4	36120403	Serial plate	4124573	–	–	1	–	–	–	–	–	–	–	
4	36120404	Serial plate	4124574	–	–	–	1	–	–	–	–	–	–	
4	36120405	Serial plate	4124575	–	–	–	–	1	–	–	–	–	–	
4	36120406	Serial plate	4124576	–	–	–	–	–	1	–	–	–	–	
4	36120407	Serial plate	4124577	–	–	–	–	–	–	1	–	–	–	
4	36120408	Serial plate	4124578	–	–	–	–	–	–	–	1	–	–	
4	36120409	Serial plate	4124579	–	–	–	–	–	–	–	–	1	–	
4	36120410	Serial plate	4124580	–	–	–	–	–	–	–	–	–	1	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
10	36120221	Eye bolt	561741a	1	1	–	–	–	–	–	–	–	–	
13	36147522	Set screw (dog end)	M20 x 40	3	3	4	4	4	4	4	4	4	4	
18	36120201	Stopper setting stand	57.80000.0	4	4	4	4	4	4	4	4	4	4	
19	36120207	Work stopper	57.85000.0	2	2	2	2	2	2	2	2	2	2	
20	36120213	Die holder (L)	57.86003.0	1	1	2	2	2	3	3	4	5	4	
21	36120214	Die holder (S)	57.86004.0	1	1	1	1	1	–	–	–	–	–	
25	36120515	Bending chart (mm)	4095658c	1	1	1	1	1	1	1	1	1	1	
26	36120516	Bending chart (inch)	4095659c	1	1	1	1	1	1	1	1	1	1	
27	36120522	Conversion table	4095660	1	1	1	1	1	1	1	1	1	1	
28	36148007	Drive screw rivet	ϕ1.8 x 4.8	18	18	18	18	18	18	18	18	18	18	
29	36120421	Serial plate (50 up)	4124581	1	–	–	–	–	–	–	–	–	–	
29	36120422	Serial plate (50 up)	4124582	–	1	–	–	–	–	–	–	–	–	
29	36120423	Serial plate (50 up)	4124583	–	–	1	–	–	–	–	–	–	–	
29	36120424	Serial plate (50 up)	4124584	–	–	–	1	–	–	–	–	–	–	
29	36120425	Serial plate (50 up)	4124585	–	–	–	–	1	–	–	–	–	–	
29	36120426	Serial plate (50 up)	4124586	–	–	–	–	–	1	–	–	–	–	
29	36120427	Serial plate (50 up)	4124587	–	–	–	–	–	–	1	–	–	–	
29	36120428	Serial plate (50 up)	4124588	–	–	–	–	–	–	–	1	–	–	
29	36120429	Serial plate (50 up)	4124589	–	–	–	–	–	–	–	–	1	–	
29	36120430	Serial plate (50 up)	4124590	–	–	–	–	–	–	–	–	–	1	
30	36120527	Sticker (motor)	4134103	1	1	1	1	1	1	1	1	1	1	
31	36120506	Legend plate (upper limit)	4121182a	1	1	1	1	1	1	1	1	1	1	
32	36120507	Legend plate (pressure)	4121183a	1	1	1	1	1	1	1	1	1	1	
33	36120508	Legend plate (cut-off valve)	4121184a	1	1	1	1	1	1	1	1	1	1	
34	36120501	Serial plate (special)	4095661a	1	1	1	1	1	1	1	1	1	1	

Unit No. 02
Upper beam

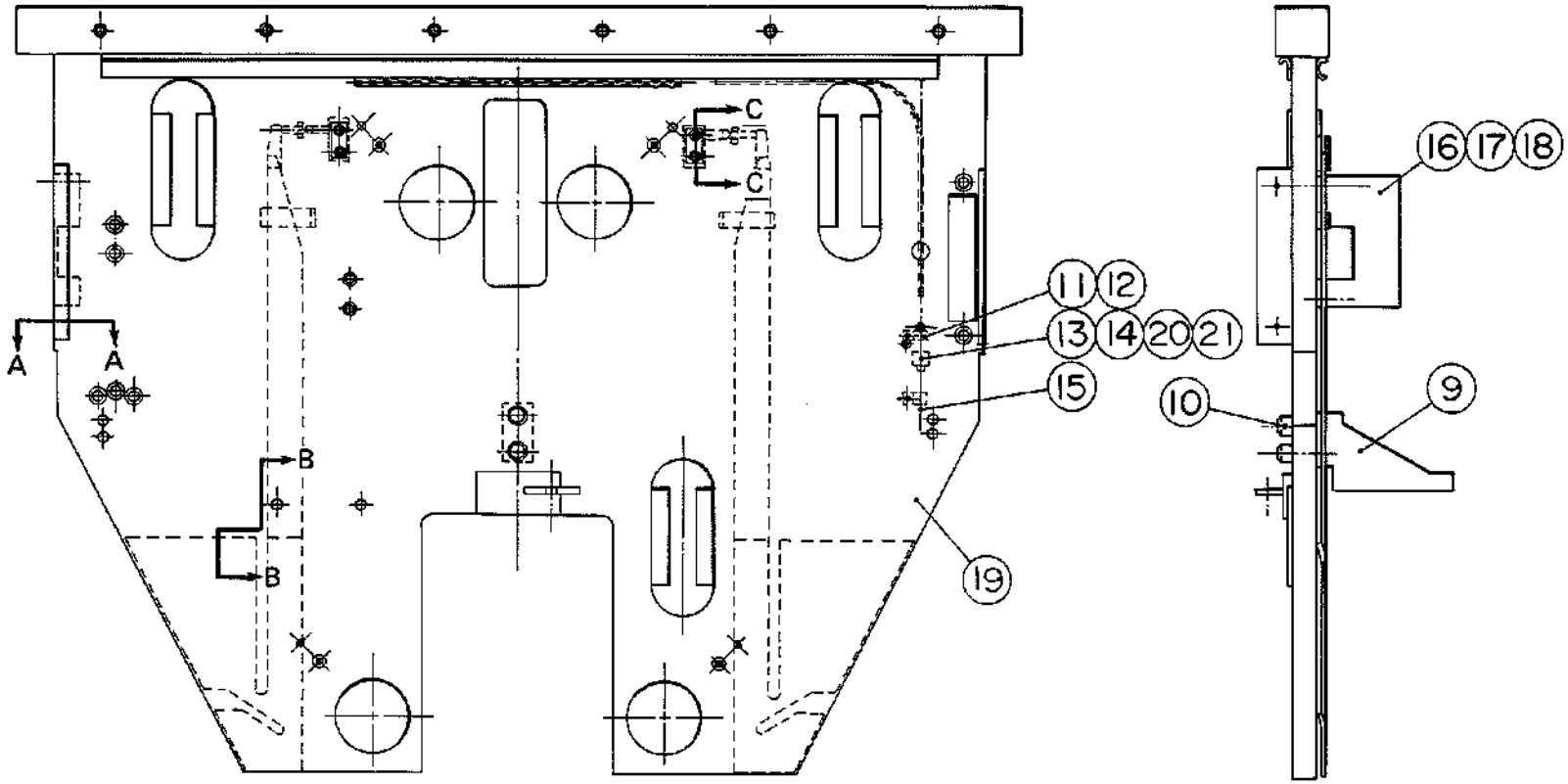


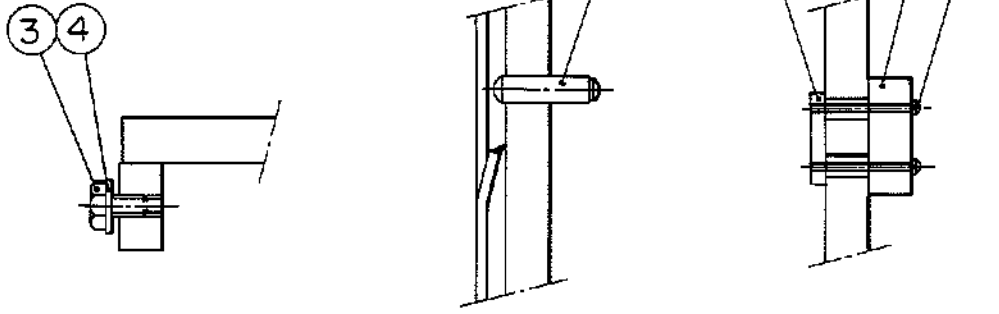
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36121001	Upper beam ass'y	4124020b	1	–	–	–	–	–	–	–	–	–	
1	36121002	Upper beam ass'y	4124021b	–	1	–	–	–	–	–	–	–	–	
1	36121003	Upper beam ass'y	4124022b	–	–	1	–	–	–	–	–	–	–	
1	36121004	Upper beam ass'y	4124023b	–	–	–	1	–	–	–	–	–	–	
1	36121005	Upper beam ass'y	4124024b	–	–	–	–	1	–	–	–	–	–	
1	36121006	Upper beam ass'y	4124025b	–	–	–	–	–	1	–	–	–	–	
1	36121007	Upper beam ass'y	4124026b	–	–	–	–	–	–	1	–	–	–	
1	36121008	Upper beam ass'y	4124027b	–	–	–	–	–	–	–	1	–	–	
1	36121009	Upper beam ass'y	4124028b	–	–	–	–	–	–	–	–	1	–	
1	36121010	Upper beam ass'y	4124029b	–	–	–	–	–	–	–	–	–	1	
3	36121101	Cover (left)	51.27030.0	1	1	–	–	–	–	–	–	–	–	
3	36121102	Cover (left)	51.27035.0	–	–	1	1	1	1	1	1	1	–	
3	36121103	Cover (left)	51.27050.0	–	–	–	–	–	–	–	–	–	1	
4	36121110	Cover (right)	51.27031.0	1	1	–	–	–	–	–	–	–	–	
4	36121111	Cover (right)	51.27036.0	–	–	1	1	1	1	1	1	1	–	
4	36121112	Cover (right)	51.27051.0	–	–	–	–	–	–	–	–	–	1	
5	36147832	Countersink head machine screw	M6 x 25	4	4	–	–	–	–	–	–	–	–	
5	36147833	Countersink head machine screw	M8 x 30	–	–	4	4	4	4	4	4	4	–	
5	36147834	Countersink head machine screw	M8 x 35	–	–	–	–	–	–	–	–	–	4	
6	36121124 (36320819)	Lock piece	51.46319.1	2	2	2	2	–	–	–	–	–	–	
6	36121119 (36107301)	Lock piece	51.46309.2a	–	–	–	–	2	2	2	2	2	2	
7	36121123 (36320817)	Lock piece	51.46318.1	2	2	2	2	–	–	–	–	–	–	
7	36121120 (36320818)	Lock piece	51.46313.2a	–	–	–	–	2	2	2	2	2	2	
8	36121122	Lock piece	51.46317.1a	2	2	2	2	–	–	–	–	–	–	
8	36121121 (36320820)	Lock piece	51.46314.1a	–	–	–	–	2	2	2	2	2	2	
9	36147120 (38020507)	Cap screw	M8 x 35	2	2	2	2	–	–	–	–	–	–	
9	36147132 (36113117)	Cap screw	M10 x 45	–	–	–	–	2	2	2	2	2	2	
10	36121220 (36320824)	Adjusting piece	51.46316.2	4	4	4	4	–	–	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
10	36121219 (36320825)	Adjusting piece	51.46315.2	–	–	–	–	4	4	4	4	4	4	
11	36121212 (36320901)	Washer	4120676	4	4	4	4	4	4	4	4	4	4	
12	36147153	Cap screw	M16 x 90	4	4	4	4	4	4	–	–	–	–	
12	36147154	Cap screw	M16 x 100	–	–	–	–	–	–	4	4	4	4	
13	36121228	Support block	4120195	4	4	–	–	–	–	–	–	–	–	
13	36121227	Support block	4120194	–	–	4	4	4	4	4	4	4	4	
14	36121201	Adjusting screw	51.28056.1	4	4	4	4	4	4	4	4	4	4	
15	36121206	Spherical support	51.46312.0	4	4	4	4	4	4	4	4	4	4	
16	36121211	Washer	51.45042.0	4	4	4	4	4	4	4	4	4	4	
17	36147148 (36321227)	Cap screw	M16 x 40	4	4	4	4	–	–	–	–	–	–	
17	36147152 (10555634)	Cap screw	M16 x 60	–	–	–	–	4	4	4	4	4	4	
20	36121431	Legend plate (warning)	4095870	1	1	1	1	1	1	1	1	1	1	
21	36121433	Legend plate (caution)	4044752c	1	1	1	1	1	1	1	1	1	1	
22	36121432	Legend plate (caution)	4044750	1	1	1	1	1	1	1	1	1	1	
23	36148007	Drive screw rivet	ϕ1.8 x 4.8	12	12	12	12	12	12	12	12	12	12	
26	36121511	Spacer	4098687a	2	2	2	4	4	4	4	4	4	4	
27	36121501	Sticker (1.2 m)	382173	–	1	1	–	–	–	–	–	–	–	
27	36121502	Sticker (2.5 m)	383638	–	–	–	–	–	–	1	–	–	–	
27	36121503	Sticker (4 m)	380513	–	–	–	–	–	–	–	–	1	–	
28	36121515	Plate	4098688	1	1	1	–	–	–	–	–	–	–	
28	36121516	Plate	4098689	–	–	–	1	–	–	–	–	2	–	
28	36121517	Plate	4098690	–	–	–	–	1	1	1	–	–	–	
28	36121518	Plate	4098691	–	–	–	–	–	–	–	2	–	1	
29	36147112 (74314409)	Cap screw	M6 x 50	4	4	4	8	8	8	8	8	8	8	
30	36121025	Upper beam	4127870c	1	–	–	–	–	–	–	–	–	–	
30	36121026	Upper beam	4127881c	–	1	–	–	–	–	–	–	–	–	
30	36121027	Upper beam	4127892c	–	–	1	–	–	–	–	–	–	–	
30	36121028	Upper beam	4127903c	–	–	–	1	–	–	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
30	36121029	Upper beam	4127914c	–	–	–	–	1	–	–	–	–	–	
30	36121030	Upper beam	4127925c	–	–	–	–	–	1	–	–	–	–	
30	36121031	Upper beam	4127936c	–	–	–	–	–	–	1	–	–	–	
30	36121032	Upper beam	4127950c	–	–	–	–	–	–	–	1	–	–	
30	36121033	Upper beam	4127964d	–	–	–	–	–	–	–	–	1	–	
30	36121034	Upper beam	4127978c	–	–	–	–	–	–	–	–	–	1	
31	36121401	Amada plate	7937045	1	1	1	–	–	–	–	–	–	–	
31	36121402	Amada plate	7937046	–	–	–	1	1	1	1	1	1	1	
32	36121420 (36320006)	Holder	7919508	4	4	4	4	4	4	4	4	4	4	
33	36121408	Model plate	4133940	1	–	–	–	–	–	–	–	–	–	
33	36121409	Model plate	4133941	–	1	–	–	–	–	–	–	–	–	
33	36121410	Model plate	4133942	–	–	1	1	–	–	–	–	–	–	
33	36121411	Model plate	4133943	–	–	–	–	1	1	–	–	–	–	
33	36121412	Model plate	4133944	–	–	–	–	–	–	1	1	1	–	
33	36121413	Model plate	4133945	–	–	–	–	–	–	–	–	–	1	
34	36121420 (36320006)	Holder	7919508	2	2	2	2	2	2	3	3	3	3	
35	36121424 (36320019)	Screw	4138468a	2	2	2	2	2	2	3	3	3	3	

Unit No. 03
Lower beam



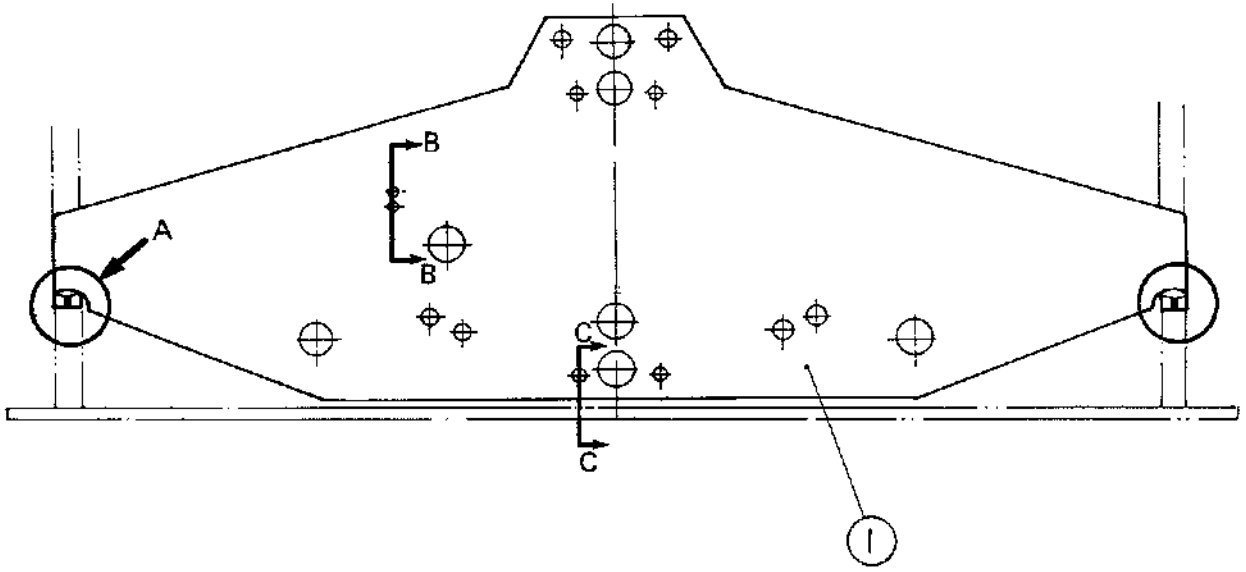


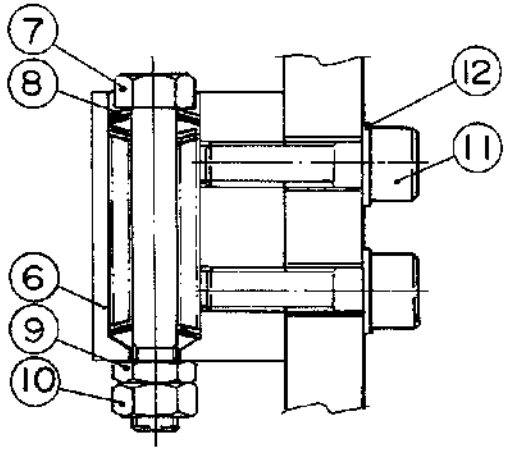
SECTION "A–A" SECTION "B–B" SECTION "C–C"

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
2	36122438	Grooved pin	BX-ϕ12 x 40	2	2	2	2	2	2	2	2	2	2	
3	36147010 (44029703)	Bolt	M10 x 20	4	4	4	8	8	8	8	8	8	8	
4	36147712	Washer	M10 type-2	4	4	4	8	8	8	8	8	8	8	
5	36122201	L.S. setting plate	51.29009.0b	2	2	2	2	2	2	2	2	2	2	
6	36122401 (36322407)	Limit switch	BZ-2RS55-T4-J	2	2	2	2	2	2	2	2	2	2	
7	36147305	Pan head machine screw	M4 x 50	4	4	–	4	4	–	–	–	–	–	
7	36147306	Pan head machine screw	M4 x 60	–	–	4	–	–	4	4	4	4	–	
7	36147307	Pan head machine screw	M4 x 70	–	–	–	–	–	–	–	–	–	4	
8	36147602 (44027327)	Spring washer	M4	4	4	4	4	4	4	4	4	4	4	
9	36122206	Bracket	4095635a	1	1	–	1	1	–	–	–	–	–	
9	36122210	Bracket	4120843a	–	–	1	–	–	–	–	–	–	–	
9	36122207	Bracket	4095636a	–	–	–	–	–	1	–	–	–	–	
9	36122208	Bracket	4096621	–	–	–	–	–	–	1	1	1	–	
9	36122209	Bracket	4097126	–	–	–	–	–	–	–	–	–	1	
10	36147147 (44552004)	Cap screw	M16 x 35	2	2	–	–	–	–	–	–	–	–	
10	36147150 (74314419)	Cap screw	M16 x 50	–	–	2	–	–	–	2	2	2	–	
10	36147148 (36321227)	Cap screw	M16 x 40	–	–	–	2	2	–	–	–	–	–	
10	36147149 (36322121)	Cap screw	M16 x 45	–	–	–	–	–	2	–	–	–	–	
10	36147152 (10555634)	Cap screw	M16 x 60	–	–	–	–	–	–	–	–	–	2	
11	36122428 (44027304)	Saddle	CH-6	2	2	2	2	2	2	2	2	2	2	
12	36147308 (58250511)	Pan head machine screw	M5 x 8	2	2	2	2	2	2	2	2	2	2	
13	36122431	Plug	1-480700-1	1	1	1	1	1	1	1	1	1	1	
14	36122432	Receptacle	1-480701-1	1	1	1	1	1	1	1	1	1	1	
15	36122407	Cable	1.25 mm^2 x 3750ℓ	1	1	1	–	–	–	–	–	–	–	
15	36122408	Cable	1.25 mm^2 x 4500ℓ	–	–	–	1	1	–	–	–	–	–	
15	36122409	Cable	1.25 mm^2 x 7500ℓ	–	–	–	–	–	1	–	–	–	–	
15	36122410	Cable	1.25 mm^2 x 9000ℓ	–	–	–	–	–	–	1	1	–	1	
15	36122411	Cable	1.25 mm^2 x 10500ℓ	–	–	–	–	–	–	–	–	1	–	

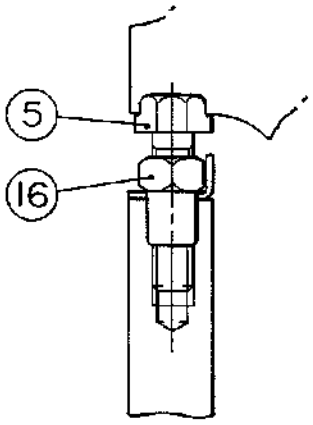
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
16	36122101	Cover (left)	4041781c	1	1	–	–	–	–	–	–	–	–	
16	36122102	Cover (left)	4124267a	–	–	1	–	–	–	–	–	–	–	
16	36122107	Side plate (left)	4124536	–	–	–	1	1	1	–	–	–	–	
16	36122108	Side plate (left)	4124537	–	–	–	–	–	–	1	–	–	–	
16	36122109	Side plate (left)	4124538	–	–	–	–	–	–	–	1	–	–	
16	36122110	Side plate (left)	4124540	–	–	–	–	–	–	–	–	1	–	
16	36122111	Side plate (left)	4124541	–	–	–	–	–	–	–	–	–	1	
17	36147103 (74302812)	Cap screw	M6 x 10	2	2	2	–	–	–	–	–	–	–	
18	36122122	Side plate (right)	4090448	–	–	–	1	1	1	–	–	–	–	
18	36122123	Side plate (right)	4090451	–	–	–	–	–	–	1	–	–	–	
18	36122124	Side plate (right)	4090454a	–	–	–	–	–	–	–	1	–	–	
18	36122125	Side plate (right)	4090456	–	–	–	–	–	–	–	–	1	–	
18	36122126	Side plate (right)	4090460a	–	–	–	–	–	–	–	–	–	1	
19	36122001	Lower beam	4122660a	1	1	–	–	–	–	–	–	–	–	
19	36122002	Lower beam	4123090b	–	–	1	–	–	–	–	–	–	–	
19	36122003	Lower beam	4040787e	–	–	–	1	–	–	–	–	–	–	
19	36122004	Lower beam	4126752	–	–	–	–	1	–	–	–	–	–	
19	36122005	Lower beam	4041552e	–	–	–	–	–	1	–	–	–	–	
19	36122006	Lower beam	4042062g	–	–	–	–	–	–	1	–	–	–	
19	36122007	Lower beam	4042475g	–	–	–	–	–	–	–	1	–	–	
19	36122008	Lower beam	4042763f	–	–	–	–	–	–	–	–	1	–	
19	36122009	Lower beam	4043722d	–	–	–	–	–	–	–	–	–	1	
20	36122416	Pin	350547-1	3	3	3	–	–	2	–	–	–	–	
20	36122417	Pin	380547-1	–	–	–	2	2	–	2	2	2	2	
21	36122422 (74306812)	Socket	350550-1	3	3	3	–	–	2	–	–	–	–	
21	36122423	Socket	380550-1	–	–	–	2	2	–	2	2	2	2	

Unit No. 04
Support plate



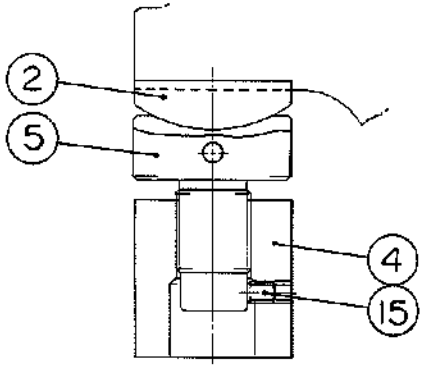


DETAIL "B"

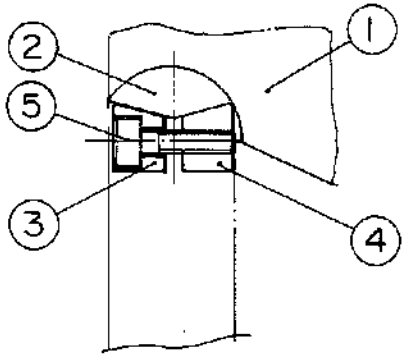


RG-25, 35S

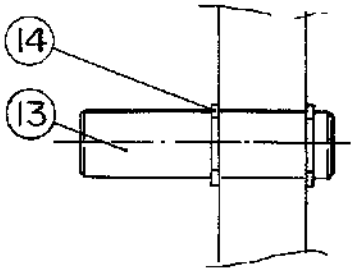
DETAIL "A"



RG-50S, 125



RG-50, 80S, 80, 100S, 100, 100L

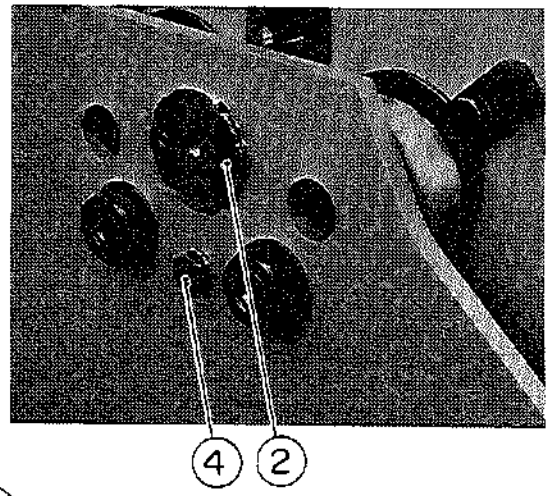


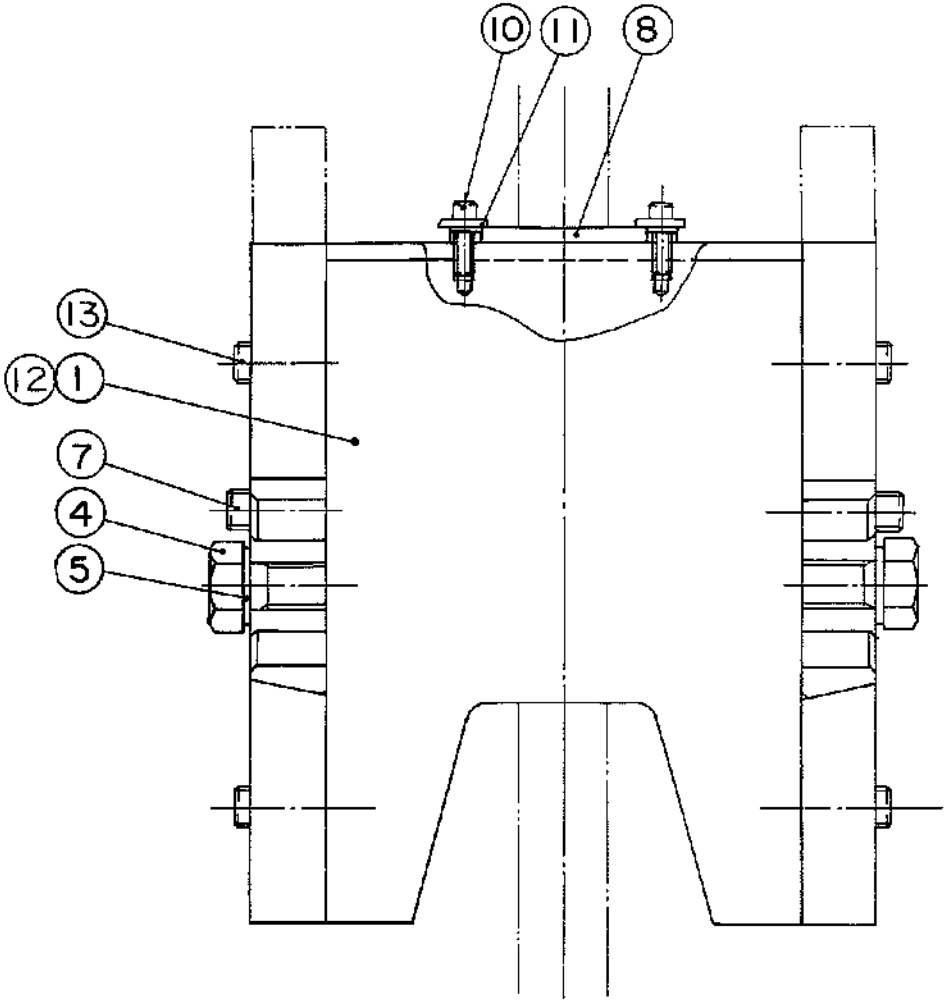
DETAIL "C"

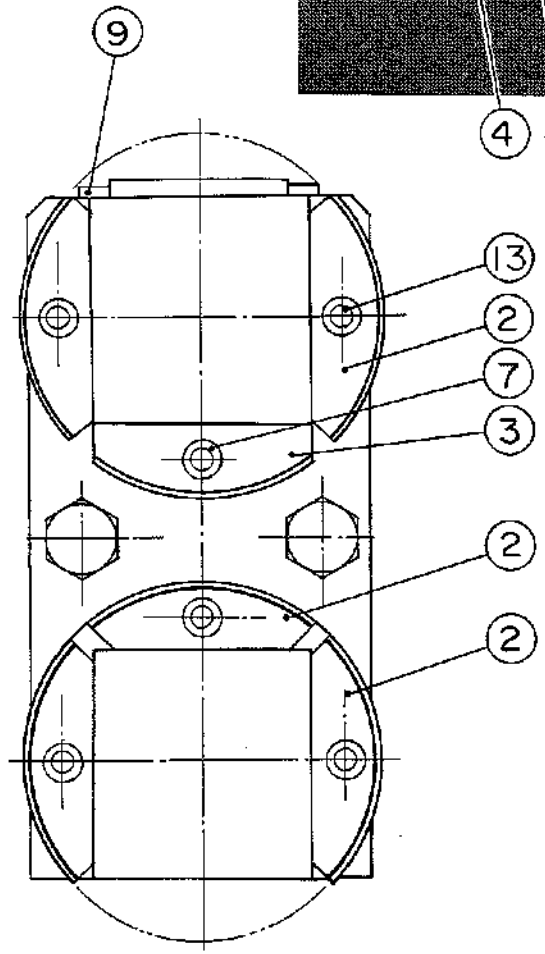
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36122801	Support plate	4090465a	1	1	–	–	–	–	–	–	–	–	
1	36122802	Support plate	4098295a	–	–	1	–	–	–	–	–	–	–	
1	36122803	Support plate	4090469a	–	–	–	1	–	–	–	–	–	–	
1	36122804	Support plate	4090471a	–	–	–	–	1	–	–	–	–	–	
1	36122805	Support plate	4090473a	–	–	–	–	–	1	–	–	–	–	
1	36122806	Support plate	4041768b	–	–	–	–	–	–	1	–	–	–	
1	36122807	Support plate	4042378b	–	–	–	–	–	–	–	1	–	–	
1	36122808	Support plate	4042765c	–	–	–	–	–	–	–	–	1	–	
1	36322809	Support plate	4043726c	–	–	–	–	–	–	–	–	–	1	
2	36122913	Spherical support	385218a	–	–	2	–	–	–	–	–	–	2	
2	36122831	Lock piece	51.46317.1a	–	–	–	2	–	–	–	–	–	–	
2	36122830 (36320820)	Lock piece	51.46314.1a	–	–	–	–	2	2	2	2	2	–	
3	36122832 (36320817)	Lock piece	51.46318.1	–	–	–	2	–	–	–	–	–	–	
3	36122829 (36320818)	Lock piece	51.46313.2a	–	–	–	–	2	2	2	2	2	–	
4	36122917	Female screw	55.02714.3a	–	–	2	–	–	–	–	–	–	2	
4	36122833 (36320819)	Lock piece	51.46319.1	–	–	–	2	–	–	–	–	–	–	
4	36122828 (36107301)	Lock piece	51.46309.2a	–	–	–	–	2	2	2	2	2	–	
5	36122923	Adjusting screw	51.28060.1a	2	2	–	–	–	–	–	–	–	–	
5	36122924	Adjusting screw	55.02762.1a	–	–	2	–	–	–	–	–	–	2	
5	36147120 (38020507)	Cap screw	M8 x 35	–	–	–	2	–	–	–	–	–	–	
5	36147132 (36113117)	Cap screw	M10 x 45	–	–	–	–	2	2	2	2	2	–	
6	36122901	Block	51.15127.2b	1	1	–	1	1	1	–	–	–	–	
6	36122902	Block	4098297	–	–	1	–	–	–	–	–	–	–	
6	36122903	Block	385444a	–	–	–	–	–	–	1	1	1	–	
6	36122904	Block	387832a	–	–	–	–	–	–	–	–	–	1	
7	36147025	Bolt	M12 x 100	1	1	1	1	1	1	2	2	2	2	
8	36148014	Cone disk spring	R-25	44	44	44	44	44	44	88	88	88	88	
9	36147813	Nut	M12 type-3	1	1	1	1	1	1	2	2	2	2	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
10	36147812	Nut	M12 type-2	1	1	1	1	1	1	2	2	2	2	
11	36147147 (44552004)	Cap screw	M16 x 35	2	2	–	–	–	–	–	–	–	–	
11	36147151 (36322122)	Cap screw	M16 x 55	–	–	2	–	–	–	–	–	–	–	
11	36147149 (36322121)	Cap screw	M16 x 45	–	–	–	2	2	2	–	–	–	–	
11	36147150 (74314419)	Cap screw	M16 x 50	–	–	–	–	–	–	4	4	4	–	
11	36147152 (10555634)	Cap screw	M16 x 60	–	–	–	–	–	–	–	–	–	4	
12	36147634	Toothed lock washer	M16	2	2	2	2	2	2	–	–	–	–	
12	36147615 (74302902)	Spring washer	M16	–	–	–	–	–	–	4	4	4	4	
13	36122932	Shaft	51.11057.0	–	–	–	–	–	–	4	4	4	–	
14	36147731 (10001102)	Snap ring	STW-20	–	–	–	–	–	–	8	8	8	–	
15	36147512	Set screw (cup end)	M10 x 16	–	–	2	–	–	–	–	–	–	2	
16	36147817 (36321625)	Nut	M30 type-3	2	2	–	–	–	–	–	–	–	–	

Unit No. 05
Upper post & Unti-rotation

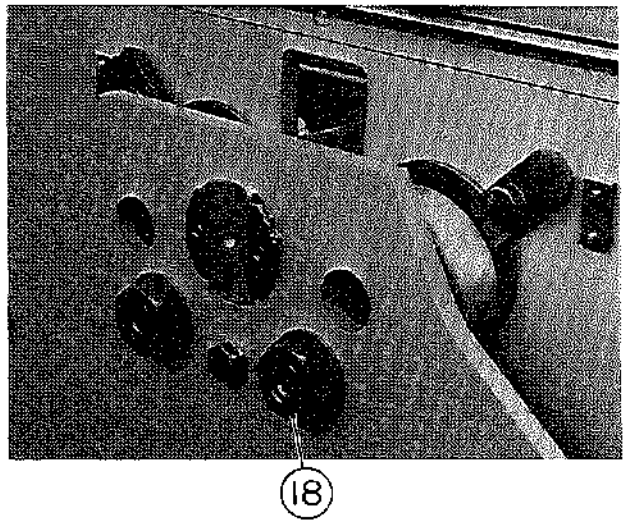


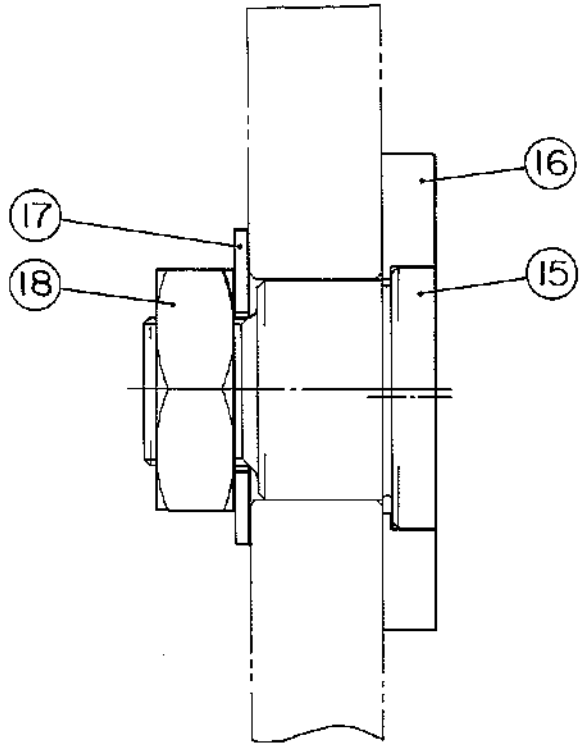




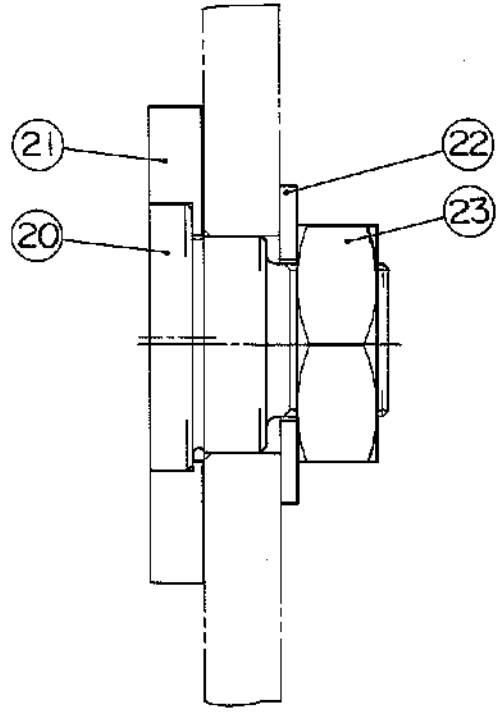
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36123501	Guide post	51.24517.2d	1	1	–	1	1	1	–	–	–	–	
1	36123502	Guide post	4098264a	–	–	1	–	–	–	–	–	–	–	
1	36123503 (36107617)	Guide post	4048588a	–	–	–	–	–	–	1	1	1	–	
1	36123504	Guide post	385368b	–	–	–	–	–	–	–	–	–	1	
2	36123521	Lock piece	51.46309.2	4	4	4	4	4	4	–	–	–	–	
2	36123522	Lock piece	51.46326.0b	–	–	–	–	–	–	10	10	10	10	
3	36123523 (36107612)	Lock piece	4048899	–	–	–	–	–	–	2	2	2	–	
4	36147028	Bolt	M16 × 45	2	2	2	2	2	2	4	4	4	–	
4	36147029	Bolt	M16 × 55	–	–	–	–	–	–	–	–	–	4	
5	36147634	Toothed lock washer	M16	2	2	2	2	2	2	4	4	4	4	
7	36147120 (38020507)	Cap screw	M8 × 35	–	–	–	–	–	–	2	2	2	–	
8	36123601 (44448531)	Rubber cushion	4010990	–	–	–	–	–	–	1	1	1	1	
9	36123607	Guide	386834a	–	–	–	–	–	–	1	1	1	1	
10	36147117 (44235241)	Cap screw	M8 × 20	–	–	–	–	–	–	2	2	2	–	
11	36123613	Washer	4048900	–	–	–	–	–	–	2	2	2	–	
12	36123619	Spacer	4095004	–	–	–	–	–	–	2	2	2	–	
13	36147516	Set screw (dog end)	M8 × 25	4	4	–	4	4	4	–	–	–	–	
13	36147517	Set screw (dog end)	M10 × 25	–	–	4	–	–	–	–	–	–	–	
13	36147520	Set screw (dog end)	M14 × 35	–	–	–	–	–	–	10	10	10	8	

Unit No. 05
Upper post & Unti-rotation



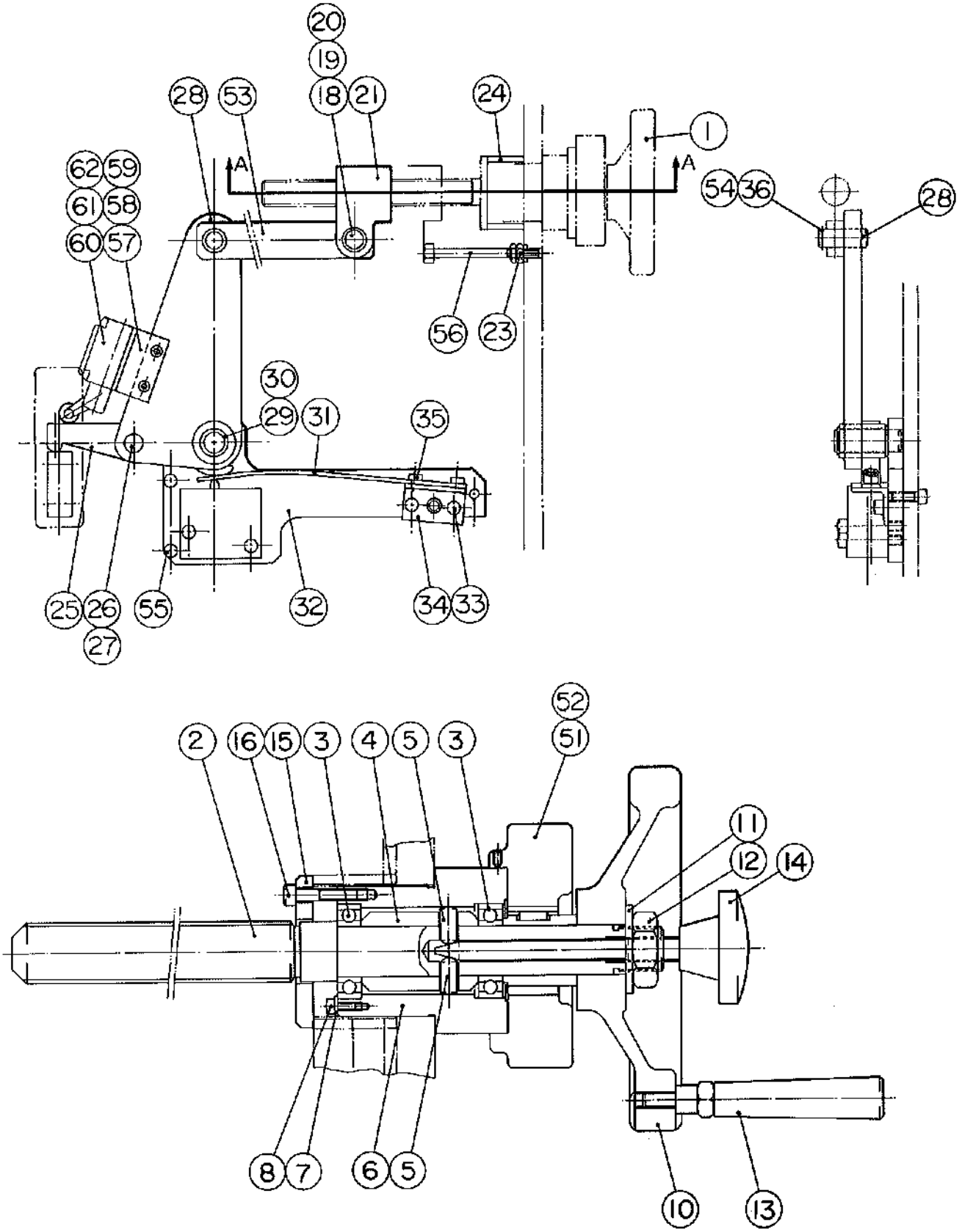


FRONT



REAR

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
14	36123801	Unti-rotation (front) ass'y	51.85156.0a	–	–	4	4	4	–	–	–	–	–	
14	36123802	Unti-rotation (front) ass'y	51.85157.0	–	–	–	–	–	4	–	–	–	–	
15	36123810	Eccentric shaft	51.27510.1	–	–	4	4	4	–	–	–	–	–	
15	36123811	Eccentric shaft	51.27512.1	–	–	–	–	–	4	–	–	–	–	
16	36123901	Plate	51.19019.0	–	–	4	4	4	–	–	–	–	–	
16	36123902	Plate	51.29020.0	–	–	–	–	–	4	–	–	–	–	
17	36148013	Cone disk spring	ϕ63 x ϕ31 x 3.5^t	–	–	4	4	4	4	–	–	–	–	
18	36147818	Nut	M30 x 1.5	–	–	4	4	4	4	–	–	–	–	
19	36123819	Unti-rotation (rear) ass'y	51.85155.0a	8	8	4	4	4	–	–	–	–	–	
19	36123820	Unti-rotation (rear) ass'y	51.85158.0a	–	–	–	–	–	4	–	–	–	–	
20	36123828	Eccentric shaft	51.27509.1a	8	8	4	4	4	–	–	–	–	–	
20	36123829	Eccentric shaft	51.27511.1a	–	–	–	–	–	4	–	–	–	–	
21	36123901	Plate	51.19019.0	8	8	4	4	4	–	–	–	–	–	
21	36123902	Plate	51.19020.0a	–	–	–	–	–	4	–	–	–	–	
22	36148013	Cone disk spring	ϕ63 x ϕ31 x 3.5^t	8	8	4	4	4	4	–	–	–	–	
23	36147818	Nut	M30 x 1.5	8	8	4	4	4	4	–	–	–	–	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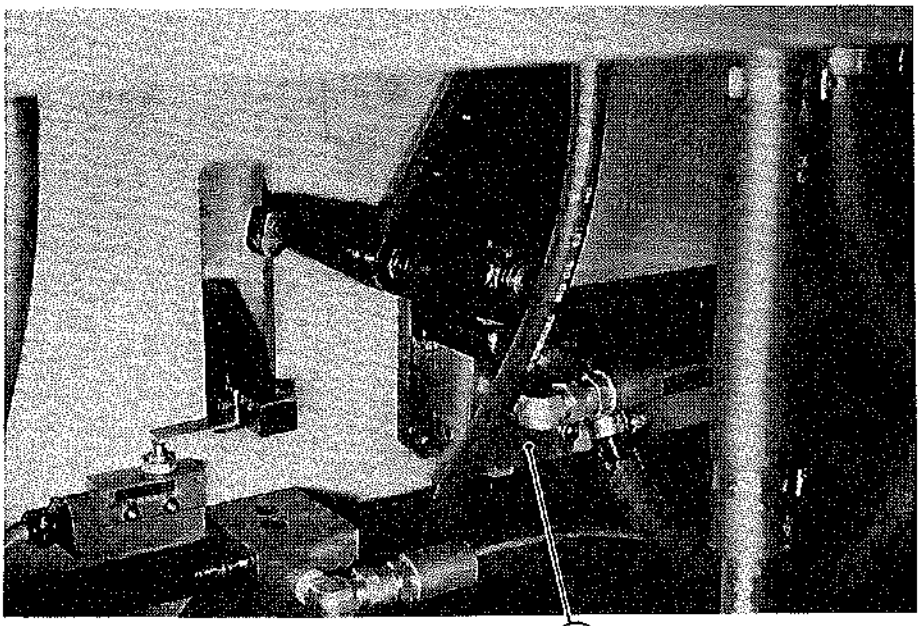
SECTION "A–A"

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36124501	Upper limit setting handwheel ass'y	4123978a	1	1	1	1	1	1	1	1	1	1	
2	36124625	Feed screw	4099871	1	1	1	1	1	1	1	1	1	1	
3	36125101 (58140306)	Ball bearing	#6005ZZ	2	2	2	2	2	2	2	2	2	2	
4	36124631	Collar	4099872	1	1	1	1	1	1	1	1	1	1	
5	36124701	Pin	4099873	2	2	2	2	2	2	2	2	2	2	
6	36124707	Bearing case	4099874b	1	1	1	1	1	1	1	1	1	1	
7	36124733	Washer	4121313a	3	3	3	3	3	3	3	3	3	3	
8	36147101 (74302810)	Cap screw	M5 x 10	3	3	3	3	3	3	3	3	3	3	
10	36124907	Handwheel	563811b	1	1	1	1	1	1	1	1	1	1	
11	36147717	Washer	M22 type-2	1	1	1	1	1	1	1	1	1	1	
12	36147816	Nut	M22 type-3	1	1	1	1	1	1	1	1	1	1	
13	36124514 (36180116)	Lever	563813b	1	1	1	1	1	1	1	1	1	1	
14	36124507	Lock knob	383535a	1	1	1	1	1	1	1	1	1	1	
15	36124713	Retainer	4099877	1	1	1	1	1	1	1	1	1	1	
16	36147109 (74304904)	Cap screw	M6 x 30	3	3	3	3	3	3	3	3	3	3	
18	36124825	Shaft	51.11107.2a	1	1	1	1	1	1	1	1	1	1	
19	36147714	Washer	M20 type-1	2	2	2	2	2	2	2	2	2	2	
20	36147731 (10001102)	Snap ring	STW-20	2	2	2	2	2	2	2	2	2	2	
21	36124831 (36003738)	Carriage	51.18516.2	1	1	1	1	1	1	1	1	1	1	
23	36147809 (36327621)	Nut	M10 type-2	1	1	1	1	1	1	1	1	1	1	
24	36124719	Spacer	4099919	1	–	–	–	–	–	–	–	–	–	
24	36124720	Spacer	4099921	–	1	–	–	–	–	–	–	–	–	
24	36124721	Spacer	4099917	–	–	1	1	–	–	–	–	–	–	
25	36124513	Lever	4040697a	1	1	1	1	1	1	1	1	1	1	
26	36125107 (37116401)	Oilless metal bushing	MB2020DU	1	1	1	1	1	1	1	1	1	1	
27	36147731 (10001102)	Snap ring	STW-20	1	1	1	1	1	1	1	1	1	1	
28	36124522	Lever ass'y	4040703a	1	1	1	1	1	1	1	1	1	1	
29	36125108	Oilless metal bushing	MB2425DU	2	2	2	2	2	2	2	2	2	2	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
30	36147732 (10317509)	Snap ring	STW-24	1	1	1	1	1	1	1	1	1	1	
31	36124901	Spring plate	51.44050.0a	1	1	1	1	1	1	1	1	1	1	
32	36124612	Bracket	4091384	1	1	1	1	1	1	1	1	1	1	
33	36147913	Spring pin	ϕ8 x 22	2	2	2	2	2	2	2	2	2	2	
34	36124618	Angle	4091387a	1	1	1	1	1	1	1	1	1	1	
35	36147126	Cap screw	M10 x 16	3	3	3	3	3	3	3	3	3	3	
36	36147714	Washer	M20 type-1	1	1	1	1	1	1	1	1	1	1	
51	36124914	Digital display unit (inch)	7935073	1	1	1	1	1	1	1	1	1	1	
52	36124913	Digital display unit (mm)	7935072	1	1	1	1	1	1	1	1	1	1	
53	36124527	Connecting bar	4041599	1	1	–	–	–	–	–	–	–	–	
53	36124528	Connecting bar	4098397	–	–	1	–	–	–	–	–	–	–	
53	36124529	Connecting bar	4040702	–	–	–	1	–	–	–	–	–	–	
53	36124530	Connecting bar	4041792	–	–	–	–	1	–	–	–	–	–	
53	36124531	Connecting bar	4041556	–	–	–	–	–	1	–	–	–	–	
53	36124532	Connecting bar	4042266	–	–	–	–	–	–	1	–	–	–	
53	36124533	Connecting bar	4042471	–	–	–	–	–	–	–	1	–	1	
53	36124534	Connecting bar	4042767	–	–	–	–	–	–	–	–	1	–	
54	36147731 (10001102)	Snap ring	STW-20	1	1	1	1	1	1	1	1	1	1	
55	36147141 (44028616)	Cap screw	M12 x 30	3	3	3	3	3	3	–	–	–	–	
55	36147142 (74304917)	Cap screw	M12 x 40	–	–	–	–	–	–	3	3	3	–	
55	36147143 (74302821)	Cap screw	M12 x 45	–	–	–	–	–	–	–	–	–	3	
56	36147021	Bolt	M10 x 130	1	1	–	–	–	–	–	–	–	–	
56	36147020	Bolt	M10 x 110	–	–	1	1	1	–	–	–	–	–	
56	36147019	Bolt	M10 x 100	–	–	–	–	–	1	–	–	–	–	
56	36147018	Bolt	M10 x 75	–	–	–	–	–	–	1	1	1	1	
57	36124606	LS9 setting plate	4049835b	–	–	–	1	1	1	1	1	1	1	
58	36147103 (74302812)	Cap screw	M6 x 10	–	–	–	2	2	2	2	2	2	2	
59	36147608 (36323020)	Spring washer	M6 type-2	–	–	–	2	2	2	2	2	2	2	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
60	36125124	Limit switch	1LS19-J	–	–	–	1	1	1	1	1	1	1	
61	36147312 (10556928)	Pan head machine screw	M5 x 35	–	–	–	4	4	4	4	4	4	4	
62	36147606 (36329924)	Spring washer	M5 type-2	–	–	–	4	4	4	4	4	4	4	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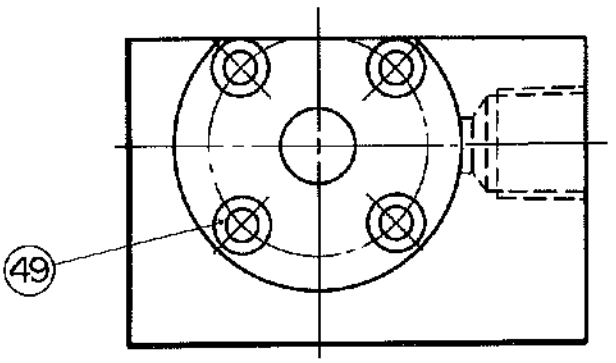
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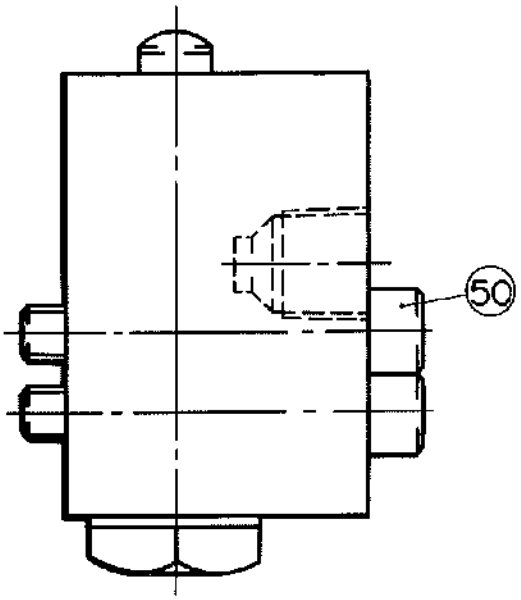
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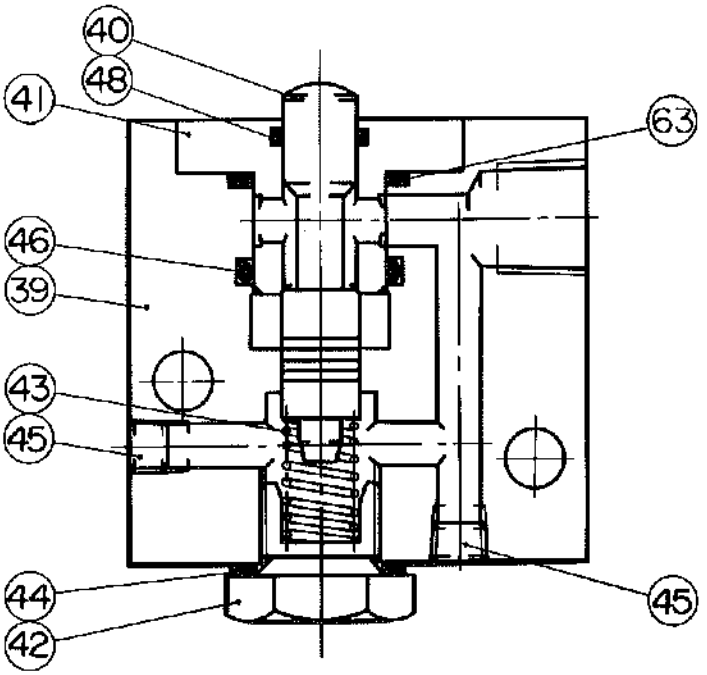
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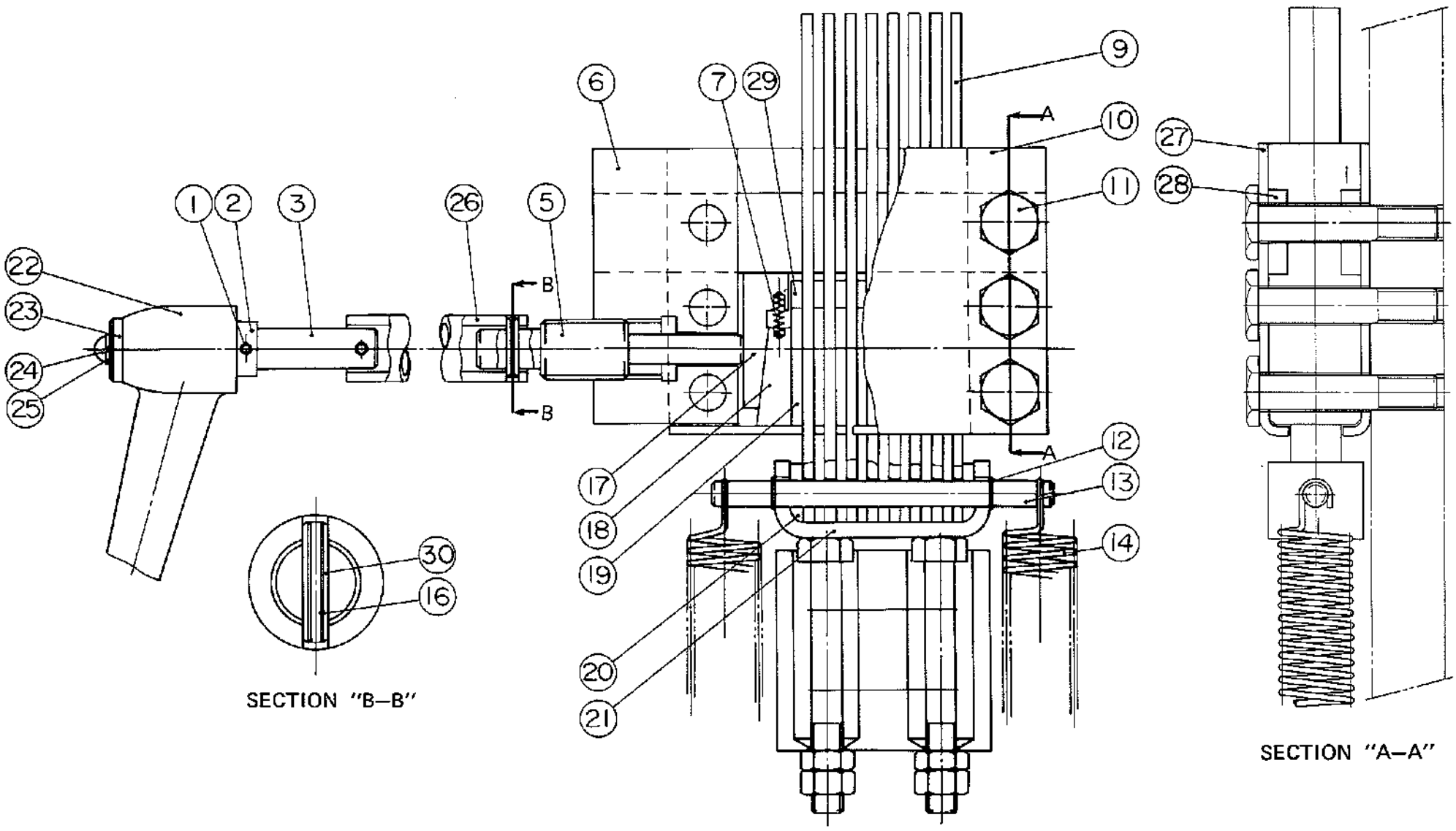
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
38	36124801	Upper limit valve ass'y	4125420c	1	1	1	1	1	1	1	1	1	1	
39	36124807 (36325307)	Valve body	4122110b	1	1	1	1	1	1	1	1	1	1	
40	36124819	Spool	4125421	1	1	1	1	1	1	1	1	1	1	
41	36124813 (36325313)	Valve seat	4122112a	1	1	1	1	1	1	1	1	1	1	
42	36124549 (36325316)	Cap	4044546a	1	1	1	1	1	1	1	1	1	1	
43	36124601 (36325319)	Pressure spring	4044547a	1	1	1	1	1	1	1	1	1	1	
44	36125116 (36325323)	Seal washer	WF-22	1	1	1	1	1	1	1	1	1	1	
45	36138622 (58147621)	Plug	PT 1/8"	2	2	2	2	2	2	2	2	2	2	
46	36147420	O-ring	1BP25	1	1	1	1	1	1	1	1	1	1	
48	36147402 (36325331)	O-ring	1AP14	1	1	1	1	1	1	1	1	1	1	
49	36147103 (74302812)	Cap screw	M6 x 10	4	4	4	4	4	4	4	4	4	4	
50	36147136 (74314417)	Cap screw	M10 x 70	2	2	2	2	2	2	2	2	2	2	
63	36147421 (36111006)	O-ring	1BP26	1	1	1	1	1	1	1	1	1	1	

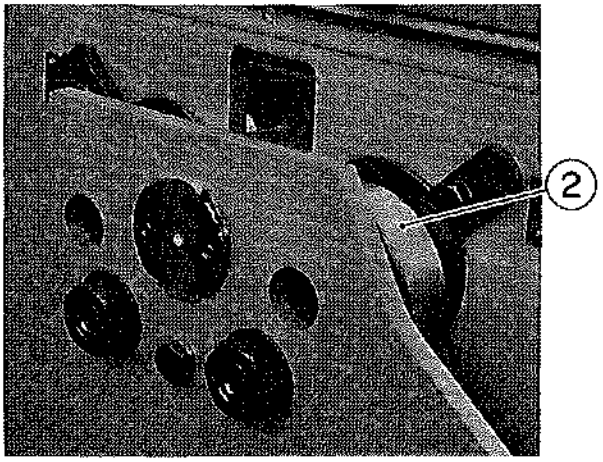
Unit No. 07
Lower limit setting device

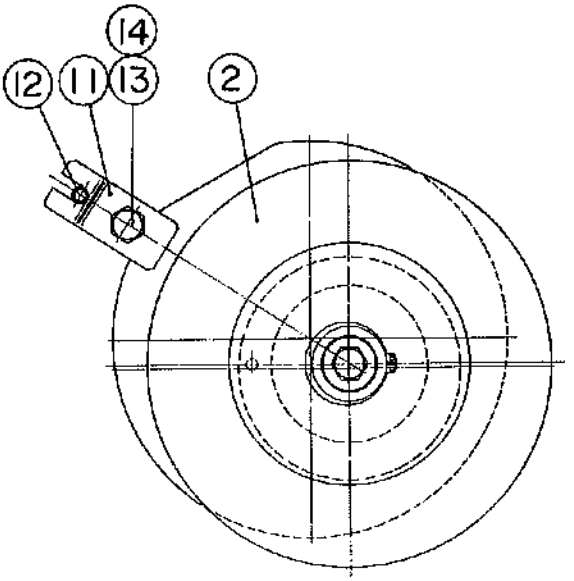


Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36147904 (37014632)	Spring pin	ϕ4 x 20	1	1	1	1	1	1	1	1	1	1	
2	36125629 (36109307)	Collar	380397a	1	1	1	1	1	1	1	1	1	1	
3	36125624 (36109304)	Insert coupling	380396b	1	1	1	1	1	1	1	1	1	1	
5	36125731	Screw	51.28140.0	1	1	1	1	1	1	–	–	–	–	
5	36125730	Screw	381749b	–	–	–	–	–	–	1	1	1	1	
6	36125833	Block support	51.15108.0	1	1	1	1	1	1	–	–	–	–	
6	36125831	Block support	385440f	–	–	–	–	–	–	1	1	1	1	
7	36125815 (36109025)	Spring	381752	–	–	–	–	–	–	1	1	1	1	
9	36125930 (36108901)	Plate	51.57563.0d	5	5	5	5	5	5	8	8	8	8	
10	36125834	Block support	51.15109.0	1	1	1	1	1	1	–	–	–	–	
10	36125832 (36108912)	Block support	385441	–	–	–	–	–	–	1	1	1	1	
11	36147027	Bolt	M14 x 70	4	4	4	4	4	4	–	–	–	–	
11	36125619	Bolt	380259a	–	–	–	–	–	–	6	6	6	6	
12	36147730 (10205431)	Snap ring	STW-10	2	2	2	2	2	2	2	2	2	2	
13	36125602	Pin	51.11112.0a	1	1	1	1	1	1	–	–	–	–	
13	36125601	Pin	380257b	–	–	–	–	–	–	1	1	1	1	
14	36125816	Spring	51.44099.0	2	2	2	2	2	2	2	2	2	2	
16	36147903	Spring pin	ϕ3 x 28	2	2	2	2	2	2	2	2	2	2	
17	36125803	Support block	51.15126.0a	1	1	1	1	1	1	–	–	–	–	
17	36125802	Support block	381751a	–	–	–	–	–	–	1	1	1	1	
18	36125801	Support block	381750b	–	–	–	–	–	–	1	1	1	1	
19	36125925 (36108905)	Friction plate	51.57138.0	6	6	6	6	6	6	9	9	9	9	
20	36126001	Rubber washer	563032a	2	2	2	2	2	2	2	2	2	2	
21	36125611	Support plate	51.19057.0c	1	1	1	1	1	1	–	–	–	–	
21	36125610	Support plate	380258c	–	–	–	–	–	–	1	1	1	1	
22	36125824 (36109301)	Lever	383536	1	1	1	1	1	1	1	1	1	1	
23	36126007	Washer	564563a	1	1	1	1	1	1	1	1	1	1	
24	36147315	Pan head machine screw	M6 x 15	1	1	1	1	1	1	1	1	1	1	

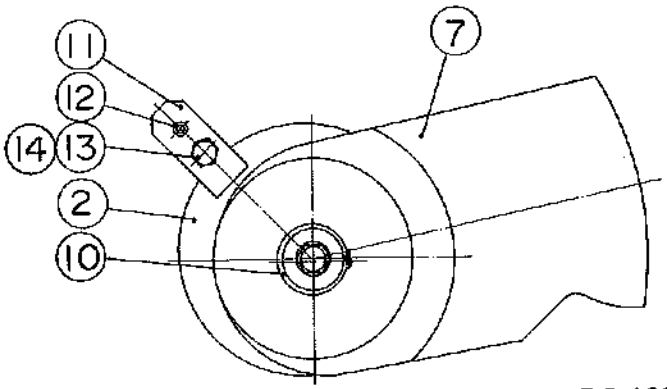
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
25	36147607 (44027928)	Spring washer	M6	1	1	1	1	1	1	1	1	1	1	
26	36125701 (36109318)	Shaft	380826a	1	–	–	–	–	–	–	–	–	–	
26	36125707 (36109327)	Shaft	382161a	–	1	–	–	–	–	–	–	–	–	
26	36125709	Shaft	4098389	–	–	1	–	–	–	–	–	–	–	
26	36125702 (36109320)	Shaft	380836a	–	–	–	1	–	–	–	–	–	–	
26	36125704	Shaft	380846a	–	–	–	–	1	–	–	–	–	–	
26	36125703	Shaft	380841c	–	–	–	–	–	1	–	–	–	–	
26	36125708	Shaft	383611c	–	–	–	–	–	–	1	–	–	–	
26	36125705	Shaft	380851d	–	–	–	–	–	–	–	1	–	1	
26	36125706	Shaft	380916d	–	–	–	–	–	–	–	–	1	–	
27	36125912	Clamp plate	51.17060.0	2	2	2	2	2	–	–	–	–	–	
27	36125911 (36108917)	Clamp plate	386314	–	–	–	–	–	2	–	–	–	–	
27	36125907	Cover	385443a	–	–	–	–	–	–	2	2	2	2	
28	36125901	Stopper	385442a	–	–	–	–	–	–	2	2	2	2	
29	36125920	Support	51.57137.1b	6	6	6	6	6	6	9	9	9	9	
30	36147906 (44027330)	Spring pin	ϕ5 x 28	2	2	2	2	2	2	2	2	2	2	

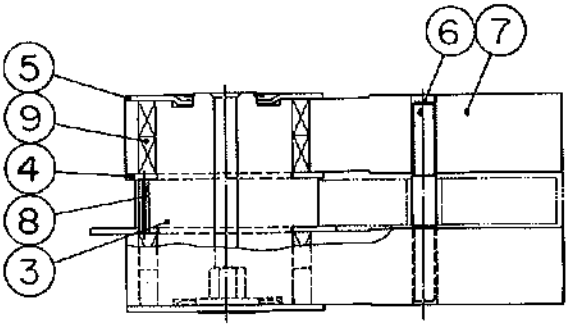
Unit No. 08
Left-right guide roller



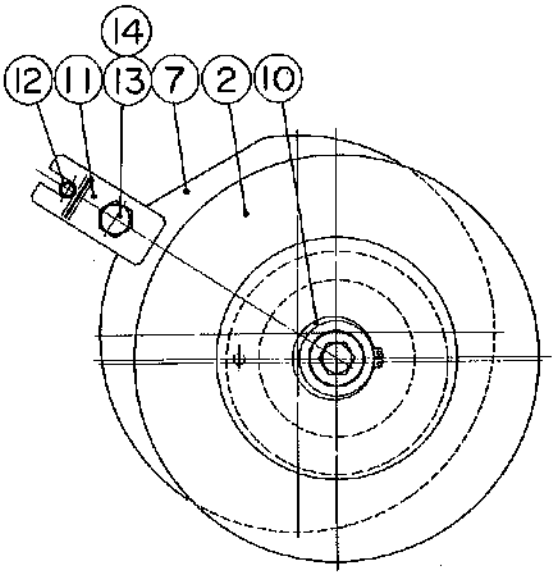


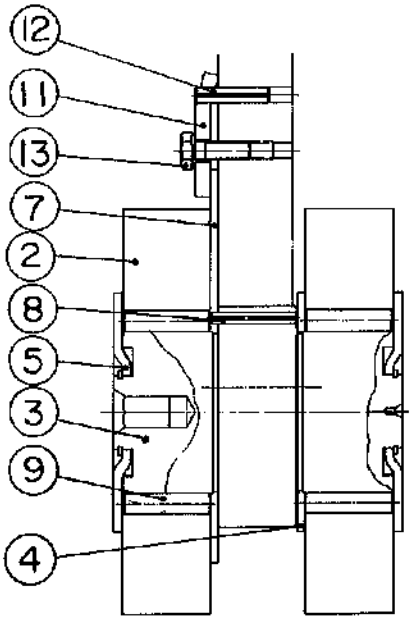
RG-25, 35S, 50, 80S, 80





RG-100S, 100, 100L

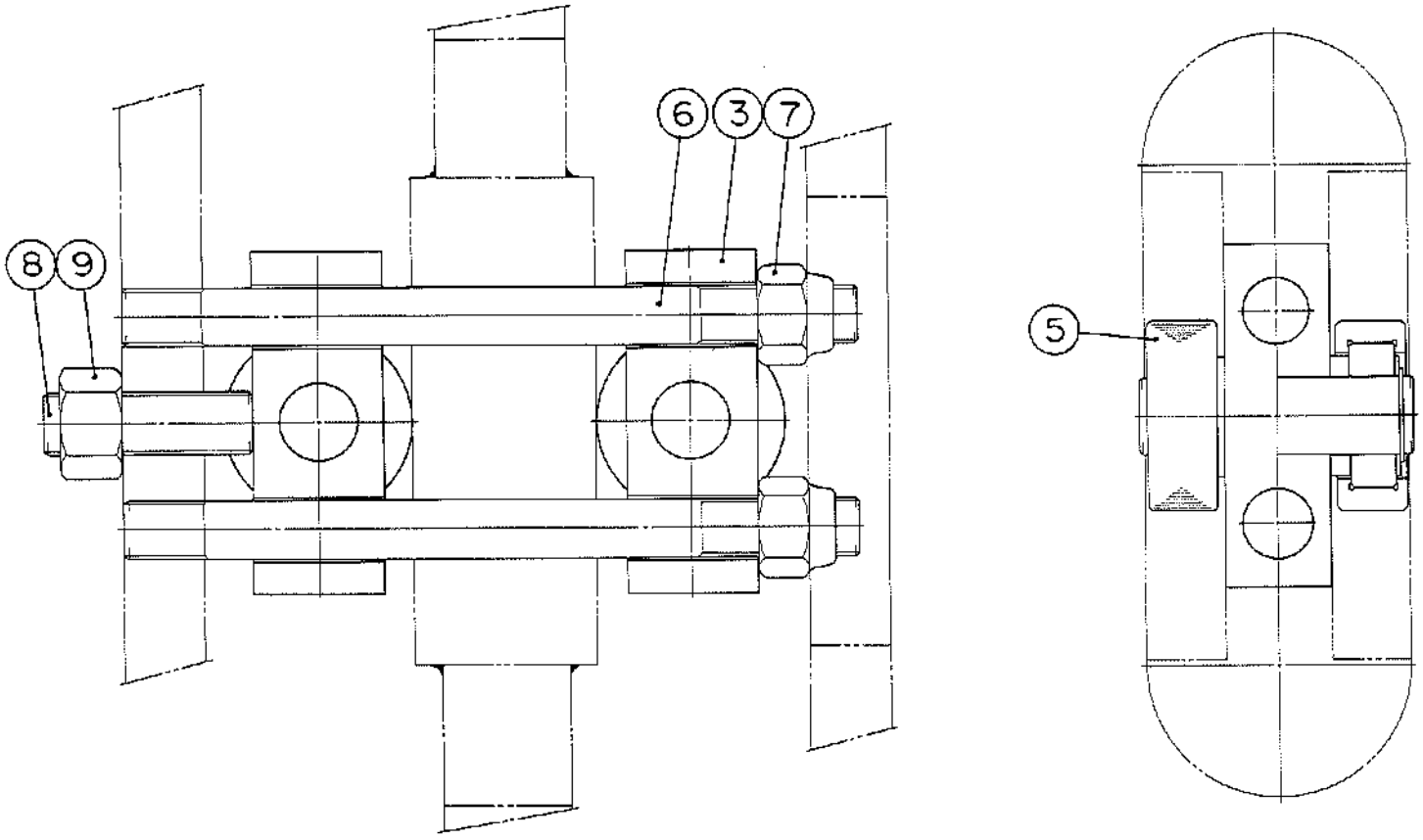




RG-125

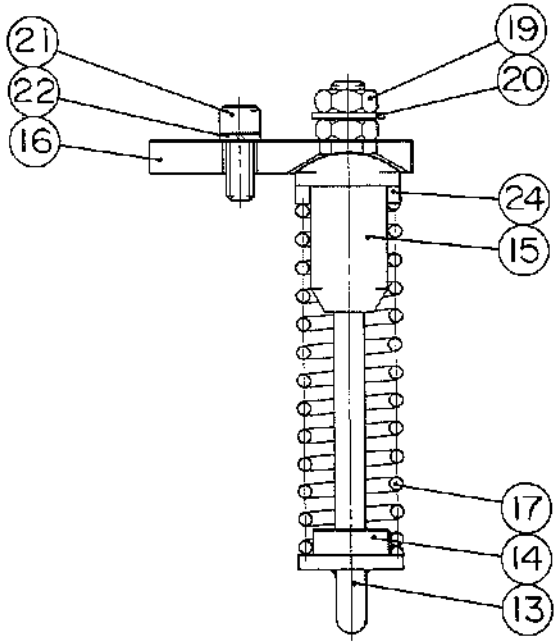
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36126602	Left-right guide roller ass'y	4095914	4	4	–	4	4	–	–	–	–	–	
1	36126601	Left-right guide roller ass'y	4095913	–	–	4	–	–	–	–	–	–	–	
1	36126603	Left-right guide roller ass'y	4095915	–	–	–	–	–	4	–	–	–	–	
1	36126604	Left-right guide roller ass'y	4095916	–	–	–	–	–	–	4	4	4	–	
1	36126605	Left-right guide roller ass'y	4095917	–	–	–	–	–	–	–	–	–	4	
2	36126623	Guide roller ass'y	51.60406.0	4	4	–	4	4	–	–	–	–	–	
2	36126624	Guide roller ass'y	51.60407.0	–	–	4	–	–	–	–	–	–	–	
2	36126625	Guide roller ass'y	51.60408.0	–	–	–	–	–	4	–	–	–	–	
2	36126716	Eccentric ring	51.45062.0	–	–	–	–	–	–	4	4	4	–	
2	36126729	Roller	385221a	–	–	–	–	–	–	–	–	–	8	
3	36126707 (36107711)	Eccentric shaft	51.27514.1d	–	–	–	–	–	–	4	4	4	–	
3	36126706 (36107634)	Eccentric shaft	385220	–	–	–	–	–	–	–	–	–	4	
4	36126801 (36107817)	Support plate	51.45063.0	–	–	–	–	–	–	4	4	4	4	
5	36126802	Support plate	51.45064.1c	–	–	–	–	–	–	8	8	8	8	
6	36126734 (36107724)	Shaft	51.11054.0	–	–	–	–	–	–	4	4	4	–	
7	36126701	Sector	51.33032.0b	–	–	–	–	–	–	8	8	8	–	
7	36126715	Eccentric ring	385222b	–	–	–	–	–	–	–	–	–	4	
8	36147910	Spring pin	ϕ6 x 35	–	–	–	–	–	–	4	4	4	–	
8	36147912	Spring pin	ϕ6 x 45	–	–	–	–	–	–	–	–	–	4	
9	36127001	Needle bearing	ϕ88 x ϕ110 x 24	–	–	–	–	–	–	16	16	16	–	
9	36127002	Needle bearing	ϕ88 x ϕ110 x 48	–	–	–	–	–	–	–	–	–	8	
10	36147734 (36107633)	Snap ring	STW-40	–	–	–	–	–	–	8	8	8	8	
11	36126724 (36323712)	Clamper	4095918	4	4	4	4	4	4	4	4	4	4	
12	36147909	Spring pin	ϕ6 x 30	4	4	4	4	4	4	–	–	–	–	
12	36147911	Spring pin	ϕ6 x 40	–	–	–	–	–	–	4	4	4	–	
12	36147912	Spring pin	ϕ6 x 45	–	–	–	–	–	–	–	–	–	4	
13	36147026 (36323729)	Bolt	M14 x 30	4	4	4	4	4	4	4	4	4	4	
14	36147633	Toothed lock washer	M14	4	4	4	4	4	4	4	4	4	4	

Unit No. 09
Fore-aft guide roller

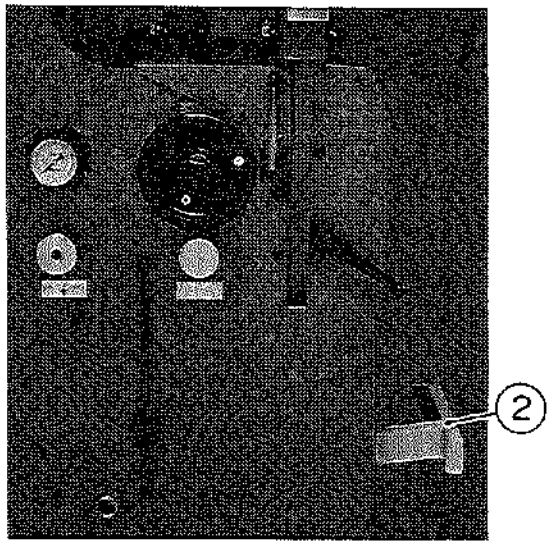


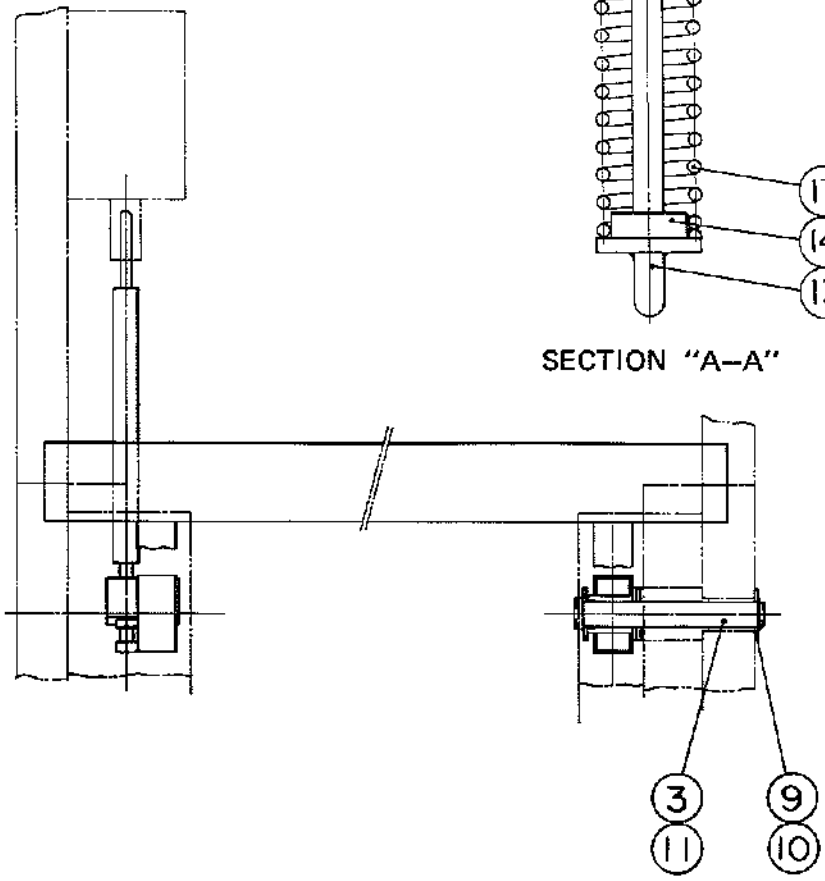
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36127501	Fore-aft guide roller ass'y	51.88105.0	3	3	3	3	3	5	5	5	5	5	
3	36127508	Block support	51.15023.1	6	6	6	6	6	10	10	10	10	10	
5	36127513	Bogie roller	51.60401.1	6	6	6	6	6	10	10	10	10	10	
6	36127519	Stud bolt	51.28067.1a	6	6	–	6	6	10	10	10	10	–	
6	36127518 (36107807)	Stud bolt	385363	–	–	6	–	–	–	–	–	–	10	
7	36147814	Nut (with nylon lock)	M16 type-1	6	6	6	6	6	10	10	10	10	10	
8	36147524	Set screw (flat end)	M16 × 50	3	3	–	3	3	5	–	–	–	–	
8	36147525	Set screw (flat end)	M16 × 80	–	–	3	–	–	–	5	5	5	5	
9	36147815	Nut	M16 type-2	3	3	3	3	3	5	5	5	5	5	

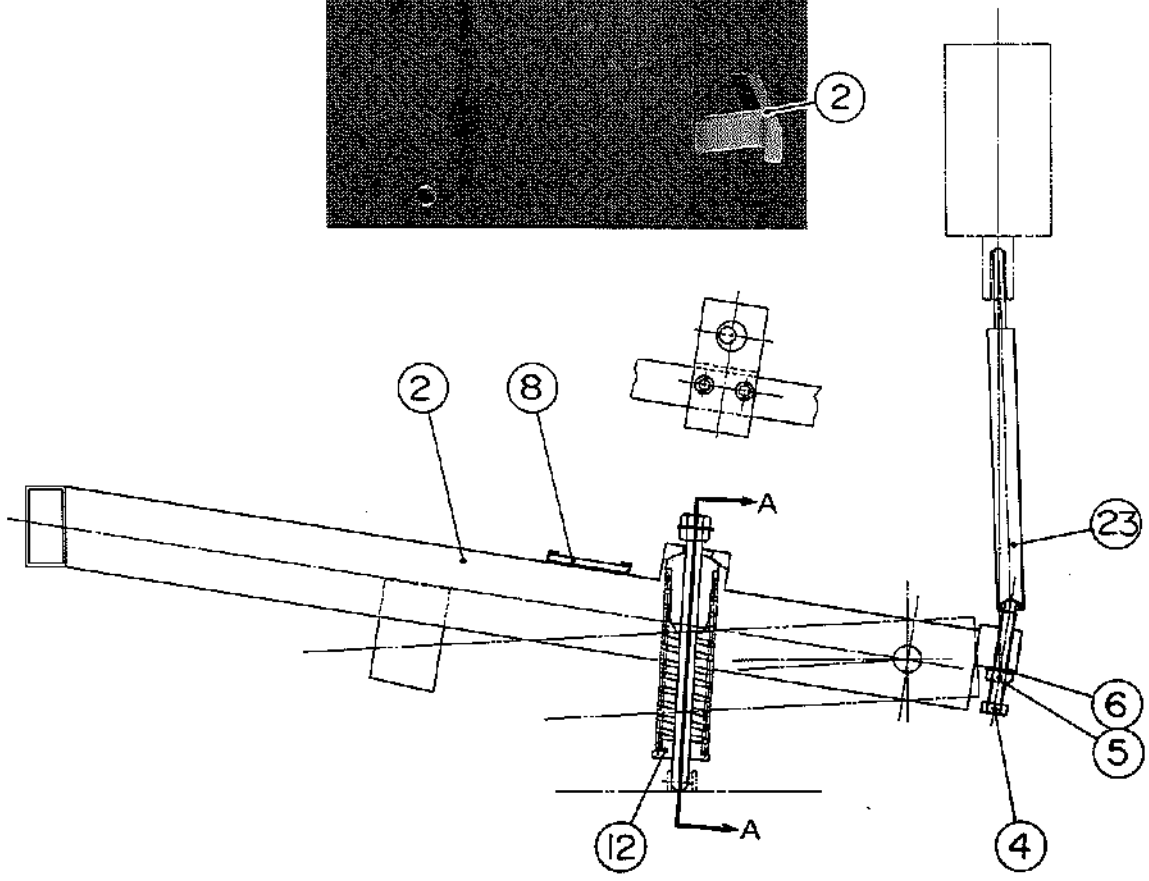
Unit No. 10
Pedal



SECTION "A–A"



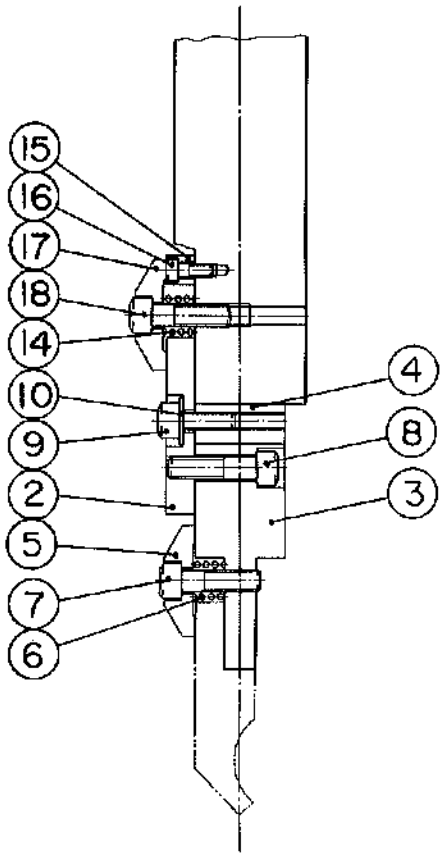




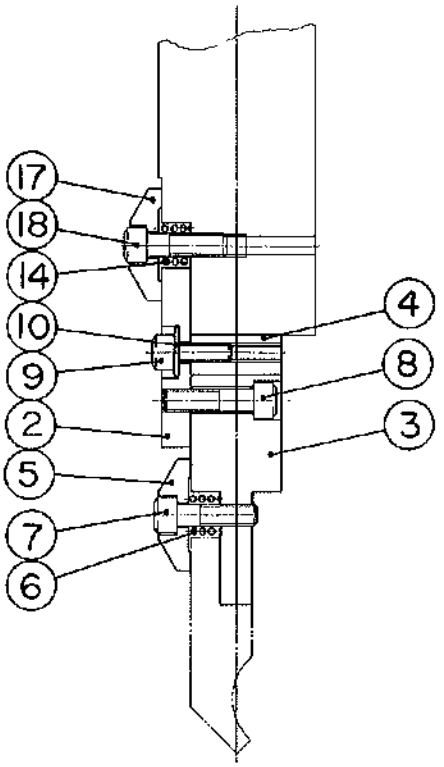
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36127904	Pedal ass'y	4049918a	1	–	–	–	–	–	–	–	–	–	
1	36127905	Pedal ass'y	4049933	–	1	–	–	–	–	–	–	–	–	
1	36127906	Pedal ass'y	4098340b	–	–	1	–	–	–	–	–	–	–	
1	36127901	Pedal ass'y	4049890c	–	–	–	1	–	–	–	–	–	–	
11	36127903	Pedal ass'y	4049902	–	–	–	–	1	–	–	–	–	–	
1	36127902	Pedal ass'y	4049899	–	–	–	–	–	1	–	–	–	–	
1	36127907	Pedal ass'y	4125330	–	–	–	–	–	–	1	–	–	–	
1	36127908	Pedal ass'y	4125331	–	–	–	–	–	–	–	1	–	–	
1	36127909	Pedal ass'y	4125333	–	–	–	–	–	–	–	–	1	–	
1	36127910	Pedal ass'y	4125334	–	–	–	–	–	–	–	–	–	1	
2	36128008	Pedal	4049919a	1	1	–	–	–	–	–	–	–	–	
2	36128001	Pedal	4098341	–	–	1	–	–	–	–	–	–	–	
2	36128002	Pedal	4049891c	–	–	–	1	1	–	–	–	–	–	
2	36128003	Pedal	4049900a	–	–	–	–	–	1	–	–	–	–	
2	36128004	Pedal	4049904a	–	–	–	–	–	–	1	–	–	–	
2	36128005	Pedal	4049908a	–	–	–	–	–	–	–	1	–	–	
2	36128006	Pedal	4049910a	–	–	–	–	–	–	–	–	1	–	
2	36128007	Pedal	4049914a	–	–	–	–	–	–	–	–	–	1	
3	36128032	Shaft	4049926b	2	–	–	–	–	–	–	–	–	–	
3	36128033	Shaft	4049931c	–	2	–	–	–	–	–	–	–	–	
3	36128031	Shaft	4049916a	–	–	2	–	–	–	–	–	–	–	
3	36128029	Shaft	4049896a	–	–	–	2	–	–	–	–	–	–	
3	36128030	Shaft	4049901a	–	–	–	–	2	2	2	2	2	–	
3	36128031	Shaft	4049916a	–	–	–	–	–	–	–	–	–	2	
4	36128201	Support screw	4040912	1	1	1	1	1	1	1	1	1	1	
5	36147809 (36327621)	Nut	M10 type-2	1	1	1	1	1	1	1	1	1	1	
6	36147631	Toothed lock washer	M10	1	1	1	1	1	1	1	1	1	1	
8	36128225	Rubber cushion	4091466	2	2	2	2	–	2	2	2	2	2	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
8	36128226	Rubber cushion	51.570570.1	–	–	–	–	2	–	–	–	–	–	
9	36147714	Washer	M20	4	4	6	4	4	4	4	4	4	4	
10	36147731 (10001102)	Snap ring	STW-20	2	2	2	2	2	2	2	2	2	2	
11	36128101	Collar	4049897	–	–	–	2	2	2	2	2	2	–	
11	36128102	Collar	4049917	–	–	–	–	–	–	–	–	–	2	
12	36128118 (36112103)	Pedal spring ass'y	4049885b	1	1	–	–	–	2	2	–	–	–	
12	36128119 (36112104)	Pedal spring ass'y	4091692a	–	–	1	–	–	–	–	2	2	2	
12	36128120	Pedal spring ass'y	4092941a	–	–	–	1	1	–	–	–	–	–	
13	36128028	Shaft	4049886b	1	1	1	1	1	2	2	2	2	2	
14	36128132	Spring support	4049887a	1	1	1	1	1	2	2	2	2	2	
15	36128133	Spring support	4049888b	1	1	1	1	1	2	2	2	2	2	
16	36128207	Plate	4049889a	1	1	1	1	1	2	2	2	2	2	
17	36128219	Spring	4091690	1	1	1	1	1	2	2	2	2	2	
19	36147812	Nut	M12 type-2	2	2	2	2	2	4	4	4	4	4	
20	36147713 (44028618)	Washer	M12	1	1	1	1	1	2	2	2	2	2	
21	36147118	Cap screw	M8 x 25	2	2	2	2	2	4	4	4	4	4	
22	36147609 (10001521)	Spring washer	M8	2	2	2	2	2	4	4	4	4	4	
23	36128213	Push rod	4049898	1	1	1	1	1	1	1	1	1	1	
24	36128103	Collar	4091691	–	–	1	–	–	–	–	2	2	2	
24	36128104	Collar	4092942	–	–	–	1	1	–	–	–	–	–	

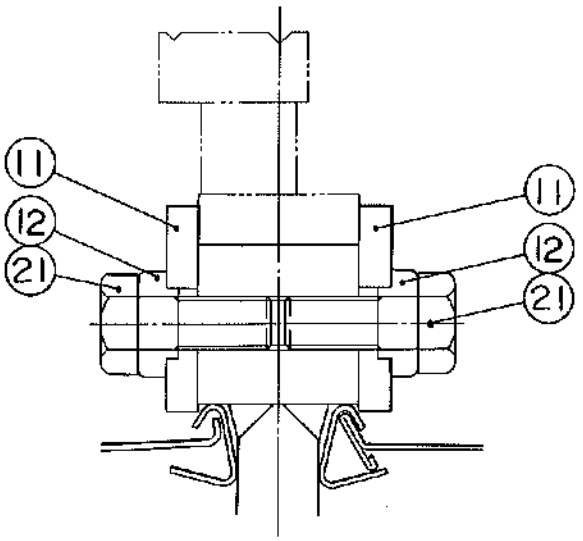
Unit No. 11
Tool holder



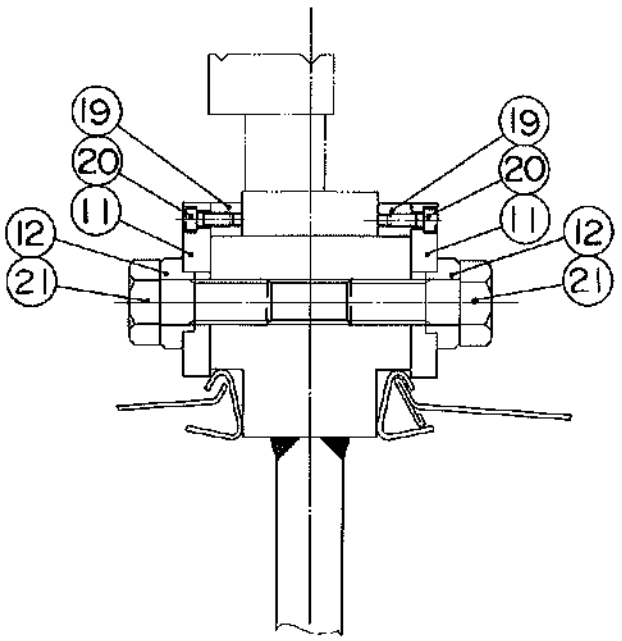
RG-25, 35S, 50S, 50, 80S, 80, 100S, 100, 100L



RG-125



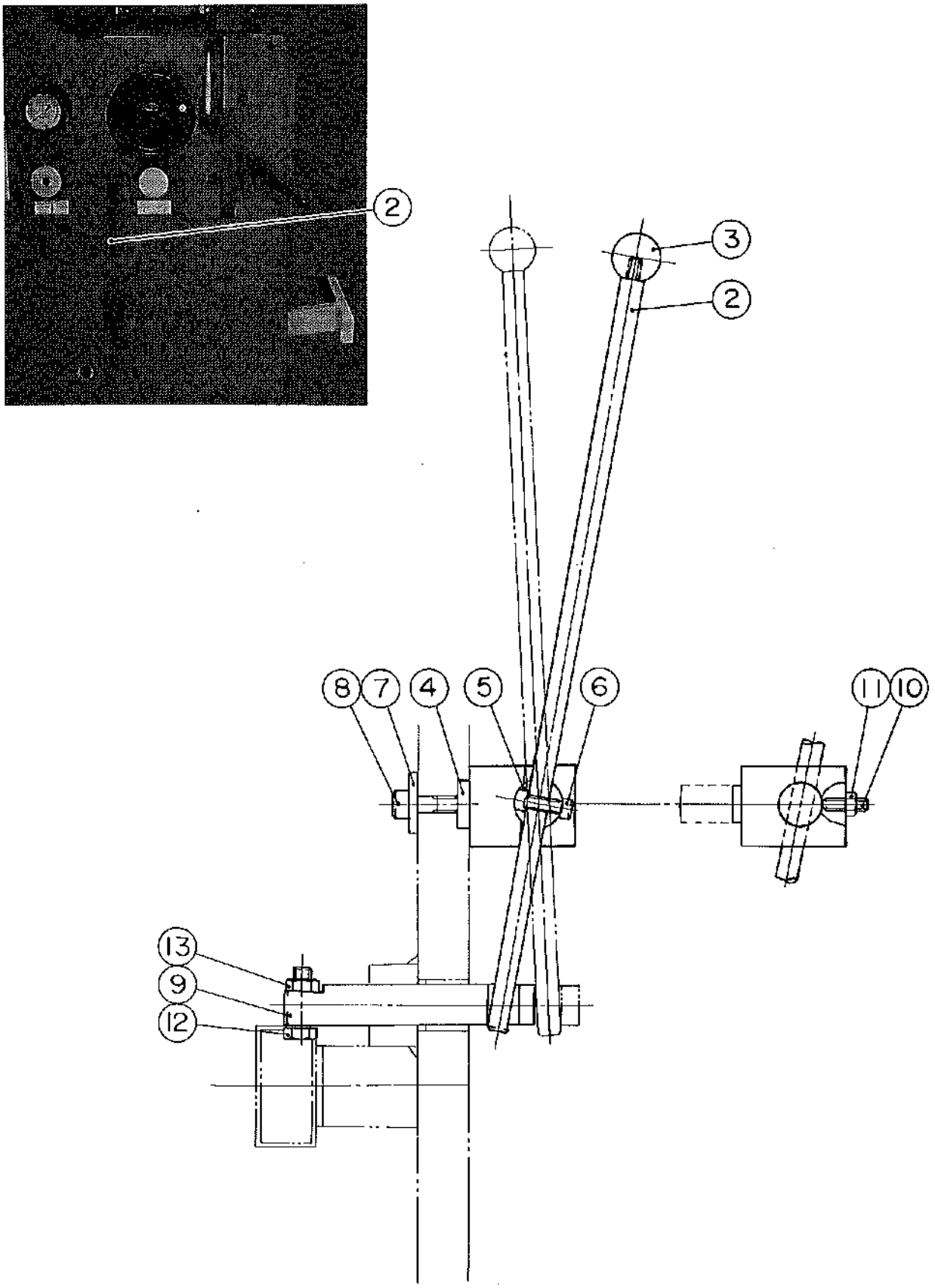
RG-25, 35S, 50S, 50, 80S, 80



RG-100S, 100, 100L, 125

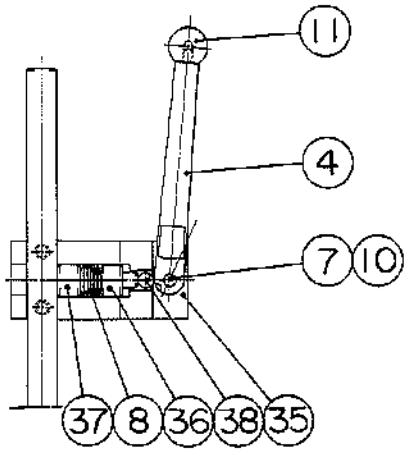
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36128701 (36113108)	Distance piece ass'y	4099949	6	6	6	10	10	12	12	15	20	15	
2	36128709	Distance piece	51.57074.2d	6	6	6	10	10	12	12	15	20	15	
3	36128715	Push lock plate	4098393	6	6	6	10	10	12	12	15	20	15	
4	36128721	Adjusting piece	4099950	6	6	6	10	10	12	12	15	20	15	
5	36128726 (36324107)	Clamp plate	51.17028.1	6	6	6	10	10	12	12	15	20	15	
6	36128731 (36113131)	Spring	51.44030.2	12	12	12	20	20	24	24	30	40	30	
7	36147130 (74304918)	Cap screw	M10 x 35	12	12	12	20	20	24	24	30	40	30	
8	36147131 (74304913)	Cap screw	M10 x 40	12	12	12	20	20	24	24	30	40	30	
9	36128737	Cap screw	560435b	6	6	6	10	10	12	12	15	20	15	
10	36128743	Washer	560434a	6	6	6	10	10	12	12	15	20	15	
11	36128901 (36324101)	Clamp plate	51.17029.0b	6	6	6	10	10	12	–	–	–	–	
11	36128902 (36324102)	Clamp plate	51.17030.1	–	–	–	–	–	–	12	14	20	14	
12	36128910 (36106901)	Washer	51.45037.0	12	12	12	20	20	24	24	28	40	28	
14	36128927 (36113131)	Spring	51.44030.0	12	12	12	20	20	24	24	30	40	30	
15	36128933 (36324123)	Bar	4098391b	1	1	1	–	–	2	2	–	–	–	
15	36128934 (36324124)	Bar	4099948a	–	–	–	2	2	–	–	3	4	–	
16	36147106 (74300604)	Cap screw	M6 x 15	4	4	4	8	8	8	8	12	16	–	
17	36128915 (36324107)	Clamp plate	51.17028.1	6	6	6	10	10	12	12	15	20	15	
18	36147130 (74304918)	Cap screw	M10 x 35	12	12	12	20	20	24	24	30	40	30	
19	36128921 (36324119)	Lock plate	51.57045.1	–	–	–	–	–	–	12	14	20	14	
20	36147106 (74300604)	Cap screw	M6 x 15	–	–	–	–	–	–	24	28	40	28	
21	36147030 (36106815)	Bolt	M20 x 50	12	12	12	20	20	24	24	28	40	28	

Unit No. 12
Pedal lock

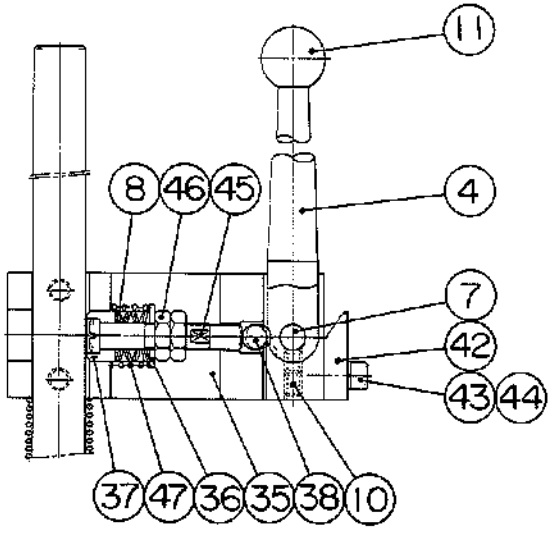


Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36129301	Pedal lock ass'y	4095030	–	–	–	1	1	1	1	1	1	1	
2	36129308	Lever	4095026	–	–	–	1	1	1	1	1	1	1	
3	36129501	Knob	PC25 x 6	–	–	–	1	1	1	1	1	1	1	
4	36129314	Shaft support	4095027a	–	–	–	1	1	1	1	1	1	1	
5	36129320	Shaft	4095028a	–	–	–	1	1	1	1	1	1	1	
6	36147108	Cap screw	M6 x 20	–	–	–	1	1	1	1	1	1	1	
7	36129326	Washer	4095029	–	–	–	1	1	1	1	1	1	1	
8	36147121 (74314411)	Cap screw	M8 x 50	–	–	–	1	–	–	–	–	–	–	
8	36147123 (74309806)	Cap screw	M8 x 70	–	–	–	–	1	1	1	1	1	1	
9	36129332	Stopper	4095031	–	–	–	1	–	–	–	–	–	–	
9	36129333	Stopper	4095032	–	–	–	–	1	1	1	1	1	1	
10	36129506 (54117915)	Plunger	SP-5-1	–	–	–	1	1	1	1	1	1	1	
11	36147802	Nut	M5 type-2	–	–	–	1	1	1	1	1	1	1	
12	36147009	Bolt	M8 x 40	–	–	–	1	1	1	1	1	1	1	
13	36147806	Nut	M8 type-2	–	–	–	1	1	1	1	1	1	1	

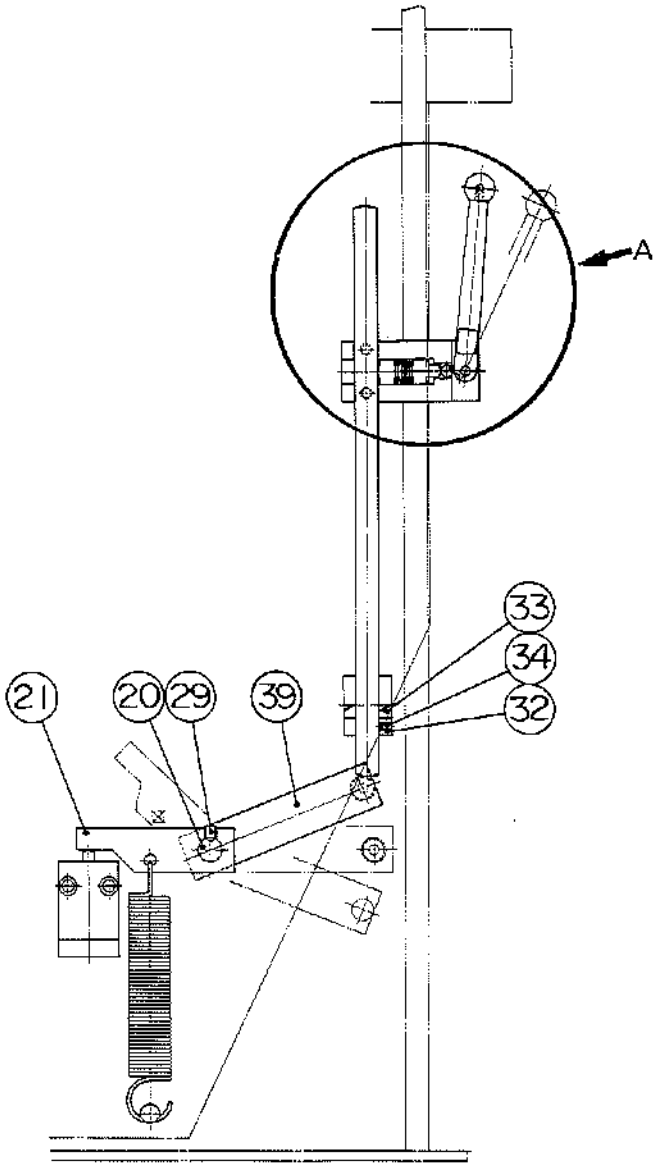
Unit No. 13
Speed change setting device



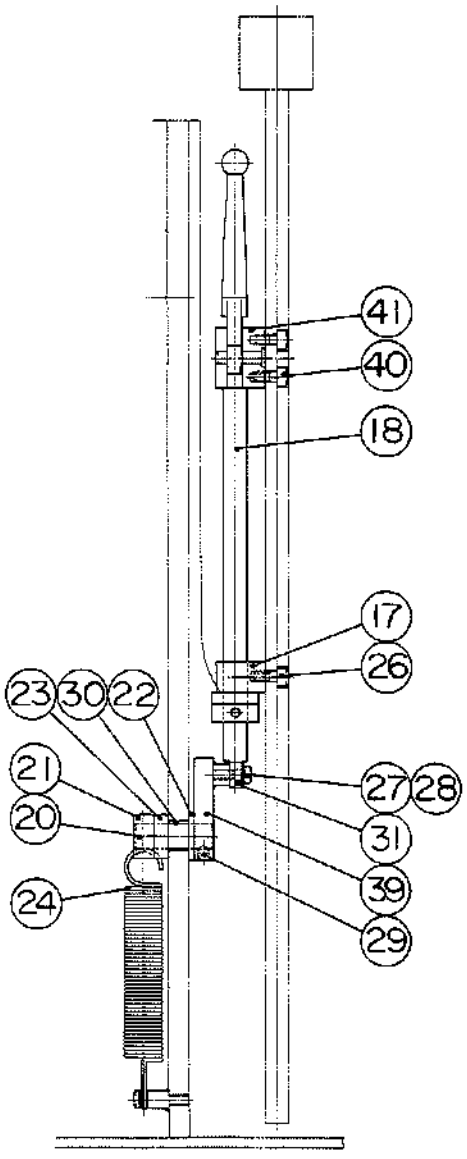
RG-25, 35S



RG-50S



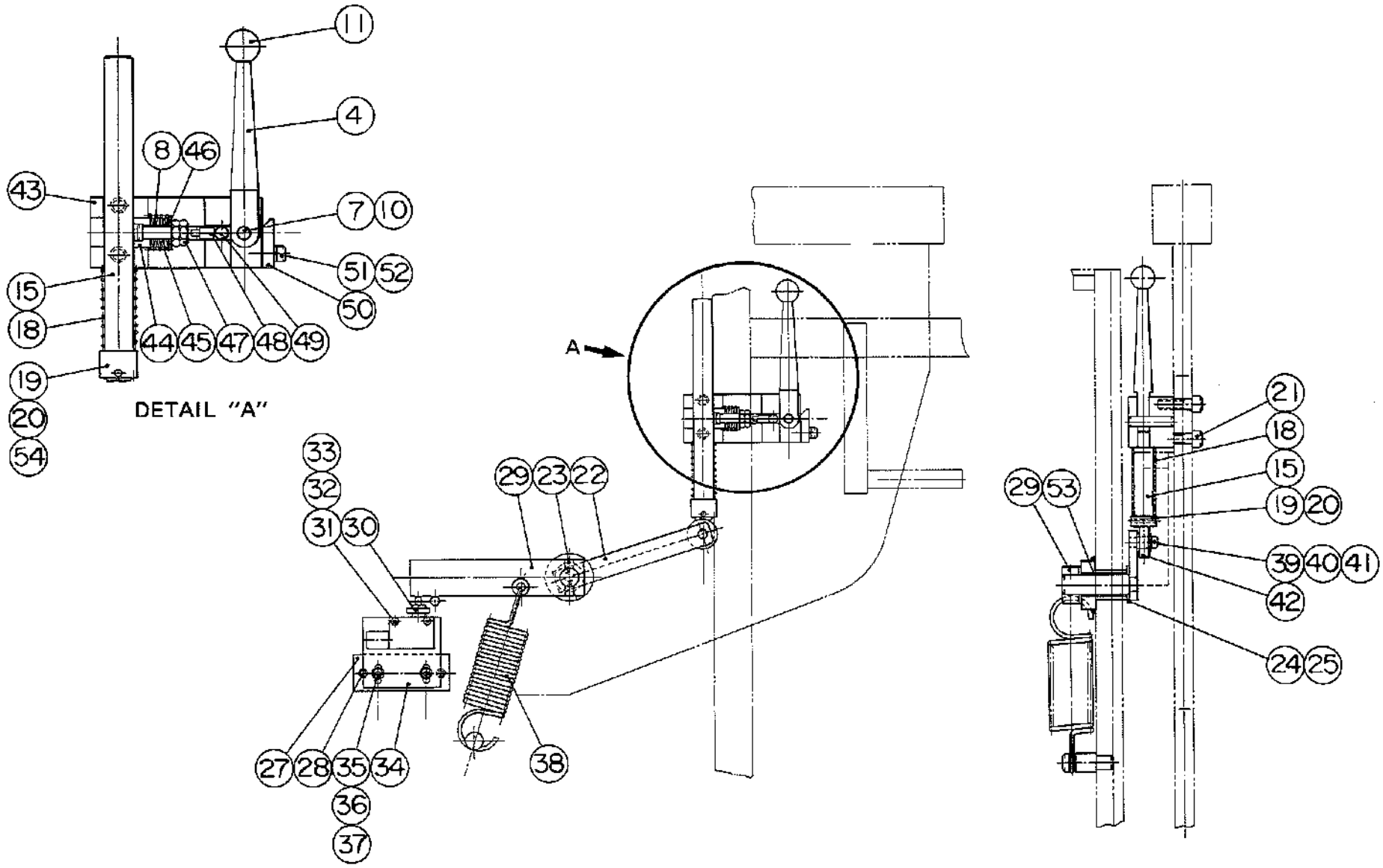
DETAIL "A"



Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
4	36129910	Lever	4041004b	1	1	1	–	–	–	–	–	–	–	
7	36129929	Shaft	4041007	1	1	1	–	–	–	–	–	–	–	
8	36130423	Cone disk spring	DB-10	9	9	12	–	–	–	–	–	–	–	
10	36147523	Set screw (flat end)	M6 x 8	2	2	2	–	–	–	–	–	–	–	
11	36130401	Knob	PC25 x 6 black	1	1	1	–	–	–	–	–	–	–	
17	36130001	Guide plate	4041223b	1	1	–	–	–	–	–	–	–	–	
17	36130002	Guide plate	4122989	–	–	1	–	–	–	–	–	–	–	
18	36130010	Setting rod	4041224b	1	1	1	–	–	–	–	–	–	–	
20	36129930	Shaft	4041228	1	1	–	–	–	–	–	–	–	–	
20	36129931	Shaft	4122990a	–	–	1	–	–	–	–	–	–	–	
21	36130016	Arm	4041229a	1	1	1	–	–	–	–	–	–	–	
22	36130101	Collar	4041230	1	1	–	–	–	–	–	–	–	–	
22	36147715	Washer	M20 polish	–	–	1	–	–	–	–	–	–	–	
23	36129921	Spacer	4041231	1	1	1	–	–	–	–	–	–	–	
24	36130114	Tension spring	4041232	1	1	1	–	–	–	–	–	–	–	
26	36147128 (38124012)	Cap screw	M10 x 25	2	2	–	–	–	–	–	–	–	–	
26	36147130 (74304918)	Cap screw	M10 x 35	–	–	2	–	–	–	–	–	–	–	
27	36147117 (44235241)	Cap screw	M8 x 20	1	1	1	–	–	–	–	–	–	–	
28	36147707 (74300511)	Washer	M8 type-1	1	1	1	–	–	–	–	–	–	–	
29	36147506	Set screw (cone end)	M10 x 16	2	2	2	–	–	–	–	–	–	–	
30	36130501 (55125128)	Oilless metal bushing	MB2015DU	1	1	1	–	–	–	–	–	–	–	
31	36130411 (10312824)	Ball bearing	#6201ZZ	1	1	1	–	–	–	–	–	–	–	
32	36130119	Stopper	4046168a	1	1	1	–	–	–	–	–	–	–	
33	36130128	Cushion	4046169	1	1	1	–	–	–	–	–	–	–	
34	36147509	Set screw (cup end)	M8 x 10	2	2	2	–	–	–	–	–	–	–	
35	36129901	Support block	4041003c	1	1	–	–	–	–	–	–	–	–	
35	36129902	Support block	4126464b	–	–	1	–	–	–	–	–	–	–	
36	36129915	Push piece	4041005c	1	1	–	–	–	–	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
36	36130230	Washer	4126241	–	–	1	–	–	–	–	–	–	–	
37	36129920	Spacer	4041006a	1	1	–	–	–	–	–	–	–	–	
37	36130225	Piece	4126240a	–	–	1	–	–	–	–	–	–	–	
38	36130429	Steel ball	ϕ10	1	1	–	–	–	–	–	–	–	–	
38	36130430	Steel ball	3/8"	–	–	1	–	–	–	–	–	–	–	
39	36130015	Arm	4041225	1	1	–	–	–	–	–	–	–	–	
39	36130022	Arm	4134339	–	–	1	–	–	–	–	–	–	–	
40	36147130 (74304918)	Cap screw	M10 × 35	2	2	–	–	–	–	–	–	–	–	
40	36147134 (10567317)	Cap screw	M10 × 55	–	–	2	–	–	–	–	–	–	–	
41	36130216	Block	4126629b	–	–	1	–	–	–	–	–	–	–	
42	36130120	Stopper	4127684	–	–	1	–	–	–	–	–	–	–	
43	36147108 (74302815)	Cap screw	M6 × 20	–	–	2	–	–	–	–	–	–	–	
44	36147608 (36323020)	Spring washer	M6 type-2	–	–	2	–	–	–	–	–	–	–	
45	36130234	Bolt	4127754a	–	–	1	–	–	–	–	–	–	–	
46	36147810	Nut	M10 type-3	–	–	2	–	–	–	–	–	–	–	
47	36130406	Spring	AS-D-25 × 2 × 25	–	–	1	–	–	–	–	–	–	–	
48	36129826	Lever ass'y	4041002b	1	1	–	–	–	–	–	–	–	–	
48	36129827	Lever ass'y	4126463a	–	–	1	–	–	–	–	–	–	–	
49	36129801	Speed change setting device	4041222	1	1	–	–	–	–	–	–	–	–	
49	36129806	Speed change setting device	4126628b	–	–	1	–	–	–	–	–	–	–	

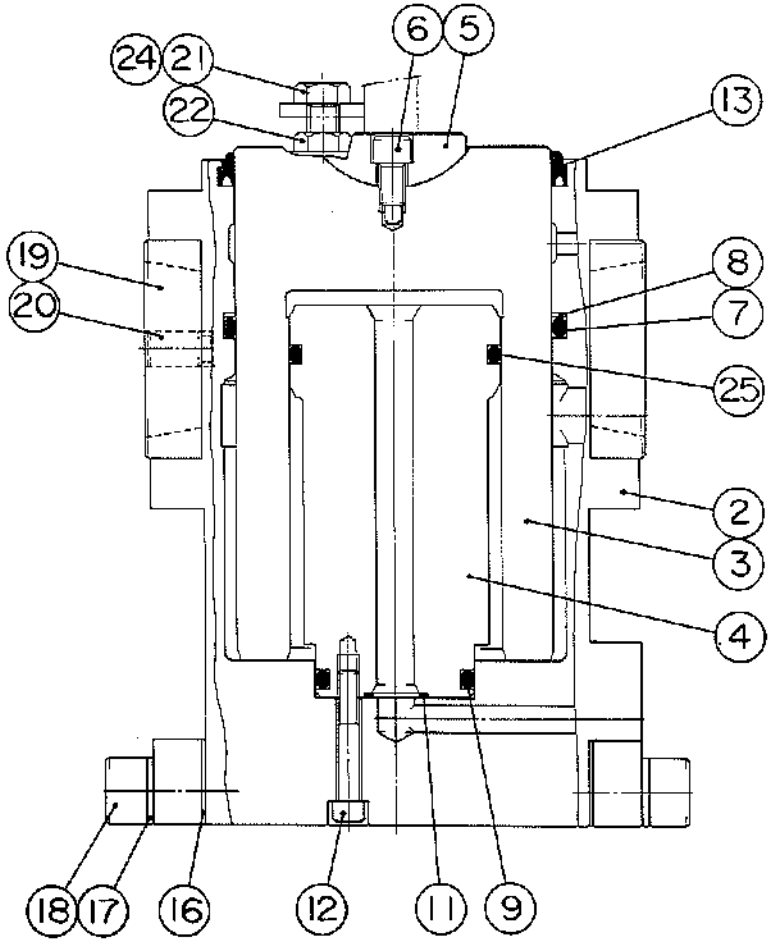
Unit No. 13
Speed change setting device



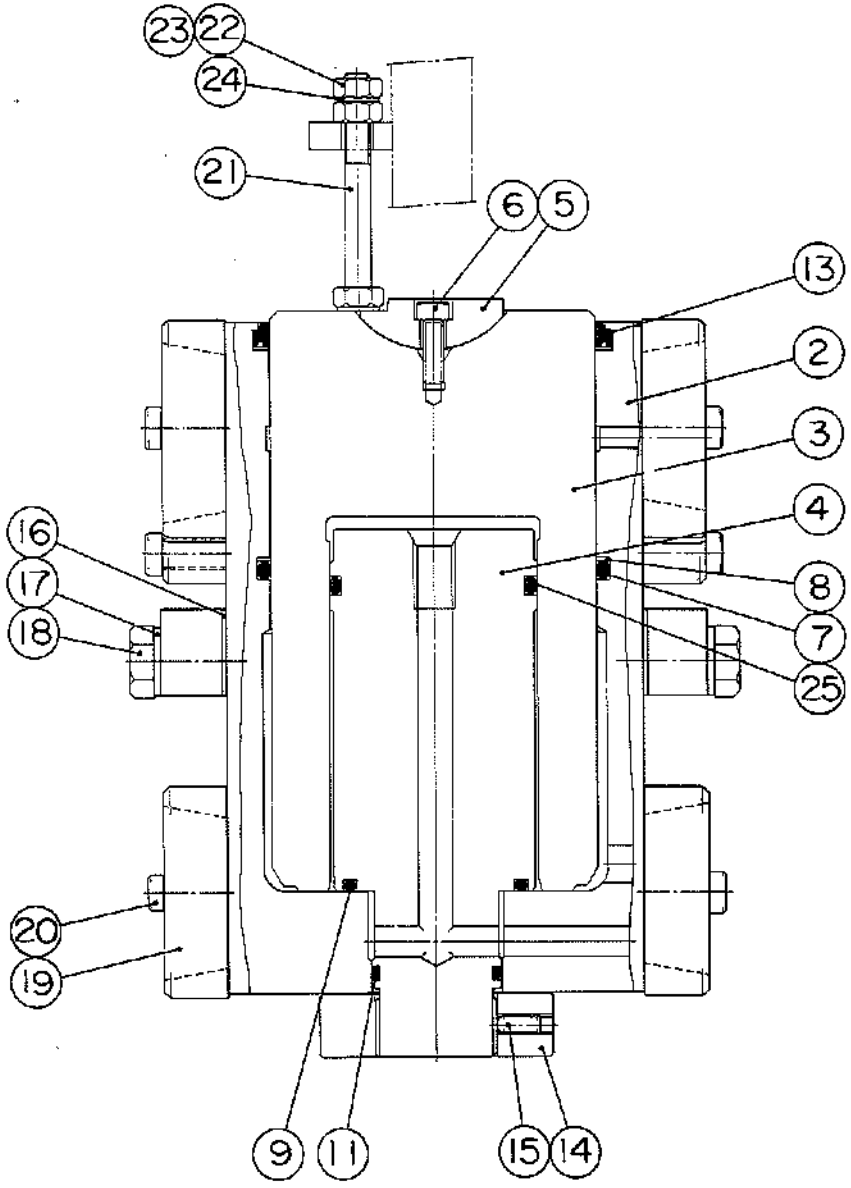
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36129802	Speed change setting device	4124505f	–	–	–	1	1	–	–	–	–	–	
1	36129803	Speed change setting device	4124506	–	–	–	–	–	1	–	–	–	–	
1	36129804	Speed change setting device	4124507	–	–	–	–	–	–	1	1	1	–	
1	36129805	Speed change setting device	4124508	–	–	–	–	–	–	–	–	–	1	
4	36129910	Lever	4041004b	–	–	–	1	1	1	1	1	1	1	
7	36129929	Shaft	4041007	–	–	–	1	1	1	1	1	1	1	
8	36130423	Cone disk spring	DB-10	–	–	–	12	12	12	12	12	12	12	
10	36147523	Set screw (flat end)	M6 x 8	–	–	–	2	2	2	2	2	2	2	
11	36130401	Knob	PC25 x 6 black	–	–	–	1	1	1	1	1	1	1	
15	36130133	Rod	4124522a	–	–	–	1	1	1	1	1	1	1	
18	36130206	Pressure spring	4124529	–	–	–	1	1	1	1	1	1	1	
19	36130201	Spring support	4124523b	–	–	–	1	1	1	1	1	1	1	
20	36147905 (10564018)	Spring pin	ϕ5 x 20	–	–	–	1	1	1	1	1	1	1	
21	36147131 (74304913)	Cap screw	M10 x 40	–	–	–	2	2	2	2	2	2	2	
22	36130017	Arm	4124509a	–	–	–	1	1	–	–	–	–	–	
22	36130018	Arm	4124513b	–	–	–	–	–	1	–	–	–	–	
22	36130019	Arm	4124515a	–	–	–	–	–	–	1	1	1	–	
22	36130020	Arm	4124517b	–	–	–	–	–	–	–	–	–	1	
23	36147506	Set screw (cone end)	M10 x 16	–	–	–	2	2	2	2	2	2	2	
24	36147715	Washer	M20 polish	–	–	–	2	2	2	1	1	1	1	
25	36130103	Collar	4124532a	–	–	–	–	–	–	1	1	1	–	
25	36130102	Collar	4124526b	–	–	–	–	–	–	–	–	–	1	
27	36130211	Block	4124597a	–	–	–	1	1	1	1	1	1	1	
28	36147128 (38124012)	Cap screw	M10 x 25	–	–	–	2	2	2	–	–	–	–	
28	36147129 (74302829)	Cap screw	M10 x 30	–	–	–	–	–	–	2	2	2	–	
28	36147131 (74304913)	Cap screw	M10 x 40	–	–	–	–	–	–	–	–	–	2	
29	36130021	Arm	4124527b	–	–	–	1	1	1	1	1	1	1	
30	36130417 (36322920)	Limit switch	SL1-H	–	–	–	1	1	1	1	1	1	1	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
31	36147303	Pan head machine screw	M4 x 25	–	–	–	2	2	2	2	2	2	2	
32	36147702	Washer	M4 polish	–	–	–	2	2	2	2	2	2	2	
33	36147603	Spring washer	M4 type-2	–	–	–	2	2	2	2	2	2	2	
34	36130220	L.S. setting plate	4125379a	–	–	–	1	1	1	1	1	1	1	
35	36147106 (74300604)	Cap screw	M6 x 15	–	–	–	2	2	2	2	2	2	2	
36	36147706	Washer	M6 polish	–	–	–	2	2	2	2	2	2	2	
37	36147608 (36323020)	Spring washer	M6 tyep-2	–	–	–	2	2	2	2	2	2	2	
38	36130114	Tension spring	4041232	–	–	–	1	1	1	1	1	1	1	
39	36147113 (36329937)	Cap screw	M8 x 10	–	–	–	1	1	1	1	1	1	1	
40	36147610	Spring washer	M8 type-2	–	–	–	1	1	1	1	1	1	1	
41	36147708	Washer	M8 polish	–	–	–	1	1	1	1	1	1	1	
42	36130411 (10312924)	Ball bearing	#6201ZZ	–	–	–	1	1	1	1	1	1	1	
43	36129902	Support block	4126464b	–	–	–	1	1	1	1	1	1	1	
44	36130225	Piece	4126240a	–	–	–	1	1	1	1	1	1	1	
45	36130406	Spring	AS-D-25 x 2 x 25	–	–	–	1	1	1	1	1	1	1	
46	36130230	Washer	4126241	–	–	–	1	1	1	1	1	1	1	
47	36147810	Nut	M10 type-3	–	–	–	2	2	2	2	2	2	2	
48	36130234	Bolt	4127754a	–	–	–	1	1	1	1	1	1	1	
49	36130430	Steel ball	3/8"	–	–	–	1	1	1	1	1	1	1	
50	36130120	Stopper	4127684	–	–	–	1	1	1	1	1	1	1	
51	36147108 (74302815)	Cap screw	M6 x 20	–	–	–	2	2	2	2	2	2	2	
52	36147608 (36323020)	Spring washer	M6 type-2	–	–	–	2	2	2	2	2	2	2	
53	36130503	Oilless metal bushing	MB2030DU	–	–	–	1	1	1	–	–	–	1	
53	36130502	Oilless metal bushing	MB2025DU	–	–	–	–	–	–	1	1	1	–	
54	36147902 (54117205)	Spring pin	ϕ3 x 20	–	–	–	1	1	1	1	1	1	1	
55	36129828	Lever ass'y	4126494b	–	–	–	1	1	1	1	1	1	1	

Unit No. 14
Main cylinder



RG-25, 30S, 50S, 50, 80S, 80



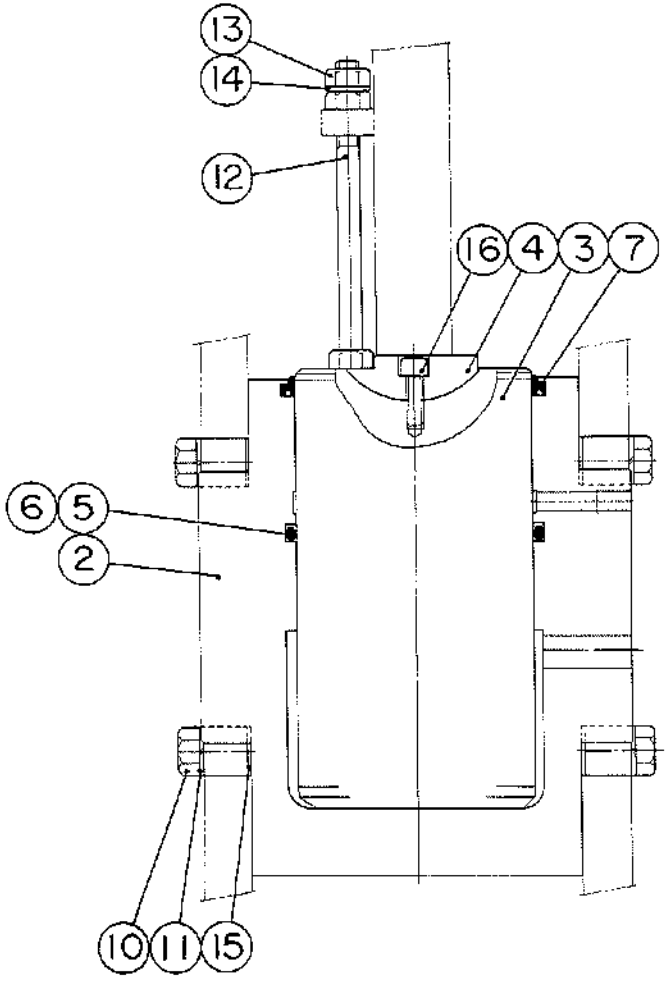
RG-100S, 100, 100L, 125

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36131001	Main cylinder ass'y	4091555b	1	1	–	–	–	–	–	–	–	–	
1	36131005	Main cylinder ass'y	4098222	–	–	1	–	–	–	–	–	–	–	
1	36131002	Main cylinder ass'y	4091556b	–	–	–	1	1	1	–	–	–	–	
1	36131003	Main cylinder ass'y	4091558b	–	–	–	–	–	–	1	1	1	–	
1	36131004	Main cylinder ass'y	4091562b	–	–	–	–	–	–	–	–	–	1	
2	36131022	Cylinder	4091605b	1	1	–	–	–	–	–	–	–	–	
2	36131026	Cylinder	4098223	–	–	1	–	–	–	–	–	–	–	
2	36131023	Cylinder	4091606b	–	–	–	1	1	1	–	–	–	–	
2	36131024	Cylinder	4091608a	–	–	–	–	–	–	1	1	1	–	
2	36131025	Cylinder	4091612a	–	–	–	–	–	–	–	–	–	1	
3	36131102	Plunger	4041030c	1	1	–	–	–	–	–	–	–	–	
3	36131105	Plunger	4098224a	–	–	1	–	–	–	–	–	–	–	
3	36131101	Plunger	4040685c	–	–	–	1	1	1	–	–	–	–	
3	36131103	Plunger	4042160c	–	–	–	–	–	–	1	1	1	–	
3	36131104	Plunger	4043738b	–	–	–	–	–	–	–	–	–	1	
4	36131123	Inner plunger	4049699	1	1	–	–	–	–	–	–	–	–	
4	36131125	Inner plunger	4098225	–	–	1	–	–	–	–	–	–	–	
4	36131124	Inner plunger	4049702	–	–	–	1	1	1	–	–	–	–	
4	36131122	Inner plunger	4042158	–	–	–	–	–	–	1	1	1	–	
4	36131121	Inner plunger	385226a	–	–	–	–	–	–	–	–	–	1	
5	36131202	Spherical support	51.46320.0b	1	1	–	1	1	1	1	1	1	–	
5	36131201 (36324601)	Spherical support	4043739	–	–	1	–	–	–	–	–	–	1	
6	36131302	Cap screw	51.57517.0	1	1	–	1	1	1	–	–	–	1	
6	36131301	Cap screw	51.48025.1a	–	–	1	–	–	–	1	1	1	–	
7	36147430	O-ring	1BP120	1	1	–	1	1	1	–	–	–	–	
7	36147432 (36324623)	O-ring	1BP150	–	–	1	–	–	–	–	–	–	1	
7	36147431 (36324620)	O-ring	1BP125	–	–	–	–	–	–	1	1	1	–	
8	36131501 (36110706)	Back-up ring	T3P120	1	1	–	1	1	1	–	–	–	–	

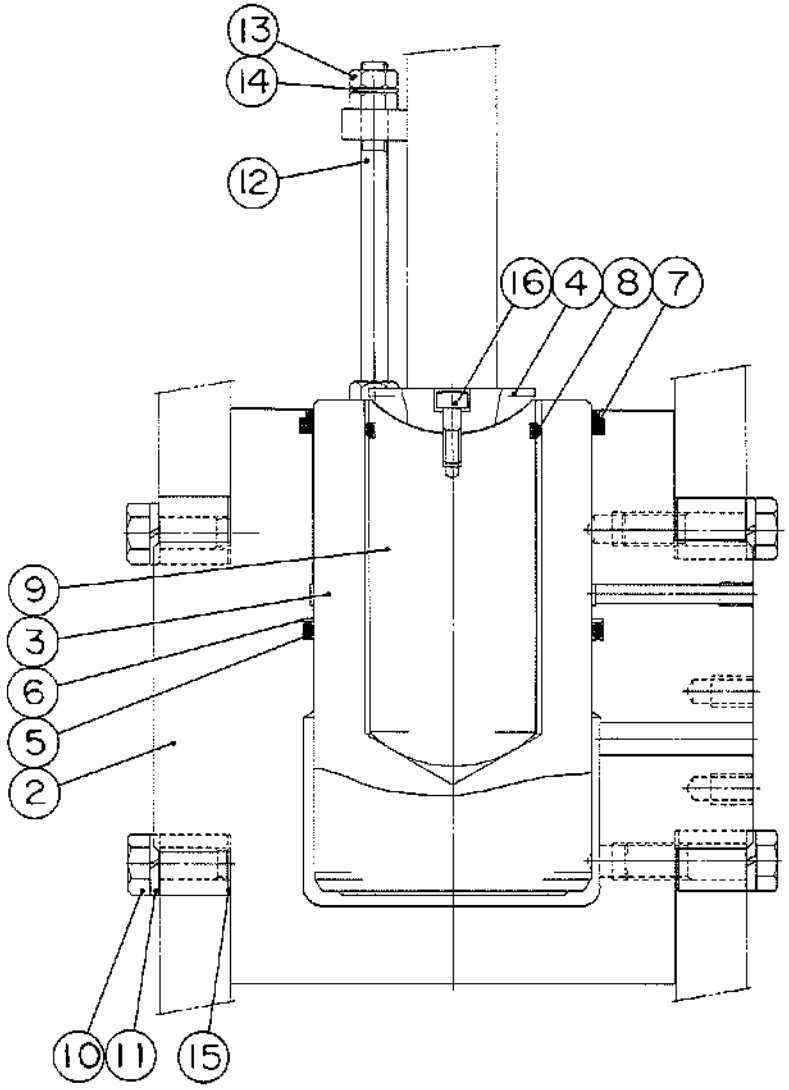
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
8	36131503 (36110712)	Back-up ring	T3P150	–	–	1	–	–	–	–	–	–	1	
8	36131502 (36110709)	Back-up ring	T3D125	–	–	–	–	–	–	1	1	1	–	
9	36147427	O-ring	1BP50A	1	1	–	1	1	1	–	–	–	–	
9	36147428	O-ring	1BP60	–	–	1	–	–	–	1	1	1	–	
9	36147435	O-ring	G-80	–	–	–	–	–	–	–	–	–	1	
11	36147417	O-ring	1BP18	1	1	1	1	1	1	–	–	–	–	
11	36147426	O-ring	1BP44	–	–	–	–	–	–	1	1	1	–	
11	36147434	O-ring	G-60	–	–	–	–	–	–	–	–	–	1	
12	36147121 (74314411)	Cap screw	M8 x 50	4	4	–	4	4	4	–	–	–	–	
12	36147119 (74302818)	Cap screw	M8 x 30	–	–	4	–	–	–	–	–	–	–	
13	36131514 (36110705)	Dust seal	SDR-120	1	1	–	1	1	1	–	–	–	–	
13	36131516 (36110711)	Dust seal	SDR-150	–	–	1	–	–	–	–	–	–	1	
13	36131515 (38123116)	Dust seal	SDR-125	–	–	–	–	–	–	1	1	1	–	
14	36131310	Nut	4042159	–	–	–	–	–	–	1	1	1	–	
14	36131309	Nut	386414	–	–	–	–	–	–	–	–	–	1	
15	36147511	Set screw (cup end)	M8 x 16	–	–	–	–	–	–	1	1	1	1	
16	36131223	Clamp plate	51.57071.2	4	4	4	4	4	4	4	4	4	4	
17	36147634	Toothed lock washer	M16	4	4	4	4	4	4	–	–	–	–	
17	36147615 (74302902)	Spring washer	M16	–	–	–	–	–	–	4	4	4	4	
18	36147028	Bolt	M16 x 45	–	–	4	–	–	–	4	4	4	–	
18	36147149 (36322121)	Cap screw	M16 x 45	4	4	–	4	4	4	–	–	–	–	
18	36147029	Bolt	M16 x 55	–	–	–	–	–	–	–	–	–	4	
19	36131211	Lock piece	51.46324.1a	4	4	–	4	4	4	–	–	–	–	
19	36131212	Lock piece	51.46326.0b	–	–	–	–	–	–	10	10	10	–	
19	36131210	Lock piece	385372	–	–	–	–	–	–	–	–	–	10	
20	36147519	Set screw (dog end)	M14 x 25	4	4	–	4	4	4	–	–	–	–	
20	36147520	Set screw (dog end)	M14 x 35	–	–	–	–	–	–	10	10	10	–	
20	36147521	Set screw (dog end)	M16 x 45	–	–	–	–	–	–	–	–	–	10	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
21	36147024	Bolt	M12 x 50	–	–	1	1	1	1	–	–	–	–	
21	36131229	Support screw	51.48025.1b	1	1	–	–	–	–	1	1	1	1	
22	36147812	Nut	M12 type-2	3	3	1	1	1	1	3	3	3	1	
23	36147811 (44027319)	Nut	M12 type-1	–	–	–	–	–	–	–	–	–	2	
24	36147632	Toothed lock washer	M12	2	2	–	–	–	–	–	–	–	–	
24	36147613 (44028619)	Spring washer	M12	–	–	–	–	–	–	2	2	2	–	
25	36147405	O-ring	1AP44	1	1	–	–	–	–	–	–	–	–	
25	36147407	O-ring	1AP50A	–	–	1	–	–	–	–	–	–	–	
25	36147408	O-ring	1AP70	–	–	–	1	1	1	1	1	1	–	
25	36147409	O-ring	1AP90	–	–	–	–	–	–	–	–	–	1	

Unit No. 15
Sub cylinder



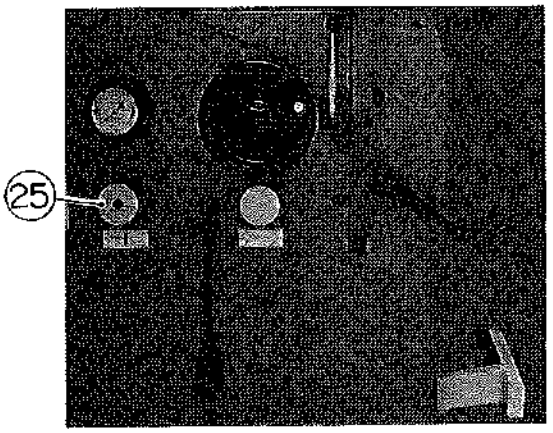
RG-50, 80S, 80



RG-100S, 100, 100L, 125

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36132001	Sub cylinder ass'y	4091557b	–	–	–	2	2	2	–	–	–	–	
1	36132002	Sub cylinder ass'y	4091559a	–	–	–	–	–	–	2	2	2	–	
1	36132003	Sub cylinder ass'y	4091563a	–	–	–	–	–	–	–	–	–	2	
2	36132015	Cylinder	4091607a	–	–	–	2	2	2	–	–	–	–	
2	36132016	Cylinder	4091609a	–	–	–	–	–	–	2	2	2	–	
2	36132017	Cylinder	4091613a	–	–	–	–	–	–	–	–	–	2	
3	36132028	Plunger piston	4040860a	–	–	–	2	2	2	–	–	–	–	
3	36132029	Plunger piston	386462b	–	–	–	–	–	–	2	2	2	–	
3	36132030	Plunger piston	385231c	–	–	–	–	–	–	–	–	–	2	
4	36132101	Spherical support	55.01569.4b	–	–	–	2	2	2	2	2	2	–	
4	36132102	Spherical support	385228a	–	–	–	–	–	–	–	–	–	2	
5	36147429	O-ring	1BP100	–	–	–	2	2	2	–	–	–	–	
5	36147410	O-ring	1AP105	–	–	–	–	–	–	2	2	2	–	
5	36147411	O-ring	1AP125	–	–	–	–	–	–	–	–	–	2	
6	36132301 (36111019)	Back-up ring	T3P100	–	–	–	2	2	2	–	–	–	–	
6	36132302 (36111021)	Back-up ring	T3P105	–	–	–	–	–	–	2	2	2	–	
6	36131502 (36110709)	Back-up ring	T3P125	–	–	–	–	–	–	–	–	–	2	
7	36132311	Dust seal	SDR-100	–	–	–	2	2	2	–	–	–	–	
7	36132312 (36111020)	Dust seal	SDR-105	–	–	–	–	–	–	2	2	2	–	
7	36131515 (38123116)	Dust seal	SDR-125	–	–	–	–	–	–	–	–	–	2	
8	36147406	O-ring	1AP48A	–	–	–	–	–	–	2	2	2	–	
8	36147408	O-ring	1AP70	–	–	–	–	–	–	–	–	–	2	
9	36132110	Inner rod	386459b	–	–	–	–	–	–	2	2	2	–	
9	36132111	Inner rod	386523a	–	–	–	–	–	–	–	–	–	2	
10	36147028	Bolt	M16 x 45	–	–	–	8	8	8	16	16	16	–	
10	36147029	Bolt	M16 x 55	–	–	–	–	–	–	–	–	–	16	
11	36147615 (74302902)	Spring washer	M16	–	–	–	8	8	8	16	16	16	16	
12	36131229	Support screw	51.48025.1b	–	–	–	2	2	2	2	2	2	2	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
13	36147812	Nut	M12 type-2	–	–	–	6	6	6	6	6	6	6	
14	36147613 (44028619)	Spring washer	M12	–	–	–	2	2	2	2	2	2	2	
15	36131223	Clamp plate	51.57071.2	–	–	–	16	16	16	16	16	16	16	
16	36147118 (21415514)	Cap screw	M8 x 25	–	–	–	2	2	2	2	2	2	2	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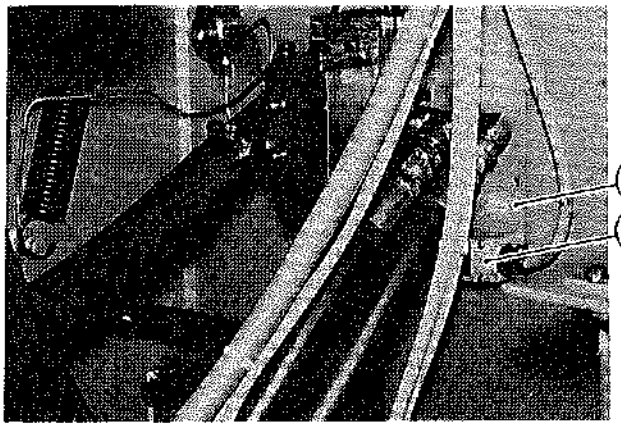
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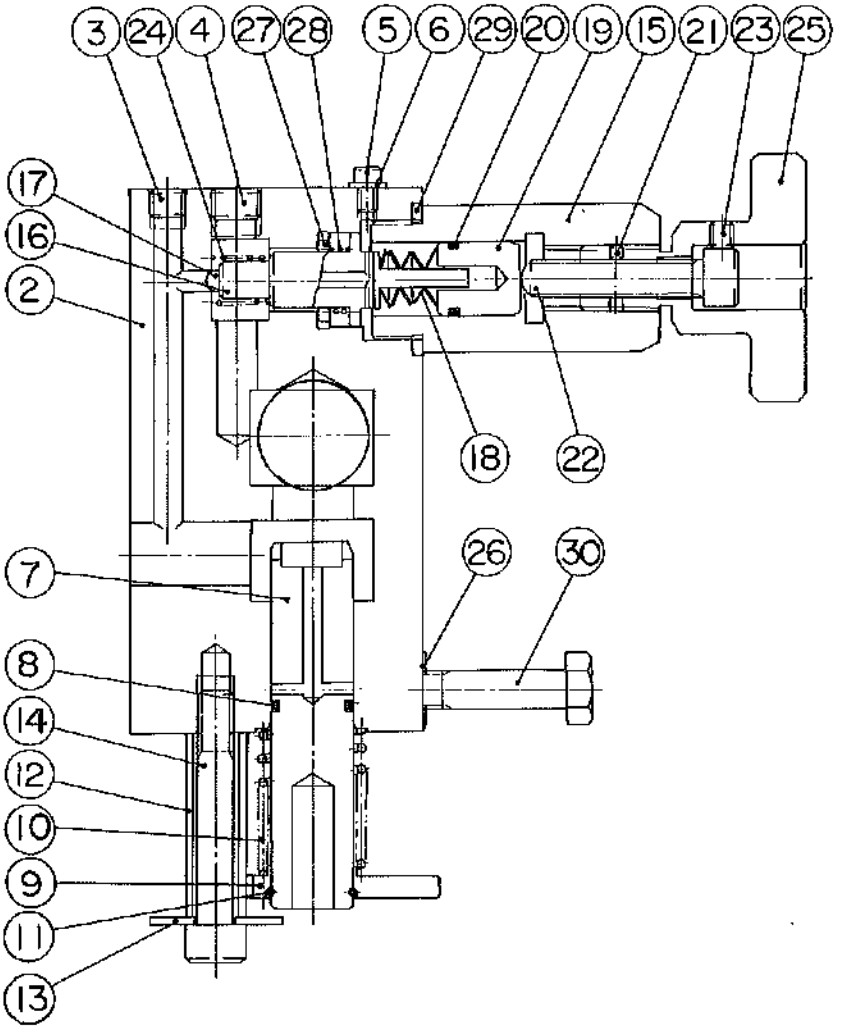
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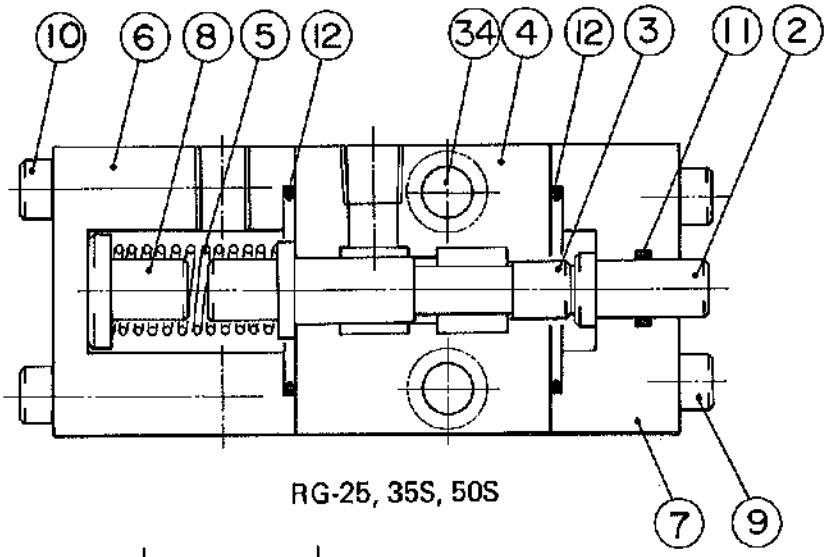
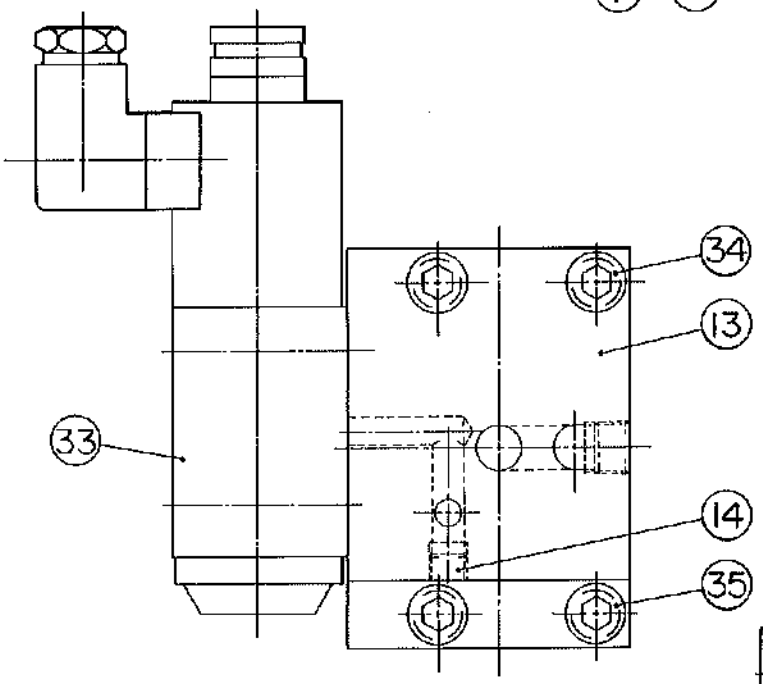
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36132701	Distributor ass'y	4048574e	1	1	1	1	1	1	1	1	1	1	
2	36132707	Valve body	4048575e	1	1	1	1	1	1	1	1	1	1	
3	36133133	Plug	PT 1/8"	1	1	1	1	1	1	1	1	1	1	
4	36133134	Plug	PT 1/4"	1	1	1	1	1	1	1	1	1	1	
5	36147001 (36322513)	Bolt	M5 x 8	1	1	1	1	1	1	1	1	1	1	
6	36133112 (36327138)	Seal washer	W-5	1	1	1	1	1	1	1	1	1	1	
7	36132713	Spool	4040900d	1	1	1	1	1	1	1	1	1	1	
8	36147404	O-ring	1AP18	1	1	1	1	1	1	1	1	1	1	
9	36132829	Spring support	4095130	1	1	1	1	1	1	1	1	1	1	
10	36132906	Pressure spring	50.440153.1	1	1	1	1	1	1	1	1	1	1	
11	36132901	Retainer	50.440110.1	1	1	1	1	1	1	1	1	1	1	
12	36132911	Spacer	4092995	1	1	1	1	1	1	1	1	1	1	
13	36132727	Washer	382741	1	1	1	1	1	1	1	1	1	1	
14	36147135	Cap screw	M10 x 60	1	1	1	1	1	1	1	1	1	1	
15	36132801 (36326715)	Screw guide	4048576c	1	1	1	1	1	1	1	1	1	1	
16	36132714	Spool	4048577a	1	1	1	1	1	1	1	1	1	1	
17	36133127	Steel ball	ϕ7	1	1	1	1	1	1	1	1	1	1	
18	36133117	Cone disk spring	ϕ18 x ϕ6.5 x 1[1]	10	10	10	10	10	10	10	10	10	10	
19	36132715	Spool	4048662a	1	1	1	1	1	1	1	1	1	1	
20	36147403 (36110501)	O-ring	1AP16	1	1	1	1	1	1	1	1	1	1	
21	36133122	Nylon rod	ϕ4 x 5	2	2	2	2	2	2	2	2	2	2	
22	36132734	Bolt	4094953	1	1	1	1	1	1	1	1	1	1	
23	36147507	Set screw (cup end)	M6 x 8	1	1	1	1	1	1	1	1	1	1	
24	36132817	Spring	51.44030.1	1	1	1	1	1	1	1	1	1	1	
25	36132806	Knob	4048579b	1	1	1	1	1	1	1	1	1	1	
26	36132726	Washer	4048500	2	2	2	2	2	2	2	2	2	2	
27	36132811	Collar	4048860	1	1	1	1	1	1	1	1	1	1	
28	36132812	Spring	4048861	1	1	1	1	1	1	1	1	1	1	

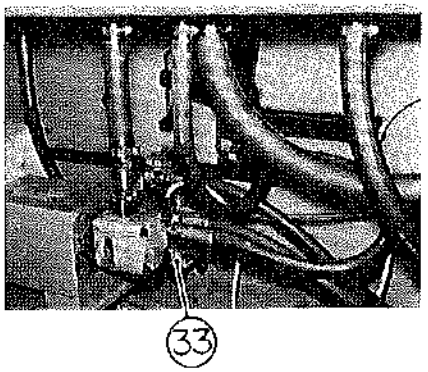
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
29	36133107 (36109731)	Affixed seal	KP-C-06	1	1	1	1	1	1	1	1	1	1	
30	36147012 (36327603)	Bolt	M10 x 30	2	–	–	–	–	–	–	–	–	–	
30	36147013 (36327604)	Bolt	M10 x 35	–	2	–	–	–	–	–	–	–	–	
30	36147016	Bolt	M10 x 50	–	–	2	2	–	–	–	–	–	–	
30	36147017	Bolt	M10 x 70	–	–	–	–	2	2	2	2	2	2	
31	36132824	L.S. bracket	4095091a	1	1	1	1	1	1	1	1	1	1	
32	36147103 (74302812)	Cap screw	M6 x 10	2	2	2	2	2	2	2	2	2	2	
33	36133101	Limit switch	1LS19-J	1	1	1	1	1	1	1	1	1	1	
34	36147103 (74302812)	Cap screw	M6 x 10	2	2	2	2	2	2	2	2	2	2	

Unit No. 17
Sequence valve

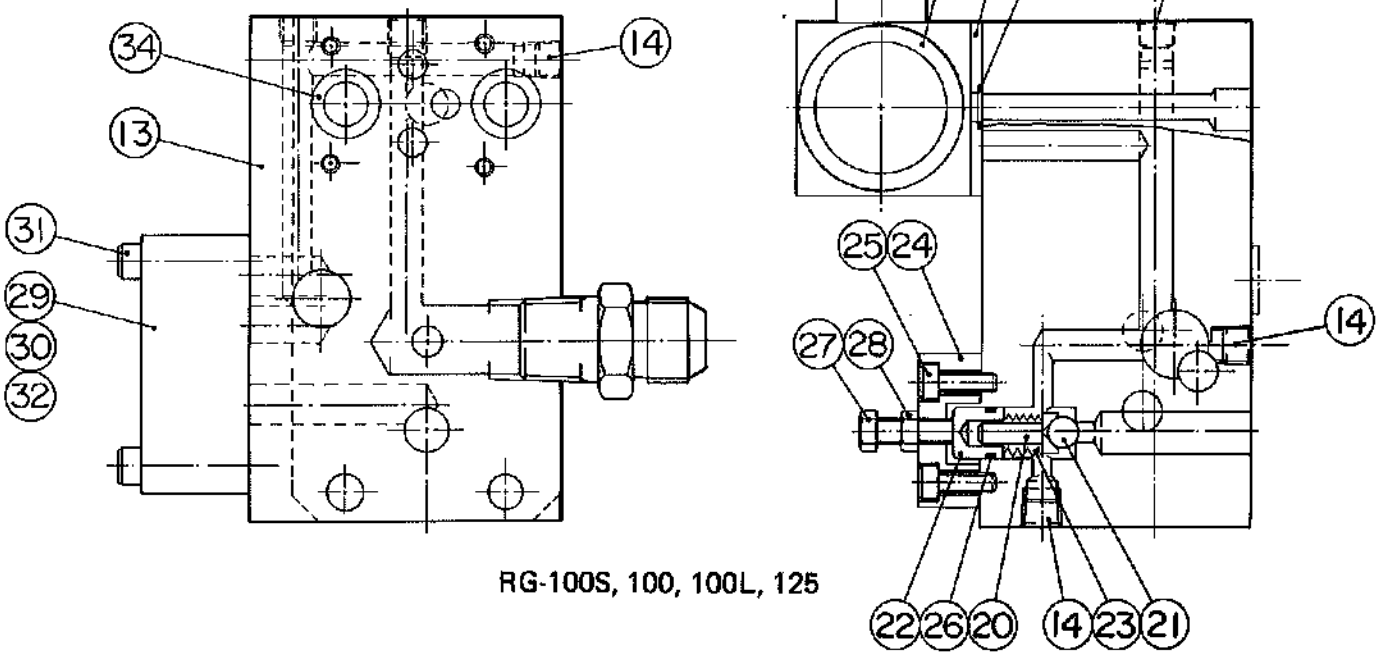


RG-25, 35S, 50S





RG-50, 80S, 80

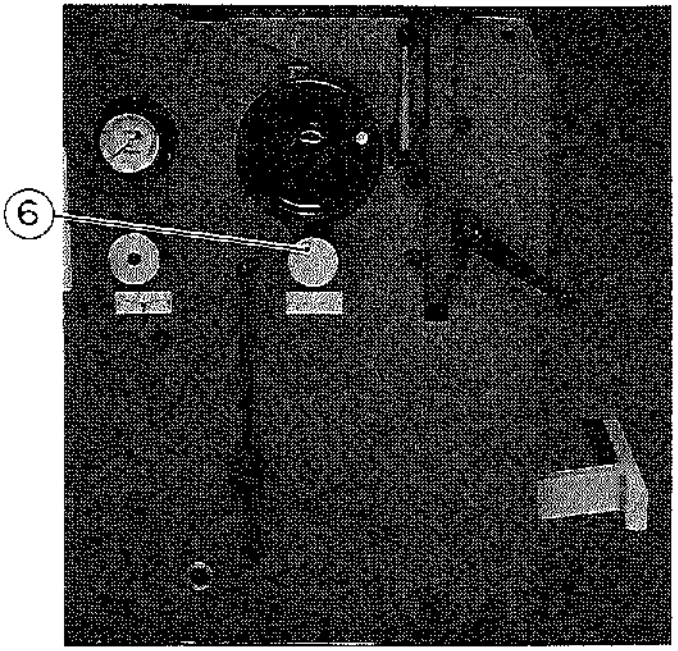


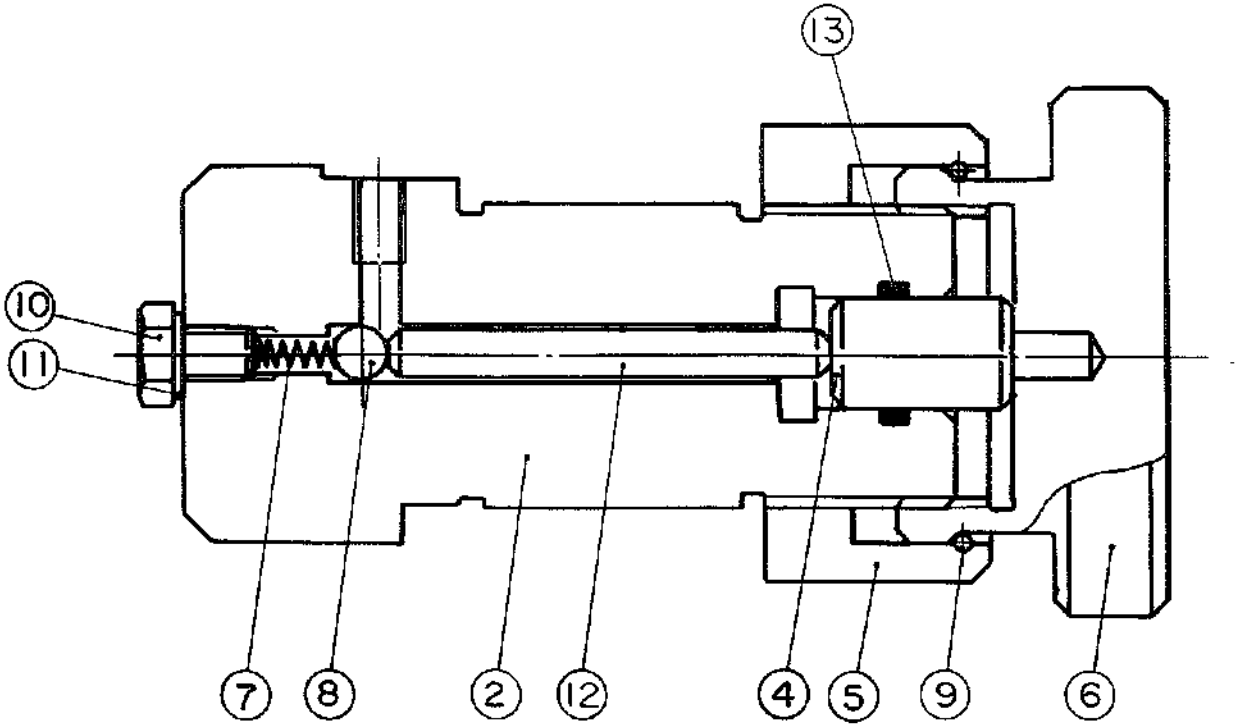
RG-100S, 100, 100L, 125

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36133601	Sequence valve ass'y	4041561a	1	1	–	–	–	–	–	–	–	–	
1	36133602	Sequence valve ass'y	4124533	–	–	1	–	–	–	–	–	–	–	
1	36133603	Sequence valve ass'y	4123994b	–	–	–	1	1	1	–	–	–	–	
1	36133604	Sequence valve ass'y	4124165b	–	–	–	–	–	–	1	1	1	–	
1	36133605	Sequence valve ass'y	4124448b	–	–	–	–	–	–	–	–	–	1	
2	36133801	Push rod	4041562	1	1	–	–	–	–	–	–	–	–	
2	36133802	Push rod	4124534	–	–	1	–	–	–	–	–	–	–	
3	36133713	Spool	4041563b	1	1	–	–	–	–	–	–	–	–	
3	36133715	Spool	4124535	–	–	1	–	–	–	–	–	–	–	
4	36133622	Block (C)	4041564b	1	1	1	–	–	–	–	–	–	–	
5	36133810	Spring	4041565a	1	1	1	–	–	–	–	–	–	–	
6	36133623	Block (B)	4041566a	1	1	1	–	–	–	–	–	–	–	
7	36133624	Block (C)	4041567	1	1	1	–	–	–	–	–	–	–	
8	36133816	Stopper	4047860	1	1	1	–	–	–	–	–	–	–	
9	36147110	Cap screw	M6 x 35	4	4	4	–	–	–	–	–	–	–	
10	36147112 (74314409)	Cap screw	M6 x 50	4	4	4	–	–	–	–	–	–	–	
11	36147401	O-ring	1AP10	1	1	1	–	–	–	–	–	–	–	
12	36147423	O-ring	1BP30	2	2	2	–	–	–	–	–	–	–	
13	36133625	Block	4123995	–	–	–	1	1	1	–	–	–	–	
13	36133626	Block	4124166	–	–	–	–	–	–	1	1	1	–	
13	36133627	Block	4124449	–	–	–	–	–	–	–	–	–	1	
14	36134007 (58147621)	Plug	PT 1/8"	–	–	–	1	1	1	4	4	4	4	
18	36133822	Plate	4124731	–	–	–	–	–	–	1	1	1	–	
19	36147412	O-ring	1BP9	–	–	–	–	–	–	3	3	3	–	
20	36133707	Ball support	4095480	–	–	–	–	–	–	1	1	1	1	
21	36134016	Steel ball	5/16"	–	–	–	–	–	–	1	1	1	1	
22	36133714	Spool	4096345	–	–	–	–	–	–	1	1	1	1	
23	36134001	Cone disk spring	R11	–	–	–	–	–	–	13	13	13	13	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
24	36133727	Cap	4096344a	–	–	–	–	–	–	1	1	1	1	
25	36147102 (75168220)	Cap screw	M5 x 15	–	–	–	–	–	–	4	4	4	4	
26	36147413	O-ring	1BP10	–	–	–	–	–	–	1	1	1	1	
27	36147004 (36323015)	Bolt	M6 x 20	–	–	–	–	–	–	1	1	1	1	
28	36147805	Nut	M6 type-3	–	–	–	–	–	–	1	1	1	1	
29	36133726	Cap	4095483	–	–	–	–	–	–	1	1	1	1	
30	36134008 (44552306)	Plug	PT 3/8"	–	–	–	–	–	–	1	1	1	1	
31	36147110 (74304905)	Cap screw	M6 x 35	–	–	–	–	–	–	4	4	4	4	
32	36147414 (38123327)	O-ring	1BP12	–	–	–	–	–	–	4	4	4	4	
33	36133701	Solenoid valve	7938038	–	–	–	1	1	1	1	1	1	1	
34	36147122 (74304910)	Cap screw	M8 x 55	2	2	2	–	–	–	–	–	–	–	
34	36147133 (74314415)	Cap screw	M10 x 50	–	–	–	2	2	2	–	–	–	–	
34	36147136 (74314417)	Cap screw	M10 x 70	–	–	–	–	–	–	4	4	4	4	
35	36147128 (38124012)	Cap screw	M10 x 25	–	–	–	2	2	2	–	–	–	–	

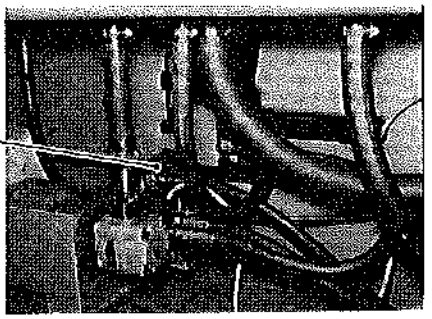
Unit No. 18
Cut-off valve

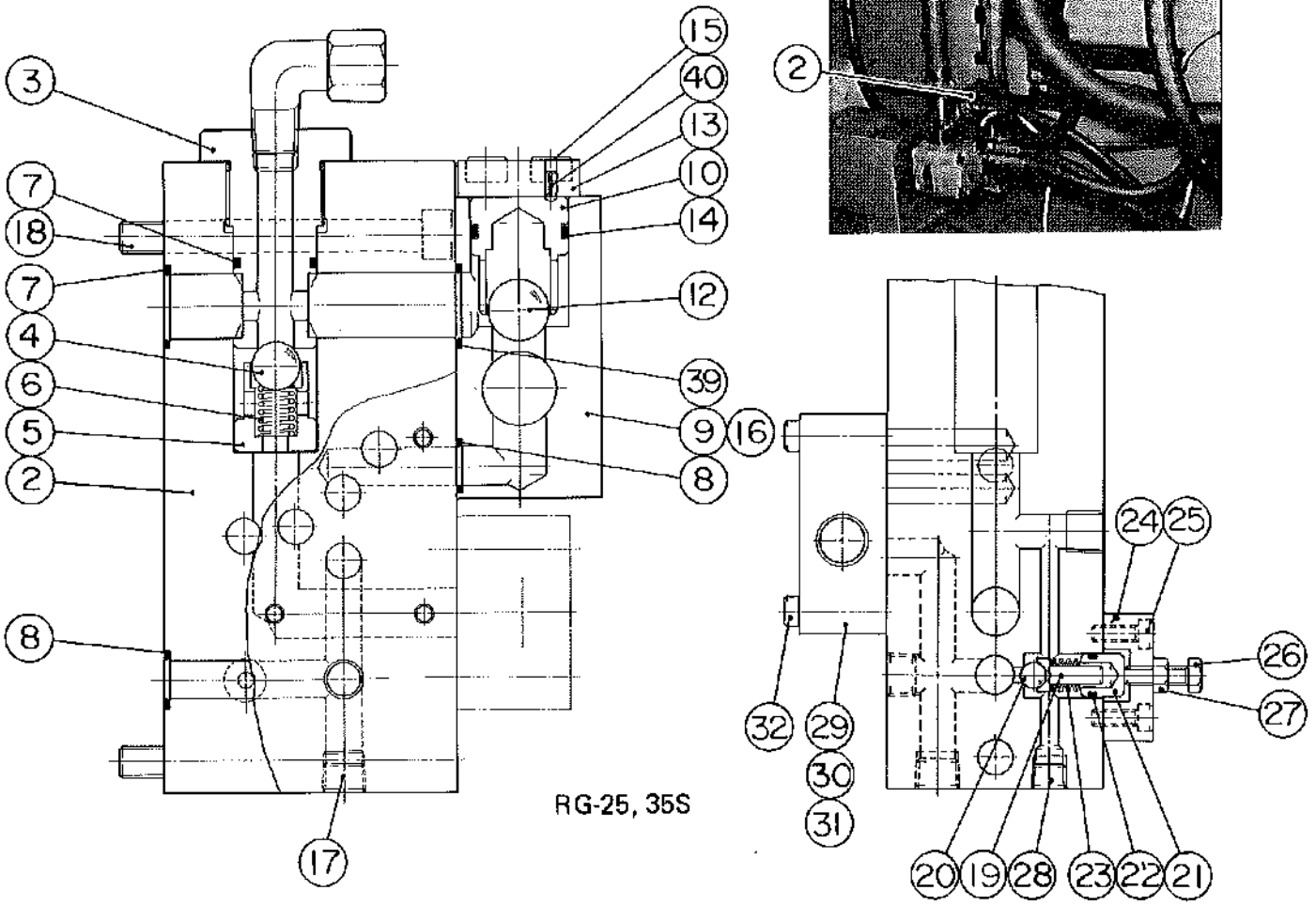


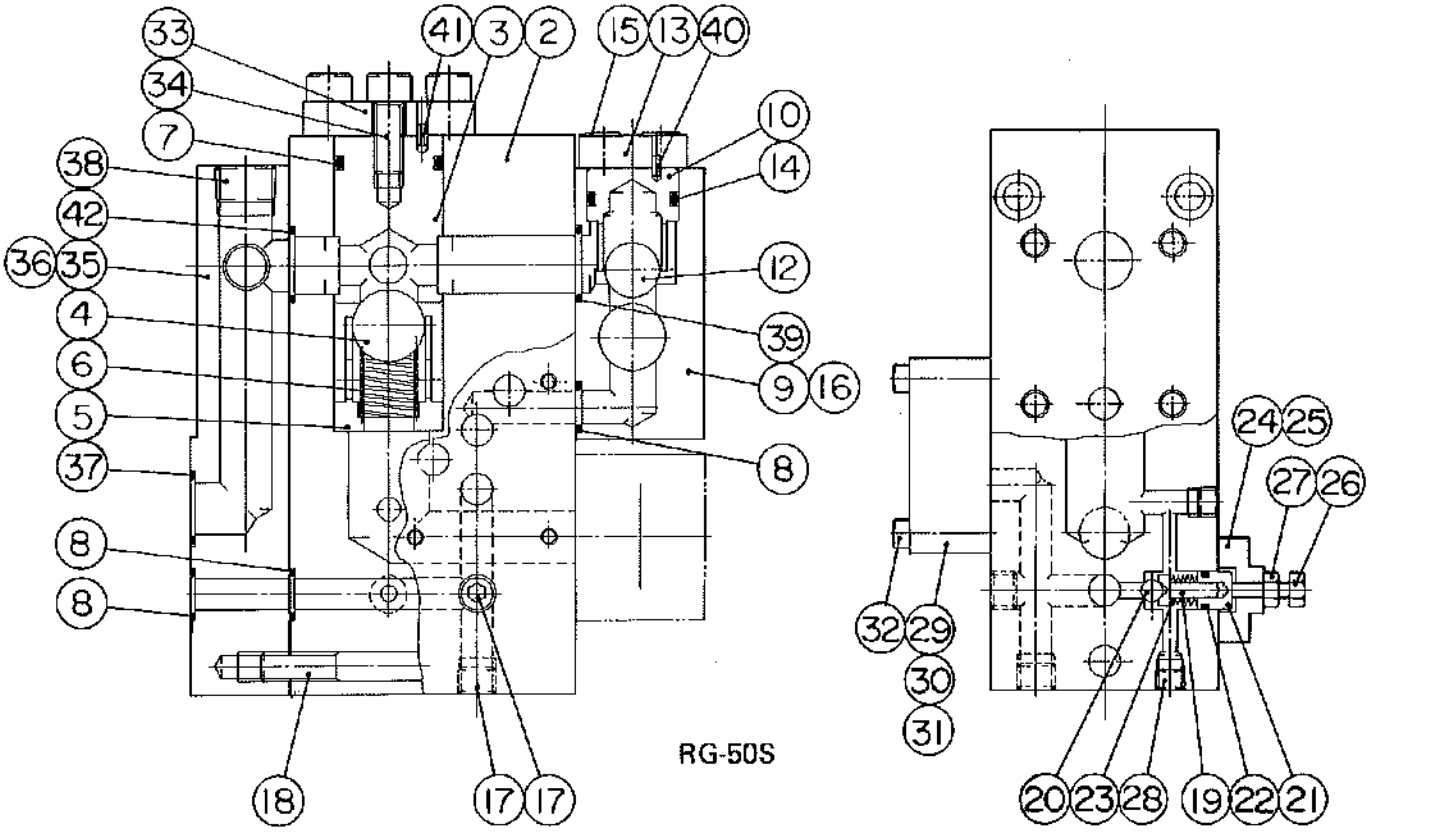


Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36134401	Cut-off valve ass'y	4091372	1	–	–	–	–	–	–	–	–	–	
1	36134402	Cut-off valve ass'y	4091374	–	1	–	–	–	–	–	–	–	–	
1	36134403	Cut-off valve ass'y	4091376	–	–	1	1	–	–	–	–	–	–	
1	36134404	Cut-off valve ass'y	4091378	–	–	–	–	1	1	1	1	1	1	
2	36134418	Valve body	4091373	1	–	–	–	–	–	–	–	–	–	
2	36134419	Valve body	4091375	–	1	–	–	–	–	–	–	–	–	
2	36134420	Valve body	4091377	–	–	1	1	–	–	–	–	–	–	
2	36134421	Valve body	4091379	–	–	–	–	1	1	1	1	1	1	
4	36134517	Spool	50.42515.1	1	1	1	1	1	1	1	1	1	1	
5	36134522	Lock nut	50.28059.1a	1	1	1	1	1	1	1	1	1	1	
6	36134527	Adjusting screw	50.57514.1	1	1	1	1	1	1	1	1	1	1	
7	36134532 (36325708)	Pressure spring	50.44046.3	1	1	1	1	1	1	1	1	1	1	
8	36133127	Steel ball	ϕ7	1	1	1	1	1	1	1	1	1	1	
9	36134707	Steel ball	ϕ3.175	1	1	1	1	1	1	1	1	1	1	
10	36147005 (36325722)	Bolt	M8 x 10	1	1	1	1	1	1	1	1	1	1	
11	36134701	Seal washer	W8	1	1	1	1	1	1	1	1	1	1	
12	36134501	Cut-off bar	50.48027.0	1	–	–	–	–	–	–	–	–	–	
12	36134502	Cut-off bar	50.48028.0	–	1	–	–	–	–	–	–	–	–	
12	36134503	Cut-off bar	50.48029.0	–	–	1	1	–	–	–	–	–	–	
12	36134504	Cut-off bar	50.48030.0	–	–	–	–	1	1	1	1	1	1	
13	36147416	O-ring	1BP15	1	1	1	1	1	1	1	1	1	1	

Unit No. 19
Check valve



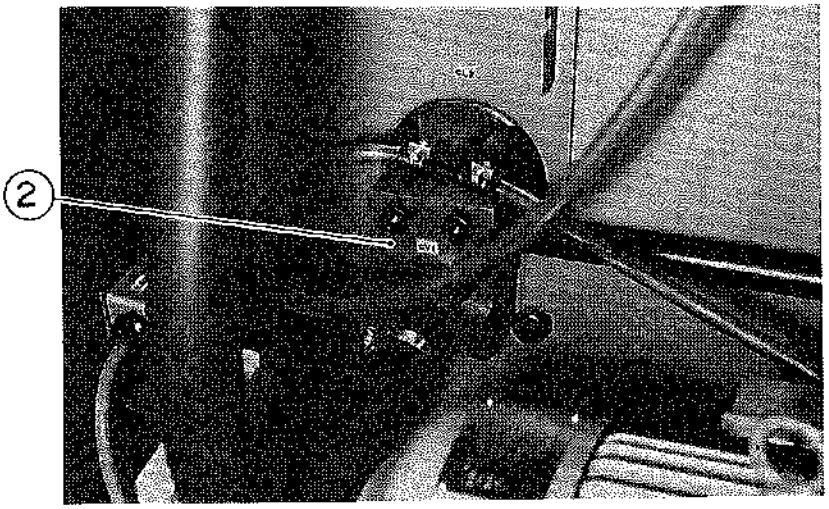


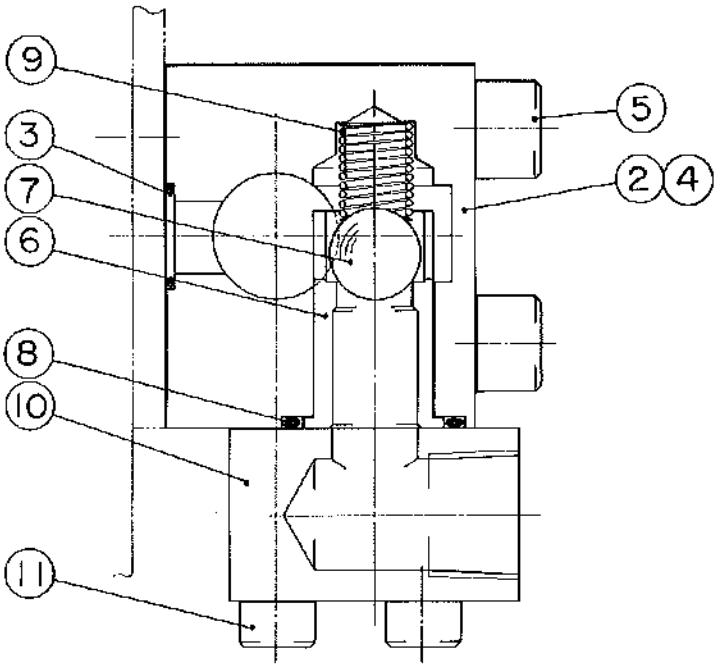


Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36135201	Check valve ass'y	4096341b	1	1	–	–	–	–	–	–	–	–	
1	36135207	Check valve (III) ass'y	4123081a	–	–	1	–	–	–	–	–	–	–	
2	36135233	Valve body	4096342	1	1	–	–	–	–	–	–	–	–	
2	36135234	Valve body	4123082	–	–	1	–	–	–	–	–	–	–	
3	36135501	Valve seat	4041577b	1	1	–	–	–	–	–	–	–	–	
3	36135502	Valve seat	4123083a	–	–	1	–	–	–	–	–	–	–	
4	36135702	Steel ball	ϕ15	1	1	–	–	–	–	–	–	–	–	
4	36135701	Steel ball	1"	–	–	1	–	–	–	–	–	–	–	
5	36135318	Ball guide	4041578	1	1	–	–	–	–	–	–	–	–	
5	36135323	Ball guide	4123084	–	–	1	–	–	–	–	–	–	–	
6	36135401	Spring	4041579	1	1	–	–	–	–	–	–	–	–	
6	36135403	Spring	4047506	–	–	1	–	–	–	–	–	–	–	
7	36147418 (38121649)	O-ring	1BP22	2	2	–	–	–	–	–	–	–	–	
7	36147424 (38123330)	O-ring	1BP32	–	–	1	–	–	–	–	–	–	–	
8	36147415	O-ring	1BP14	2	2	3	–	–	–	–	–	–	–	
9	36135303	Block	4096343	1	1	1	–	–	–	–	–	–	–	
10	36135321	Ball guide	4045946b	1	1	1	–	–	–	–	–	–	–	
12	36135703	Steel ball	ϕ19	1	1	1	–	–	–	–	–	–	–	
13	36135427	Cap	4045947a	1	1	1	–	–	–	–	–	–	–	
14	36147419	O-ring	1BP24	1	1	1	–	–	–	–	–	–	–	
15	36147114 (73157630)	Cap screw	M8 x 15	4	4	4	–	–	–	–	–	–	–	
16	36147132 (36113117)	Cap screw	M10 x 45	4	4	4	–	–	–	–	–	–	–	
17	36135728 (58141008)	Plug	PT 1/4"	2	2	2	–	–	–	–	–	–	–	
18	36147139	Cap screw	M10 x 90	3	3	–	–	–	–	–	–	–	–	
18	36147140	Cap screw	M10 x 100	–	–	3	–	–	–	–	–	–	–	
19	36135510	Ball support	4095480	1	1	1	–	–	–	–	–	–	–	
20	36135706	Steel ball	5/16"	1	1	1	–	–	–	–	–	–	–	
21	36135516	Spool	4096345	1	1	1	–	–	–	–	–	–	–	

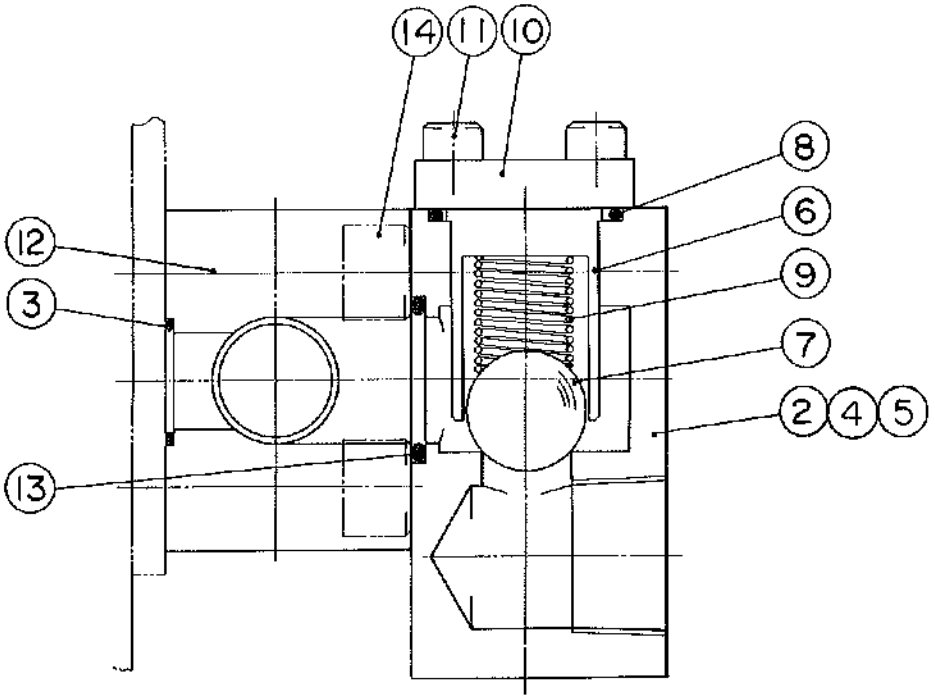
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
22	36147413	O-ring	1BP10	1	1	1	–	–	–	–	–	–	–	
23	36135721	Cone disk spring	R11	13	13	13	–	–	–	–	–	–	–	
24	36135428	Cap	4096344a	1	1	1	–	–	–	–	–	–	–	
25	36147102 (75168220)	Cap screw	M5 x 15	4	4	4	–	–	–	–	–	–	–	
26	36147004 (36323015)	Bolt	M6 x 20	1	1	1	–	–	–	–	–	–	–	
27	36147805 (74304422)	Nut	M6 type-3	1	1	1	–	–	–	–	–	–	–	
28	36134007 (58147621)	Plug	PT 1/8"	1	1	2	–	–	–	–	–	–	–	
29	36135429	Cap	4095483	1	1	1	–	–	–	–	–	–	–	
30	36134008 (44552306)	Plug	PT 3/8"	1	1	1	–	–	–	–	–	–	–	
31	36147414 (38123327)	O-ring	1BP12	4	4	4	–	–	–	–	–	–	–	
32	36147110 (74304905)	Cap screw	M6 x 35	4	4	4	–	–	–	–	–	–	–	
33	36135426	Cap	4043997a	–	–	1	–	–	–	–	–	–	–	
34	36147128 (38124012)	Cap screw	M10 x 25	–	–	5	–	–	–	–	–	–	–	
35	36135304	Block	4123085	–	–	1	–	–	–	–	–	–	–	
36	36147131 (74304913)	Cap screw	M10 x 40	–	–	4	–	–	–	–	–	–	–	
37	36147419	O-ring	1BP24	–	–	1	–	–	–	–	–	–	–	
38	36135729 (76175414)	Plug	PT 1/2"	–	–	1	–	–	–	–	–	–	–	
39	36147418 (38121649)	O-ring	1BP22	1	1	1	–	–	–	–	–	–	–	
40	36147901	Spring pin	ϕ3 x 8ℓ	1	1	1	–	–	–	–	–	–	–	
41	36147901	Spring pin	ϕ3 x 8ℓ	–	–	1	–	–	–	–	–	–	–	
42	36147418 (38121649)	O-ring	1BP22	–	–	1	–	–	–	–	–	–	–	

Unit No. 20
Check valve (I)





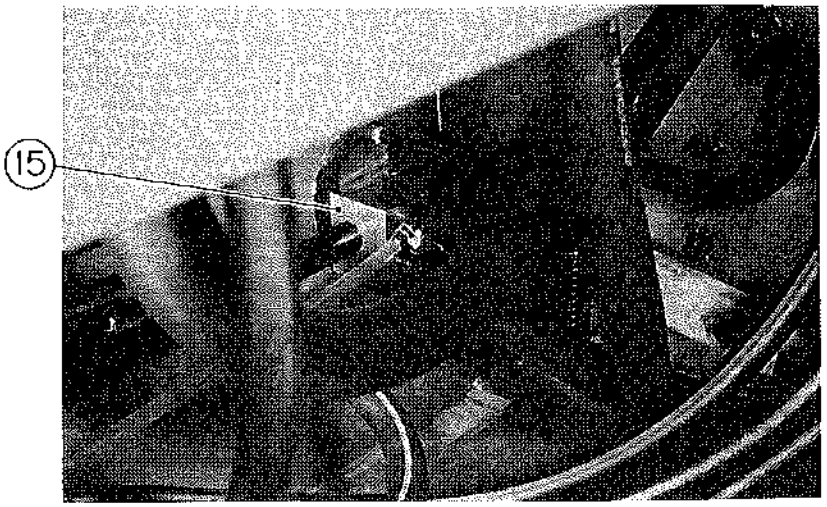
RG-50, 80S, 80

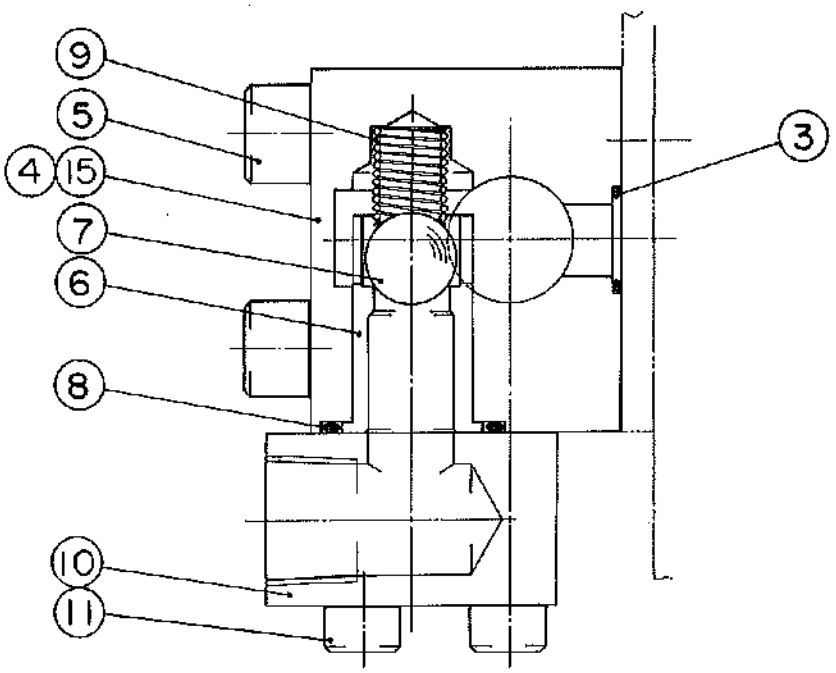


RG-100S, 100, 100L, 125

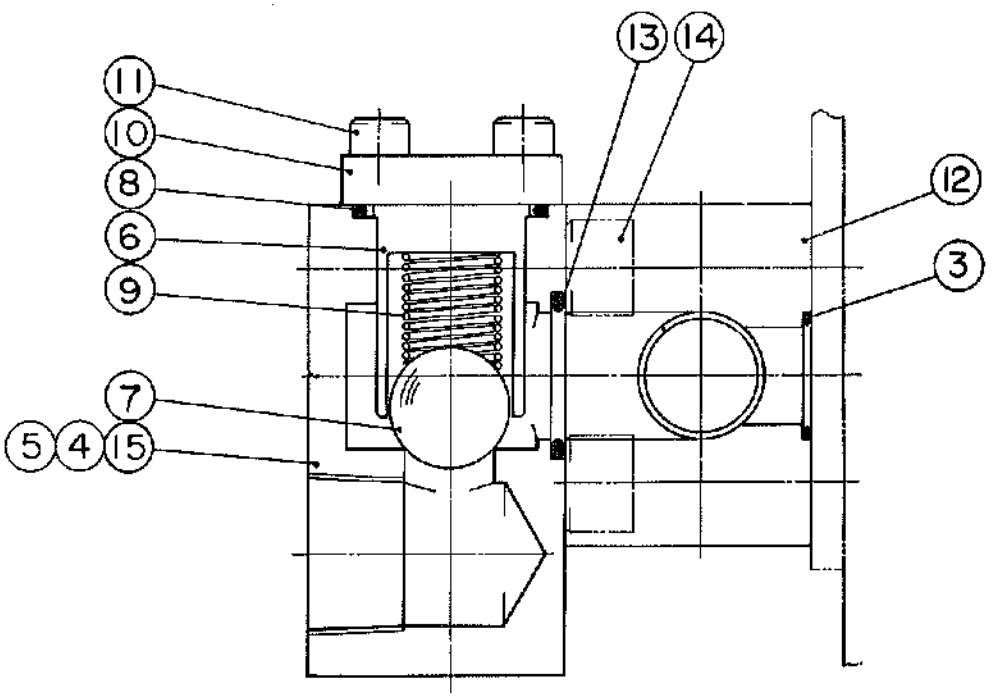
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36135202	Check valve (I) ass'y	4045010b	–	–	–	1	1	1	–	–	–	–	
1	36135203	Check valve (I) ass'y	4047502a	–	–	–	–	–	–	1	1	1	1	
2	36135230	Valve body	4045011b	–	–	–	1	1	1	–	–	–	–	
2	36135232	Valve body	4047504a	–	–	–	–	–	–	1	1	1	1	
3	36147418 (38121649)	O-ring	1BP22	–	–	–	1	1	1	1	1	1	1	
4	36147421 (36111006)	O-ring	1BP26	–	–	–	2	2	2	2	2	2	2	
5	36147146	Cap screw	M14 x 80	–	–	–	4	4	4	–	–	–	–	
5	36147134 (10567317)	Cap screw	M10 x 55	–	–	–	–	–	–	4	4	4	4	
6	36135320	Ball guide	4045012c	–	–	–	1	1	1	–	–	–	–	
6	36135322	Ball guide	4047505	–	–	–	–	–	–	1	1	1	1	
7	36135703	Steel ball	ϕ19	–	–	–	1	1	1	–	–	–	–	
7	36135704	Steel ball	ϕ25	–	–	–	–	–	–	1	1	1	1	
8	36147424 (38123330)	O-ring	1BP32	–	–	–	1	1	1	–	–	–	–	
8	36147425 (36326120)	O-ring	1BP34	–	–	–	–	–	–	1	1	1	1	
9	36135402	Spring	4047294	–	–	–	1	1	1	–	–	–	–	
9	36135403	Spring	4047506	–	–	–	–	–	–	1	1	1	1	
10	36135415	Valve cap	4045013	–	–	–	1	1	1	–	–	–	–	
10	36135416	Valve cap	4047507	–	–	–	–	–	–	1	1	1	1	
11	36147132 (36113117)	Cap screw	M10 x 45	–	–	–	4	4	4	–	–	–	–	
11	36147128 (38124012)	Cap screw	M10 x 25	–	–	–	–	–	–	4	4	4	4	
12	36135301	Block	4047503	–	–	–	–	–	–	1	1	1	1	
13	36147422	O-ring	1BP28	–	–	–	–	–	–	1	1	1	1	
14	36147145	Cap screw	M14 x 60	–	–	–	–	–	–	4	4	4	4	

Unit No. 21
Check valve (II)





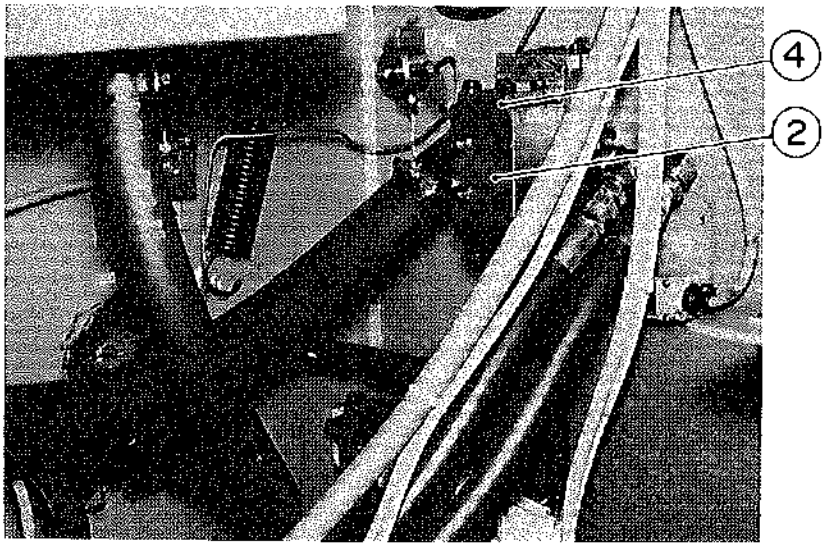
RG-50, 80S, 80

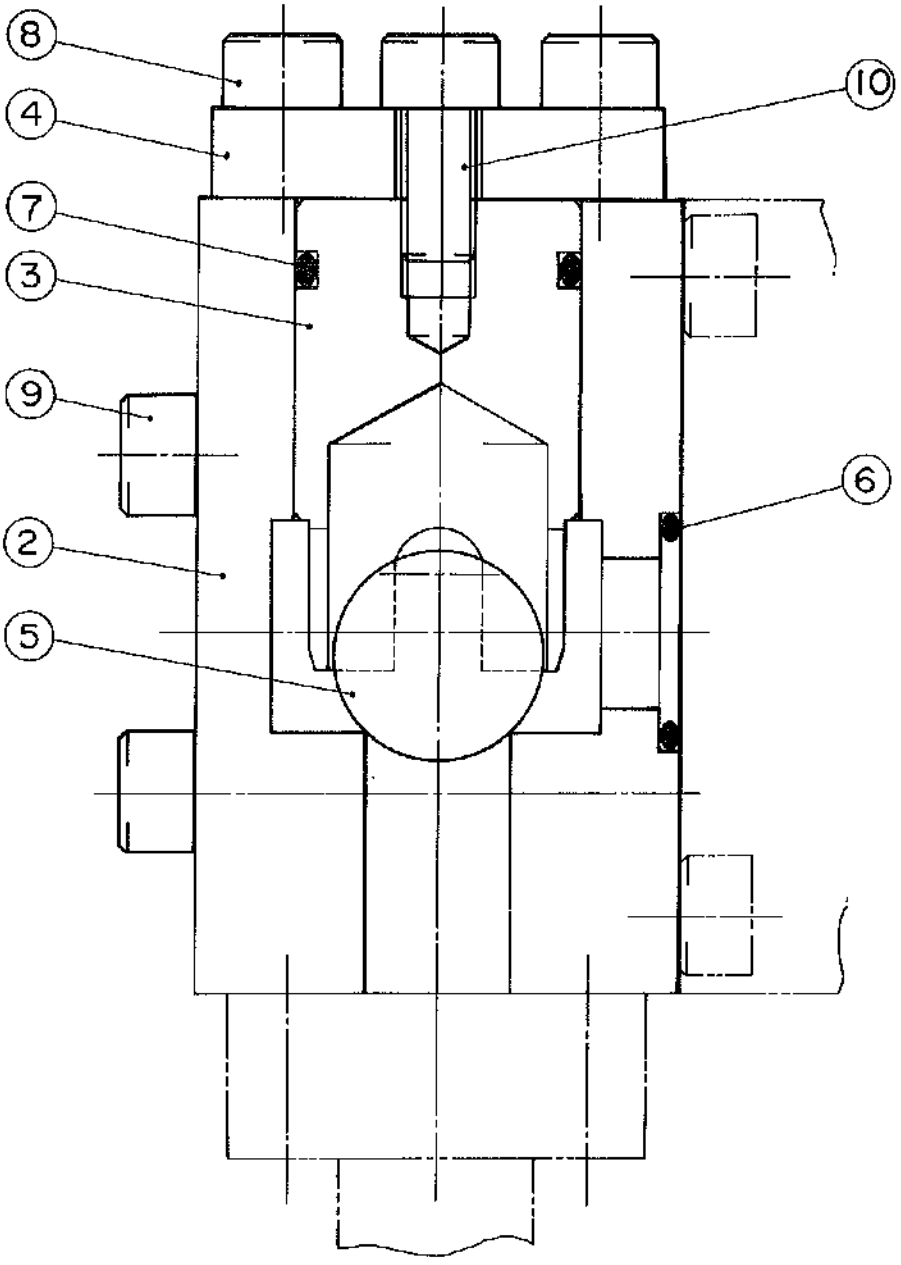


RG-100S, 100, 100L, 125

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36135204	Check valve (II) ass'y	4045014b	–	–	–	1	1	1	–	–	–	–	
1	36135205	Check valve (II) ass'y	4047508a	–	–	–	–	–	–	1	1	1	1	
3	36147418 (38121649)	O-ring	1BP22	–	–	–	1	1	1	1	1	1	1	
4	36147421 (36111006)	O-ring	1BP26	–	–	–	2	2	2	2	2	2	2	
5	36147146	Cap screw	M14 x 80	–	–	–	4	4	4	–	–	–	–	
5	36147134 (10567317)	Cap screw	M10 x 55	–	–	–	–	–	–	4	4	4	4	
6	36135320	Ball guide	4045012c	–	–	–	1	1	1	–	–	–	–	
6	36135322	Ball guide	4047505	–	–	–	–	–	–	1	1	1	1	
7	36135703	Steel ball	ϕ19	–	–	–	1	1	1	–	–	–	–	
7	36135704	Steel ball	ϕ25	–	–	–	–	–	–	1	1	1	1	
8	36147424 (38123330)	O-ring	1BP32	–	–	–	1	1	1	–	–	–	–	
8	36147425 (36326120)	O-ring	1BP34	–	–	–	–	–	–	1	1	1	1	
9	36135402	Spring	4047294	–	–	–	1	1	1	–	–	–	–	
9	36135403	Spring	4047506	–	–	–	–	–	–	1	1	1	1	
10	36135415	Valve cap	4045013	–	–	–	1	1	1	–	–	–	–	
10	36135416	Valve cap	4047507	–	–	–	–	–	–	1	1	1	1	
11	36147132 (36113117)	Cap screw	M10 x 45	–	–	–	4	4	4	–	–	–	–	
11	36147128 (38124012)	Cap screw	M10 x 25	–	–	–	–	–	–	4	4	4	4	
12	36135302	Block	4047509	–	–	–	–	–	–	1	1	1	1	
13	36147422	O-ring	1BP28	–	–	–	–	–	–	1	1	1	1	
14	36147145	Cap screw	M14 x 60	–	–	–	–	–	–	4	4	4	4	
15	36135231	Valve body	4045015b	–	–	–	1	1	1	–	–	–	–	
15	36135232	Valve body	4047504a	–	–	–	–	–	–	1	1	1	1	

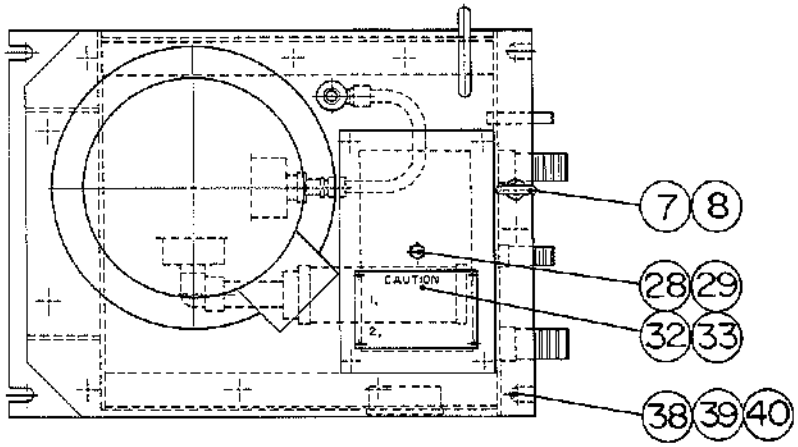
Unit No. 22
Check valve (III)

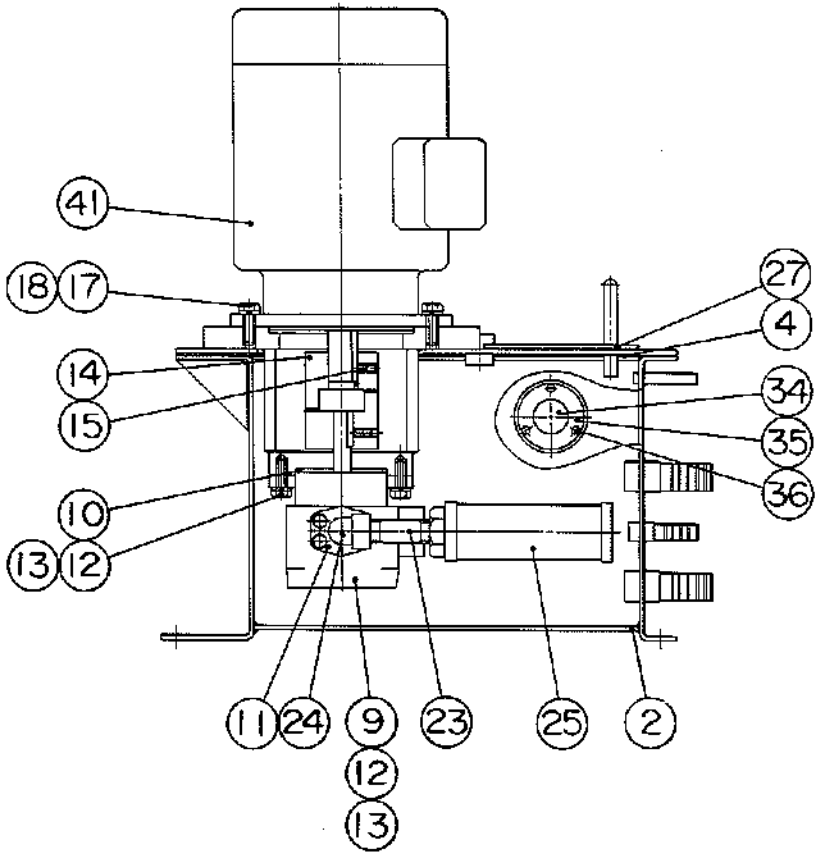


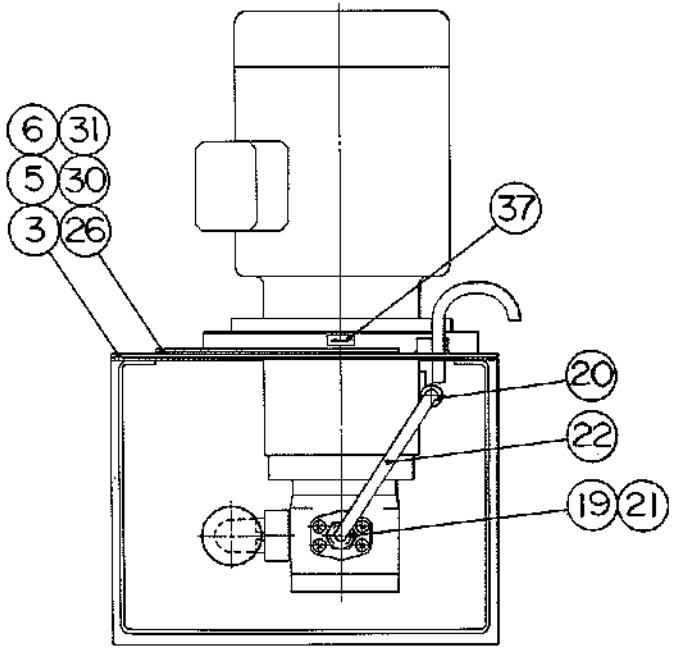


Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36135206	Check valve (III) ass'y	4046173a	–	–	–	1	1	1	1	1	1	1	
2	36135229	Valve body	4043995	–	–	–	1	1	1	1	1	1	1	
3	36135319	Ball guide	4043996	–	–	–	1	1	1	1	1	1	1	
4	36135414	Valve cap	4043997	–	–	–	1	1	1	1	1	1	1	
5	36135705	Steel ball	ϕ28	–	–	–	1	1	1	1	1	1	1	
6	36147421 (36111006)	O-ring	1BP26	–	–	–	1	1	1	1	1	1	1	
7	36147424 (38123330)	O-ring	1BP32	–	–	–	1	1	1	1	1	1	1	
8	36147128 (38124012)	Cap screw	M10 x 25	–	–	–	4	4	4	4	4	4	4	
9	36147137 (74306323)	Cap screw	M10 x 75	–	–	–	4	4	4	4	4	4	4	
10	36147127 (44028704)	Cap screw	M10 x 20	–	–	–	1	1	1	1	1	1	1	

Unit No. 23
Pump unit

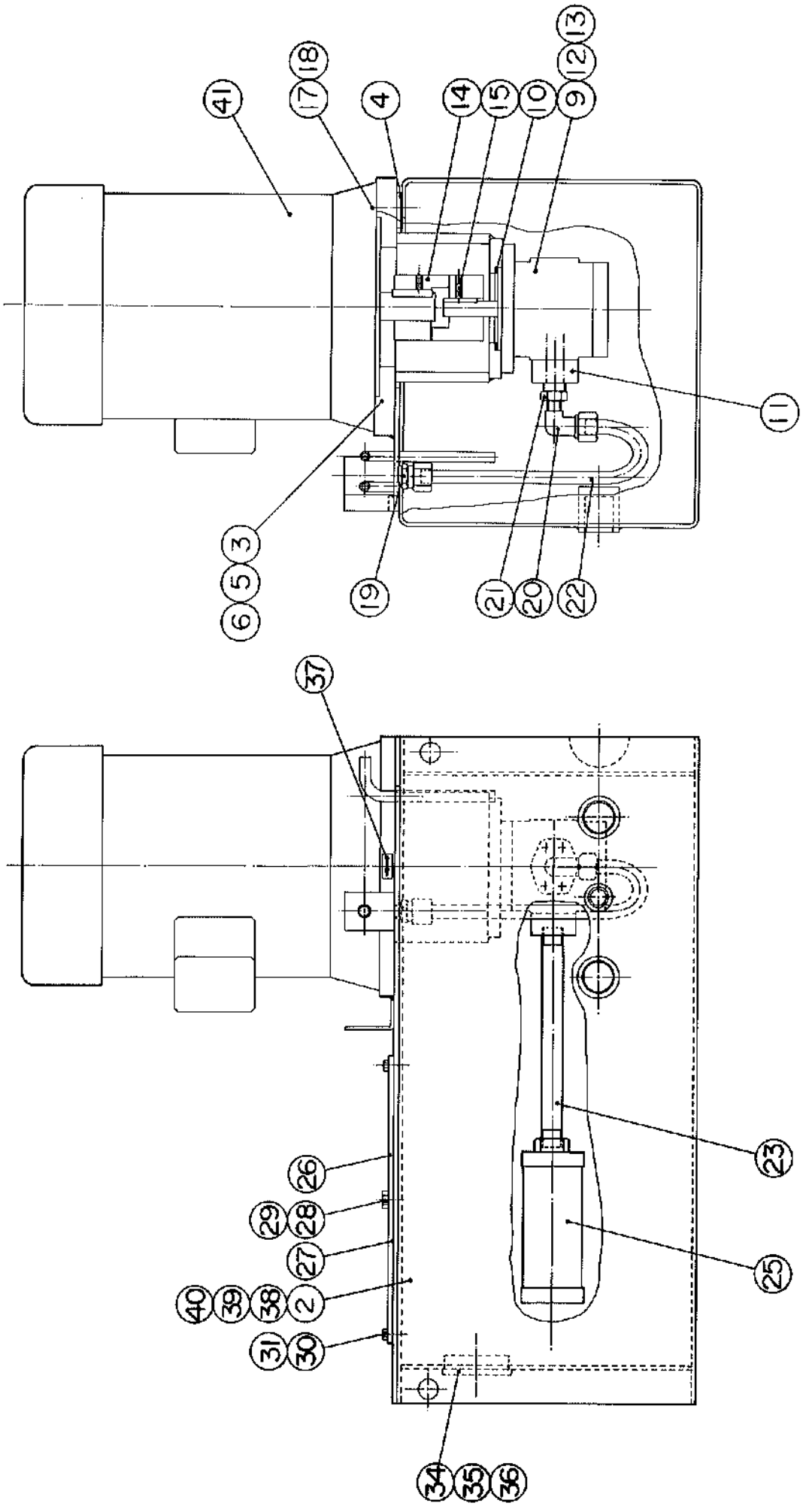






Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36136205	Pump unit	4121366a	1	–	–	–	–	–	–	–	–	–	
1	36136206	Pump unit	4121367b	–	1	–	–	–	–	–	–	–	–	
2	36136230	Tank	4099090a	1	1	–	–	–	–	–	–	–	–	
3	36136302	Tank cover	4099091b	1	–	–	–	–	–	–	–	–	–	
3	36136303	Tank cover	4099148b	–	1	–	–	–	–	–	–	–	–	
4	36136319	Packing	4099101	1	1	–	–	–	–	–	–	–	–	
5	36147003	Bolt	M6 x 12	9	9	–	–	–	–	–	–	–	–	
6	36147705 (44027930)	Washer	M6	9	9	–	–	–	–	–	–	–	–	
7	36148001 (10562401)	Eye bolt	M10	3	3	–	–	–	–	–	–	–	–	
8	36147808 (10001516)	Nut	M10	3	3	–	–	–	–	–	–	–	–	
9	36136801	Pump	IPH-2B-3.5-3527A	1	1	–	–	–	–	–	–	–	–	
10	36136317	Packing	4098362	1	1	–	–	–	–	–	–	–	–	
11	36136901	Flange kit	IHF-2-T-20	1	1	–	–	–	–	–	–	–	–	
12	36147011 (10001510)	Bolt	M10 x 25	2	2	–	–	–	–	–	–	–	–	
13	36147710 (74300512)	Washer	M10	2	2	–	–	–	–	–	–	–	–	
14	36136402	Coupling	4099100a	1	–	–	–	–	–	–	–	–	–	
14	36136401	Coupling	4098357a	–	1	–	–	–	–	–	–	–	–	
15	36147507	Set screw (cup end)	M6 x 8	4	4	–	–	–	–	–	–	–	–	
17	36147012 (36327603)	Bolt	M10 x 30	4	–	–	–	–	–	–	–	–	–	
17	36147023	Bolt	M12 x 35	–	4	–	–	–	–	–	–	–	–	
18	36147710 (74300512)	Washer	M10	4	–	–	–	–	–	–	–	–	–	
18	36147713 (44028618)	Washer	M12	–	4	–	–	–	–	–	–	–	–	
19	36136923	Pipe fitting (nipple type)	A-1/8 B-PT 1/4	1	1	–	–	–	–	–	–	–	–	
20	36136925	Pipe fitting (elbow type)	B-1/8 B-PT 1/4	1	1	–	–	–	–	–	–	–	–	
21	36137012	Bushing	BUT 1/2 x 1/4	1	1	–	–	–	–	–	–	–	–	
22	36136519	Pipe	4099106a	1	1	–	–	–	–	–	–	–	–	
23	36136534	Suction pipe	4041627	1	1	–	–	–	–	–	–	–	–	
24	36137110	Male-female elbow	PT 1/2"	1	1	–	–	–	–	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
25	36136914	Suction filter	SFN-KW-04-PT 1/2	1	1	–	–	–	–	–	–	–	–	
26	36136433	Cover	4099096	1	1	–	–	–	–	–	–	–	–	
27	36136320	Packing	4099102	1	1	–	–	–	–	–	–	–	–	
28	36147007 (10001512)	Bolt	M8 x 25	1	1	–	–	–	–	–	–	–	–	
29	36147806	Nut	M8 type-2	2	2	–	–	–	–	–	–	–	–	
30	36147113 (36329937)	Cap screw	M8 x 10	4	4	–	–	–	–	–	–	–	–	
31	36147707 (74300511)	Washer	M8	4	4	–	–	–	–	–	–	–	–	
32	36136607 (36327521)	Legend plate (caution)	4095623	1	1	–	–	–	–	–	–	–	–	
33	36148007	Drive screw rivet	ϕ1.8 x 4.8	4	4	–	–	–	–	–	–	–	–	
34	36136907	Oil level gauge	OLG-40	1	1	–	–	–	–	–	–	–	–	
35	36136530 (36328812)	Support	383118a	1	1	–	–	–	–	–	–	–	–	
36	36147313 (74303113)	Pan head machine screw	M6 x 8	3	3	–	–	–	–	–	–	–	–	
37	36137006	Sticker (rotation)	AS-K1001	1	1	–	–	–	–	–	–	–	–	
38	36147124	Cap screw	M10 x 10	4	4	–	–	–	–	–	–	–	–	
39	36147611 (10001520)	Spring washer	M10	4	4	–	–	–	–	–	–	–	–	
40	36147710 (74300512)	Washer	M10	4	4	–	–	–	–	–	–	–	–	
41	36136821	Motor	MLA3097G 1.5 kW 4P	1	–	–	–	–	–	–	–	–	–	
41	36136822	Motor	MLA3107G 2.2 kW 4P	–	1	–	–	–	–	–	–	–	–	

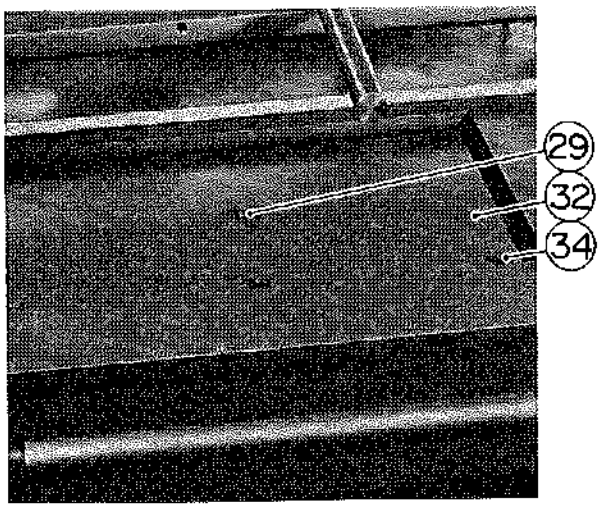


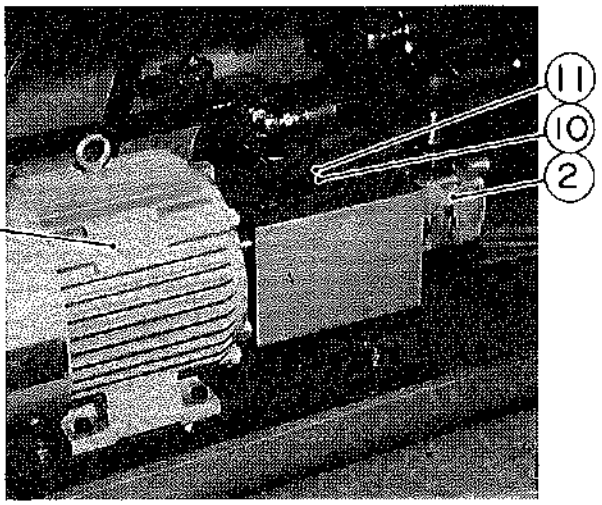
Unit No. 23
Pump unit

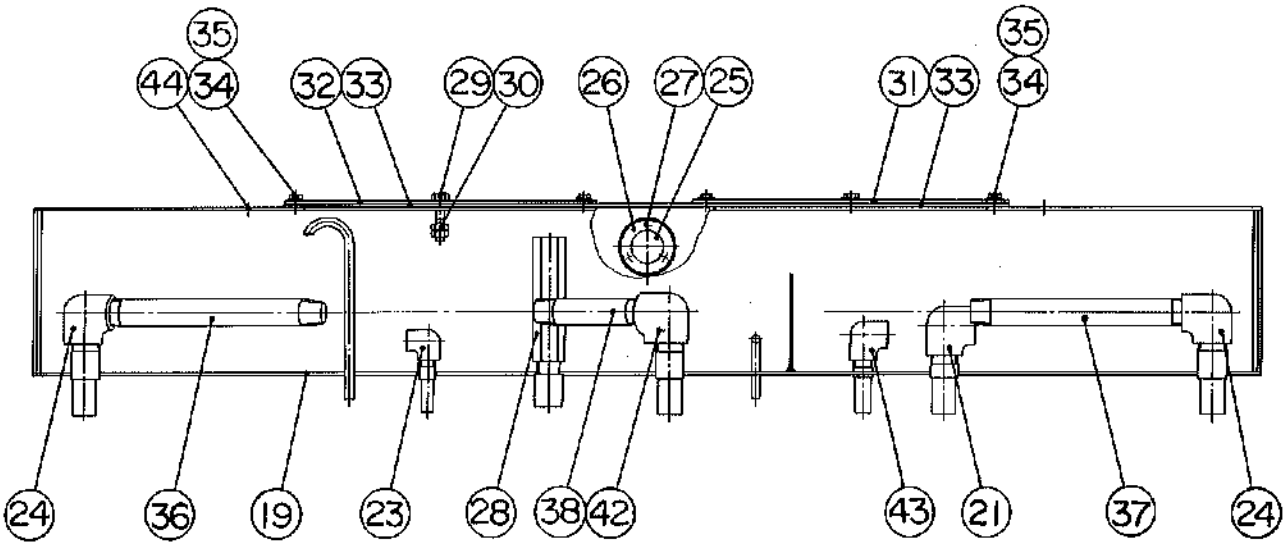
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36136207	Pump unit	4124562b	–	–	1	–	–	–	–	–	–	–	
2	36136229	Tank	4098346d	–	–	1	–	–	–	–	–	–	–	
3	36136301	Tank cover	4098350e	–	–	1	–	–	–	–	–	–	–	
4	36136318	Packing	4098363b	–	–	1	–	–	–	–	–	–	–	
5	36147002 (36323423)	Bolt	M6 x 10	–	–	12	–	–	–	–	–	–	–	
6	36147705 (44027930)	Washer	M6	–	–	12	–	–	–	–	–	–	–	
9	36136802	Pump	IPH-2B-5	–	–	1	–	–	–	–	–	–	–	
10	36136317	Packing	4098362	–	–	1	–	–	–	–	–	–	–	
11	36136901	Flange kit	IHF-2-T-20	–	–	2	–	–	–	–	–	–	–	
12	36147011 (10001510)	Bolt	M10 x 25	–	–	2	–	–	–	–	–	–	–	
13	36147710 (74300512)	Washer	M10	–	–	2	–	–	–	–	–	–	–	
14	36136401	Coupling	4098357a	–	–	1	–	–	–	–	–	–	–	
15	36147508 (10556922)	Set screw (cup end)	M6 x 10	–	–	4	–	–	–	–	–	–	–	
17	36147022 (36327605)	Bolt	M12 x 30	–	–	4	–	–	–	–	–	–	–	
18	36147713 (44028618)	Washer	M12	–	–	4	–	–	–	–	–	–	–	
19	36136922	Pipe fitting (nipple type)	A-1/4 B-PT 1/4	–	–	1	–	–	–	–	–	–	–	
20	36136924	Pipe fitting (elbow type)	B-1/4 B-PT 1/4	–	–	1	–	–	–	–	–	–	–	
21	36137012	Bushing	BUT 1/2 x 1/4	–	–	1	–	–	–	–	–	–	–	
22	36136517	Pipe	4098358a	–	–	1	–	–	–	–	–	–	–	
23	36136518	Pipe	4098359	–	–	1	–	–	–	–	–	–	–	
25	36136913	Suction filter	SFN-04	–	–	1	–	–	–	–	–	–	–	
26	36136432	Cover	4098360a	–	–	1	–	–	–	–	–	–	–	
27	36136316	Packing	4098361a	–	–	1	–	–	–	–	–	–	–	
28	36147016	Bolt	M10 x 50	–	–	1	–	–	–	–	–	–	–	
29	36147809 (36327621)	Nut	M10 type-2	–	–	2	–	–	–	–	–	–	–	
30	36147002 (36323423)	Bolt	M6 x 10	–	–	6	–	–	–	–	–	–	–	
31	36147705 (44027930)	Washer	M6	–	–	6	–	–	–	–	–	–	–	
34	36136907	Oil level gauge	OLG-40	–	–	1	–	–	–	–	–	–	–	

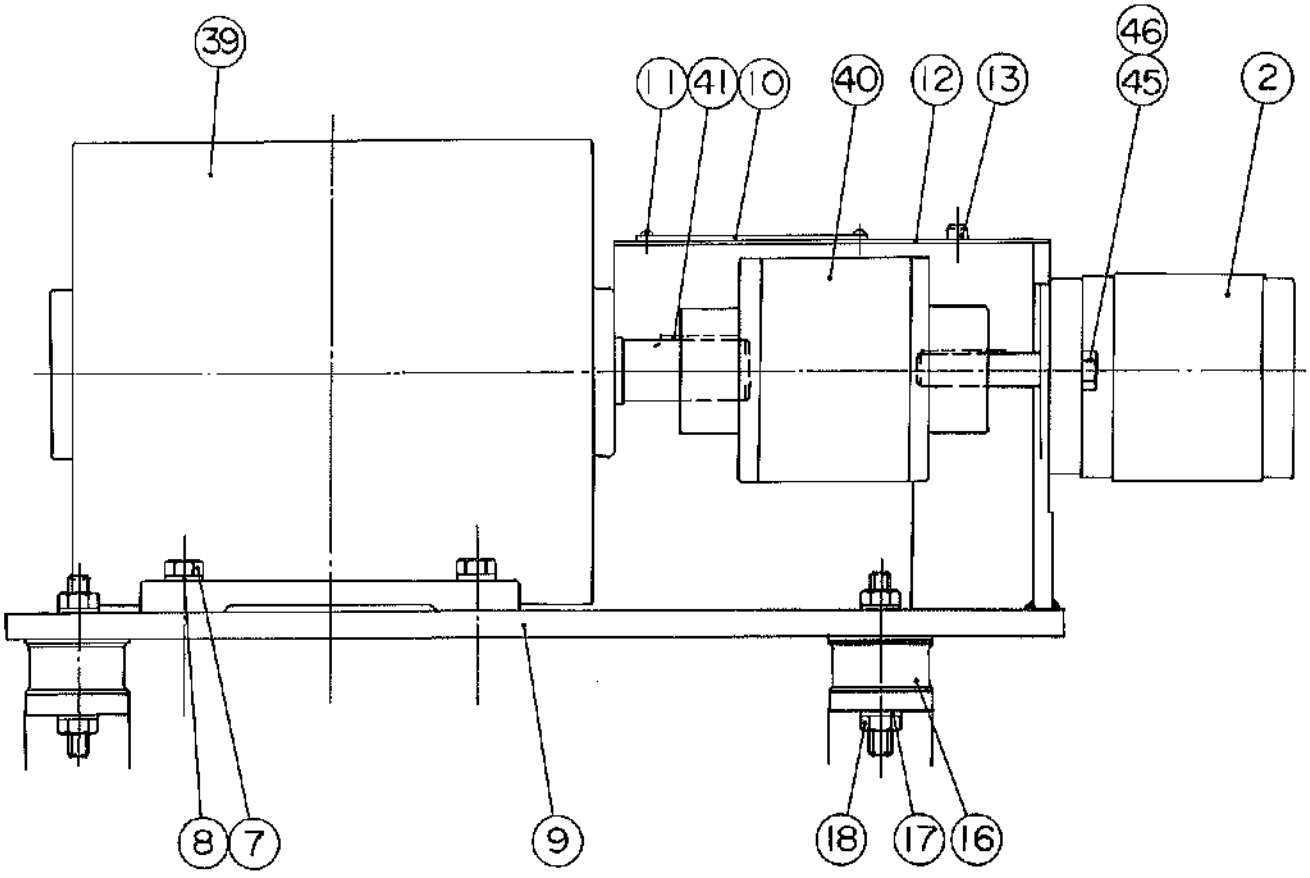
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
35	36136530 (36328812)	Support	383118a	–	–	1	–	–	–	–	–	–	–	
36	36147313 (74303113)	Pan head machine screw	M6 x 8	–	–	3	–	–	–	–	–	–	–	
37	36137006	Sticker (rotation)	AS-K1001	–	–	1	–	–	–	–	–	–	–	
38	36147125 (74314414)	Cap screw	M10 x 15	–	–	3	–	–	–	–	–	–	–	
39	36147611 (10001520)	Spring washer	M10	–	–	3	–	–	–	–	–	–	–	
40	36147710 (74300512)	Washer	M10	–	–	3	–	–	–	–	–	–	–	
41	36136824	Motor	MLA3115G 3.7 kW 4P	–	–	1	–	–	–	–	–	–	–	

Unit No. 23
Pump unit







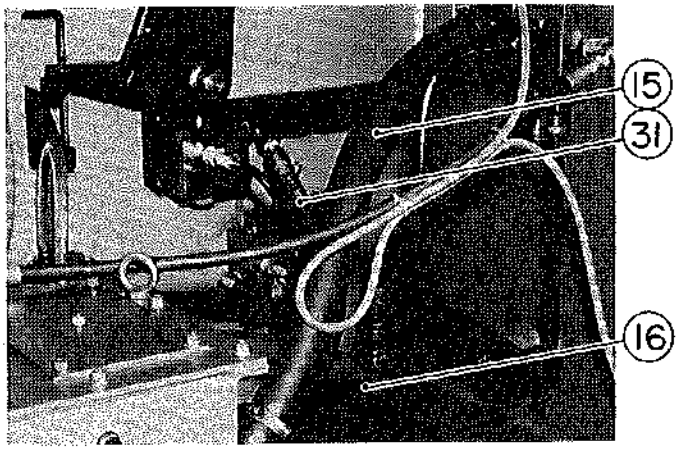


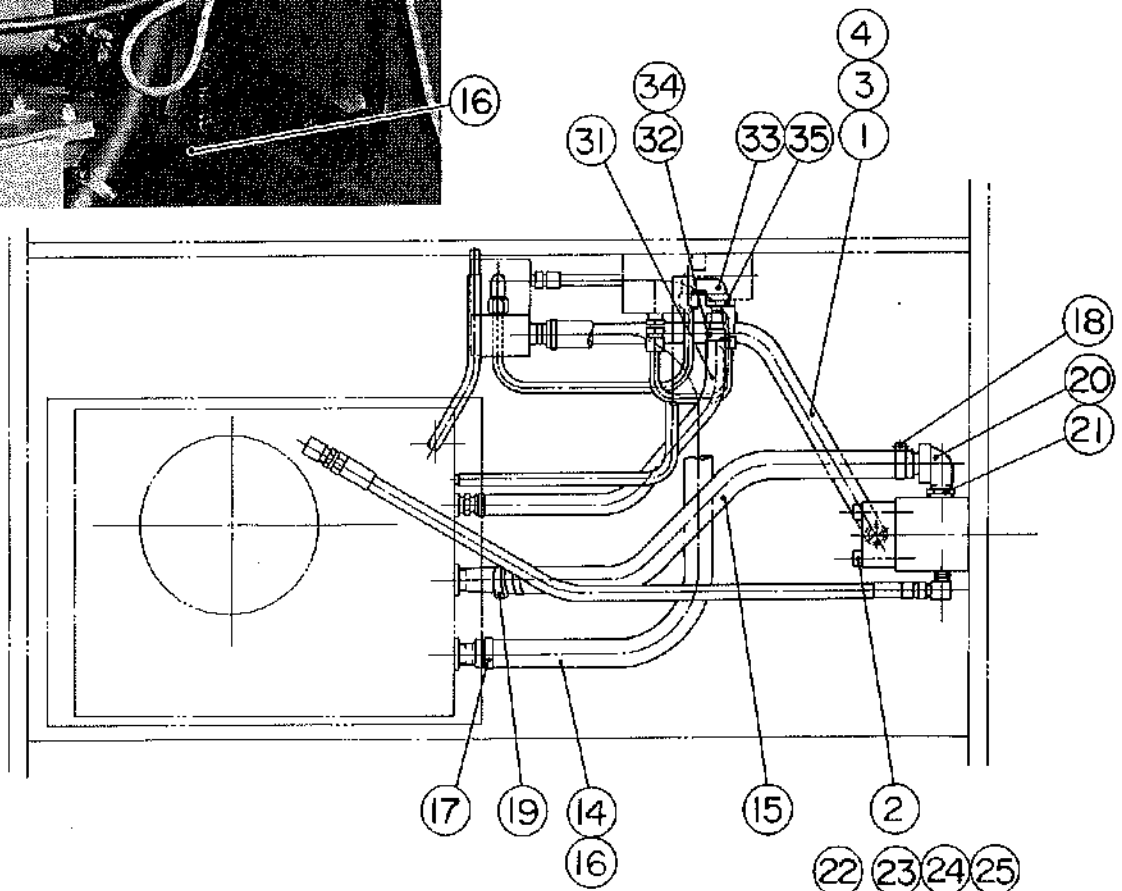
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36136201	Pump unit	4095518a	–	–	–	1	–	–	–	–	–	–	
1	36136202	Pump unit	4095519a	–	–	–	–	1	1	–	–	–	–	
1	36136203	Pump unit	4096330a	–	–	–	–	–	–	1	1	1	–	
1	36136204	Pump unit	4097138a	–	–	–	–	–	–	–	–	–	1	
2	36136803	Pump	IPH-2B-8-3235A	–	–	–	1	1	1	–	–	–	–	
2	36136804	Pump	IPH-3B-10-3343A	–	–	–	–	–	–	1	1	1	–	
2	36136805	Pump	IPH-3B-13-3343A	–	–	–	–	–	–	–	–	–	1	
7	36147012 (36327603)	Bolt	M10 × 30	–	–	–	4	–	–	–	–	–	–	
7	36147013 (36327604)	Bolt	M10 × 35	–	–	–	–	4	4	4	4	4	–	
7	36147023	Bolt	M12 × 35	–	–	–	–	–	–	–	–	–	4	
8	36147611 (10001520)	Spring washer	M10	–	–	–	4	4	4	4	4	4	–	
8	36147613 (44028619)	Spring washer	M12	–	–	–	–	–	–	–	–	–	4	
9	36136501	Motor base	4092667a	–	–	–	1	–	–	–	–	–	–	
9	36136502	Motor base	4092804	–	–	–	–	1	1	–	–	–	–	
9	36136504 (36327405)	Motor base	4092813	–	–	–	–	–	–	1	1	1	–	
9	36136503	Motor base	4092808	–	–	–	–	–	–	–	–	–	1	
10	36136607 (36327521)	Legend plate (caution)	4095623	–	–	–	1	1	1	1	1	1	1	
11	36148007	Drive screw rivet	ϕ1.8 × 4.8	–	–	–	4	4	4	4	4	4	4	
12	36136429 (36327420)	Cover	4092670a	–	–	–	1	–	–	–	–	–	–	
12	36136432	Cover	4092860a	–	–	–	–	1	1	–	–	–	–	
12	36136431 (36327421)	Cover	4092817a	–	–	–	–	–	–	1	1	1	–	
12	36136430	Cover	4092811a	–	–	–	–	–	–	–	–	–	1	
13	36147103 (74302812)	Cap screw	M6 × 10	–	–	–	2	2	2	2	2	2	2	
16	36137001	Rubber cushion	KA-50	–	–	–	4	4	4	4	4	4	4	
17	36147710 (74300512)	Washer	M10	–	–	–	8	8	8	8	8	8	8	
18	36147808 (10001516)	Nut	M10	–	–	–	8	8	8	8	8	8	8	
19	36136231	Tank	4125264b	–	–	–	1	1	1	–	–	–	–	
19	36136232	Tank	4125265b	–	–	–	–	–	–	1	1	1	–	

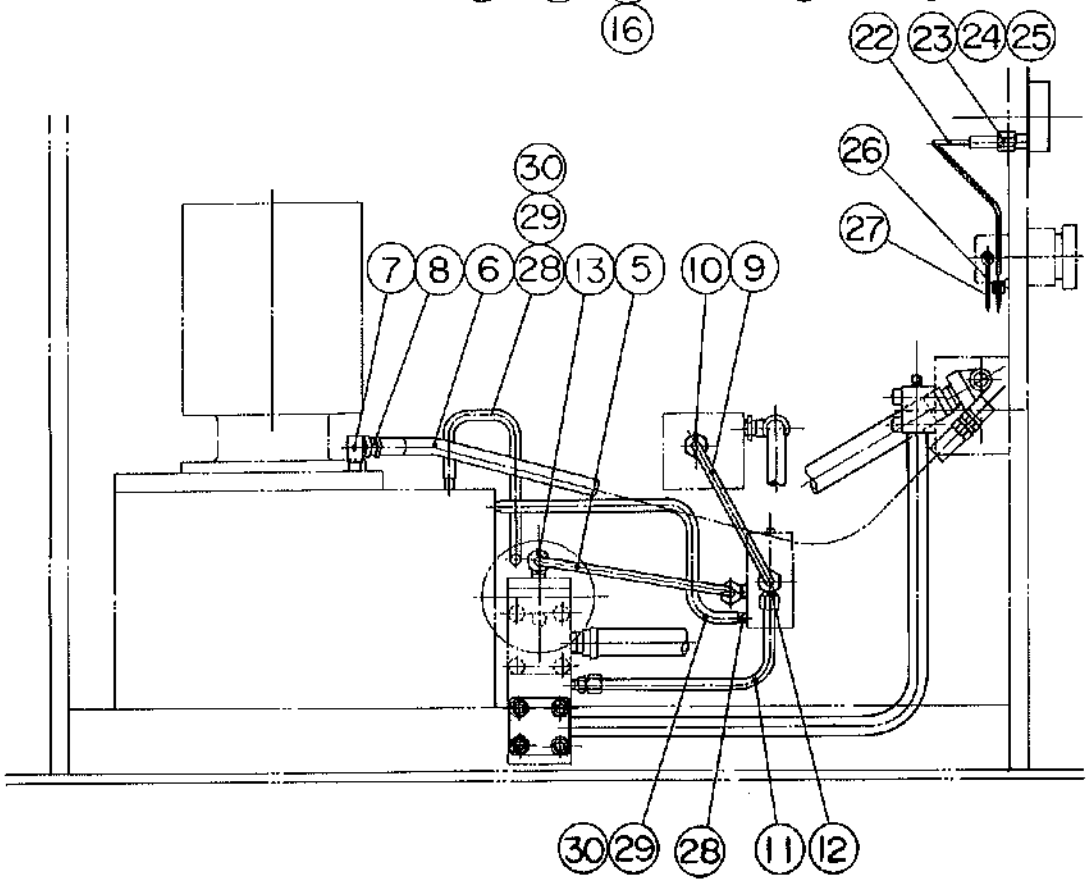
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
19	36136233	Tank	4125266b	–	–	–	–	–	–	–	–	–	1	
21	36137024	90° elbow	PT 1"	–	–	–	1	1	1	1	1	1	1	
23	36137026	90° elbow	PT 3/8"	–	–	–	1	1	1	1	1	1	1	
24	36137025	90° elbow	PT 3/4"	–	–	–	2	2	2	–	–	–	–	
24	36137024	90° elbow	PT 1"	–	–	–	–	–	–	2	2	2	2	
25	36136907	Oil level gauge	OLG-40	–	–	–	1	1	1	1	1	1	1	
26	36136530 (36328812)	Support	383118a	–	–	–	1	1	1	1	1	1	1	
27	36147313 (74303113)	Pan head machine screw	M6 x 8	–	–	–	3	3	3	3	3	3	3	
28	36136601 (36328826)	Drain plug	4040798	–	–	–	1	1	1	1	1	1	1	
29	36147016	Bolt	M10 x 50	–	–	–	1	1	1	1	1	1	1	
30	36147810	Nut	M10 type-3	–	–	–	2	2	2	2	2	2	2	
31	36136427 (36328815)	Cover	4091577	–	–	–	1	1	1	1	1	1	–	
31	36136428	Cover	4091584	–	–	–	–	–	–	–	–	–	1	
32	36136426	Cover	4091320	–	–	–	1	1	1	1	1	1	–	
32	36136425	Cover	4091319	–	–	–	–	–	–	–	–	–	1	
33	36136314 (36328829)	Packing	4091578a	–	–	–	2	2	2	2	2	2	–	
33	36136315	Packing	4091585	–	–	–	–	–	–	–	–	–	2	
34	36147002 (36323423)	Bolt	M6 x 10	–	–	–	12	12	12	12	12	12	12	
35	36147706	Washer	M6 polish	–	–	–	12	12	12	12	12	12	12	
36	36136613	Nipple	4125270	–	–	–	1	1	1	–	–	–	–	
36	36136614	Nipple	4125271	–	–	–	–	–	–	1	1	1	–	
36	36136616	Nipple	4125337	–	–	–	–	–	–	–	–	–	1	
37	36136617	Nipple	PT 3/4"	–	–	–	1	1	1	–	–	–	–	
37	36136614	Nipple	4125271	–	–	–	–	–	–	1	1	1	–	
37	36136615	Nipple	4125272	–	–	–	–	–	–	–	–	–	1	
38	36136612	Nipple	4091592	–	–	–	–	–	–	1	1	1	–	
39	36136823	Motor	MLA3115A φ3 3.7 kW (230/400/460V)	–	–	–	1	–	–	–	–	–	–	
39	36136825	Motor	MLA3133A φ3 5.5 kW (230/400/460V)	–	–	–	–	1	1	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
39	36136826	Motor	MLA3135A φ3 7.5 kW (230/400/460V)	–	–	–	–	–	–	1	1	1	–	
39	36136827	Motor	MLA3165A φ3 11 kW (230/400/460V)	–	–	–	–	–	–	–	–	–	1	
40	36136403 (36327412)	Coupling	7937037	–	–	–	1	–	–	–	–	–	–	
40	36136406	Coupling	7937043	–	–	–	–	1	1	–	–	–	–	
40	36136404 (36327413)	Coupling	7937038	–	–	–	–	–	–	1	1	1	–	
40	36136405 (36327414)	Coupling	7937039	–	–	–	–	–	–	–	–	–	1	
41	36137116	Key	8 x 7 x 50 type-2	–	–	–	1	–	–	–	–	–	–	
41	36137117	Key	8 x 10 x 65 type-2	–	–	–	–	1	1	1	1	1	–	
41	36137118	Key	8 x 12 x 65 type-2	–	–	–	–	–	–	–	–	–	1	
42	36137102	90° male-female elbow	PT 3/4"	–	–	–	1	1	1	–	–	–	–	
42	36137024	90° elbow	PT 1"	–	–	–	–	–	–	1	1	1	–	
42	36137001	90° male-female elbow	PT 1"	–	–	–	–	–	–	–	–	–	1	
43	36137025	90° elbow	PT 3/4"	–	–	–	1	1	1	1	1	1	1	
44	36147119 (74302818)	Cap screw	M8 x 30	–	–	–	4	4	4	4	4	4	4	
45	36147011 (10001510)	Bolt	M10 x 25	–	–	–	2	2	2	–	–	–	–	
45	36147022 (36327605)	Bolt	M12 x 30	–	–	–	–	–	–	2	2	2	2	
46	36147710 (74300512)	Washer	M10	–	–	–	2	2	2	–	–	–	–	
46	36147713 (44028618)	Washer	M12	–	–	–	–	–	–	2	2	2	2	

Unit No. 24
Hydraulic piping



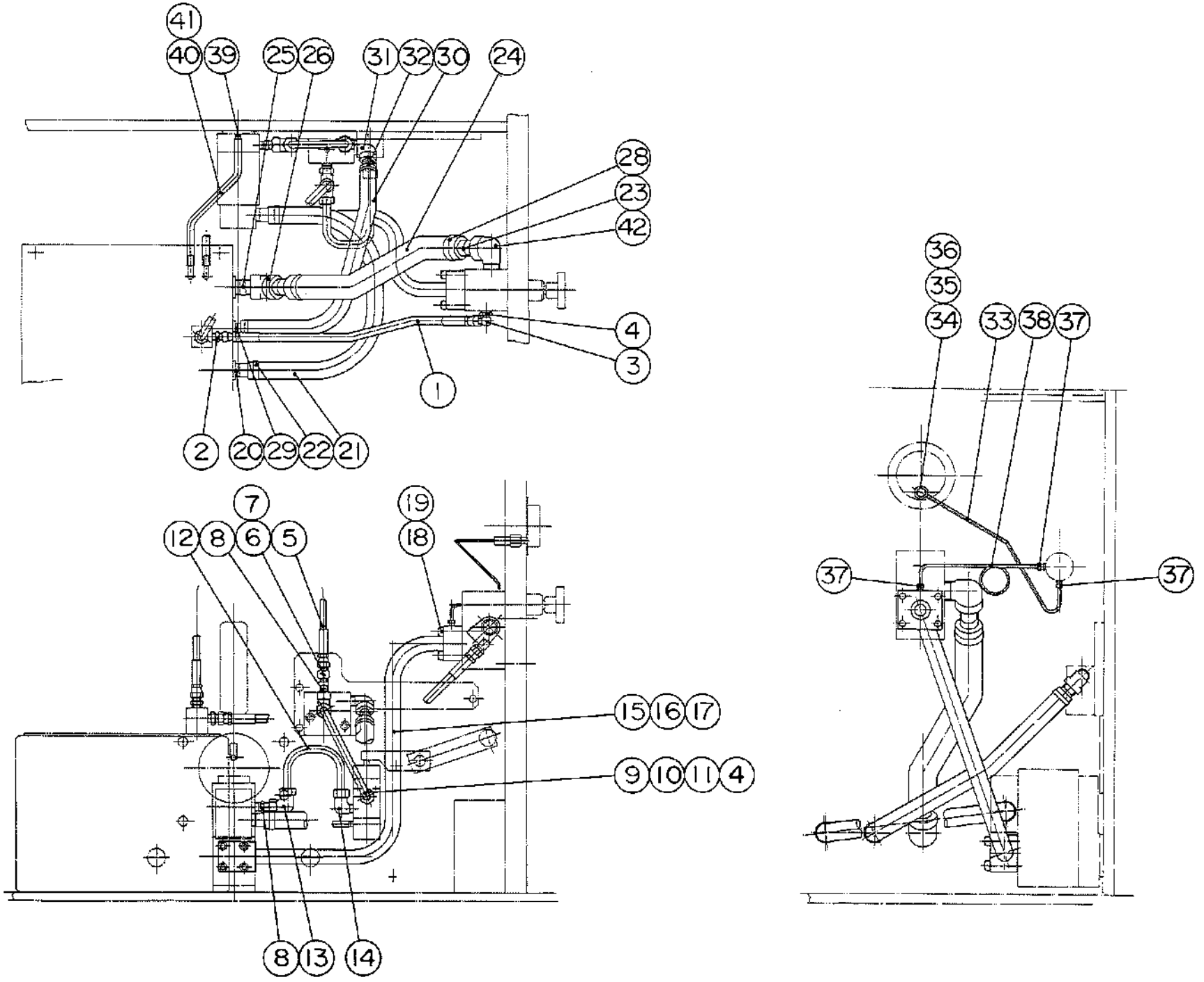




Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36137703	Pipe ass'y	4096425	1	1	–	–	–	–	–	–	–	–	
2	36147133 (74314415)	Cap screw	M10 x 50	8	8	–	–	–	–	–	–	–	–	
3	36147417	O-ring	1BP-18	1	1	–	–	–	–	–	–	–	–	
4	36147421 (36111006)	O-ring	1BP-26	1	1	–	–	–	–	–	–	–	–	
5	36137808	Pipe	4096427	1	1	–	–	–	–	–	–	–	–	
6	36138301	Rubber hose	H103EC03-04NPF 700ℓ	1	1	–	–	–	–	–	–	–	–	
7	36138834 (55125713)	90° elbow	3021J-04	2	2	–	–	–	–	–	–	–	–	
8	36138603	Bushing	BUT 1/2 x 1/4	2	2	–	–	–	–	–	–	–	–	
9	36137802 (36109534)	Pipe	4041654a	1	1	–	–	–	–	–	–	–	–	
10	36138023	Pipe fitting	PA-1/8 B-PT 1/4	2	2	–	–	–	–	–	–	–	–	
11	36137803	Pipe	4041655a	1	1	–	–	–	–	–	–	–	–	
12	36138004	Tee	PD-1/8 B-PT 1/4	1	1	–	–	–	–	–	–	–	–	
13	36138820	Elbow	PB-1/8 B-PT 1/4	2	2	–	–	–	–	–	–	–	–	
14	36137907	Pipe support	560306b	4	4	–	–	–	–	–	–	–	–	
15	36138432	Gasoline hose	ϕ25 x 800ℓ	1	1	–	–	–	–	–	–	–	–	
16	36138407	MID oil hose	ϕ25 x 530ℓ	1	1	–	–	–	–	–	–	–	–	
17	36138523	Hose band	Jubilee 2A	2	2	–	–	–	–	–	–	–	–	
18	36138522	Hose band	Jubilee 2	2	2	–	–	–	–	–	–	–	–	
19	36138915	45° male-female elbow	PT 3/4"	1	1	–	–	–	–	–	–	–	–	
20	36138918	90° male-female elbow	PT 3/4"	1	1	–	–	–	–	–	–	–	–	
21	36138602	Bushing	1" x 3/4"	1	1	–	–	–	–	–	–	–	–	
22	36138101	Copper pipe	4093921	1	1	–	–	–	–	–	–	–	–	
23	36138021 (36109609)	Pipe fitting	4040849	1	1	–	–	–	–	–	–	–	–	
24	36138034	Nut	4040850	1	1	–	–	–	–	–	–	–	–	
25	36138022	Pipe fitting	4040851	1	1	–	–	–	–	–	–	–	–	
26	36138633	Connector	KC4-PT 1/8-S	3	3	–	–	–	–	–	–	–	–	
27	36138104	Copper pipe	ϕ4 x ϕ2 x 630ℓ	1	1	–	–	–	–	–	–	–	–	
28	36137902	Pipe support	4041661	2	2	–	–	–	–	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
29	36138501	Vinyle tube	ϕ10 x ϕ13 x 400ℓ	2	2	–	–	–	–	–	–	–	–	
30	36138719	Wire clamp	ϕ13	4	4	–	–	–	–	–	–	–	–	
31	36138431	Gasoline hose	ϕ15 x 500ℓ	1	1	–	–	–	–	–	–	–	–	
32	36138521	Hose band	Jubilee 1A	2	2	–	–	–	–	–	–	–	–	
33	36138904	Male-female elbow	PT 3/8"	1	1	–	–	–	–	–	–	–	–	
34	36138131	Hose support	4040863a	2	2	–	–	–	–	–	–	–	–	
35	36138601	Bushing	1/2" x 3/8"	1	1	–	–	–	–	–	–	–	–	

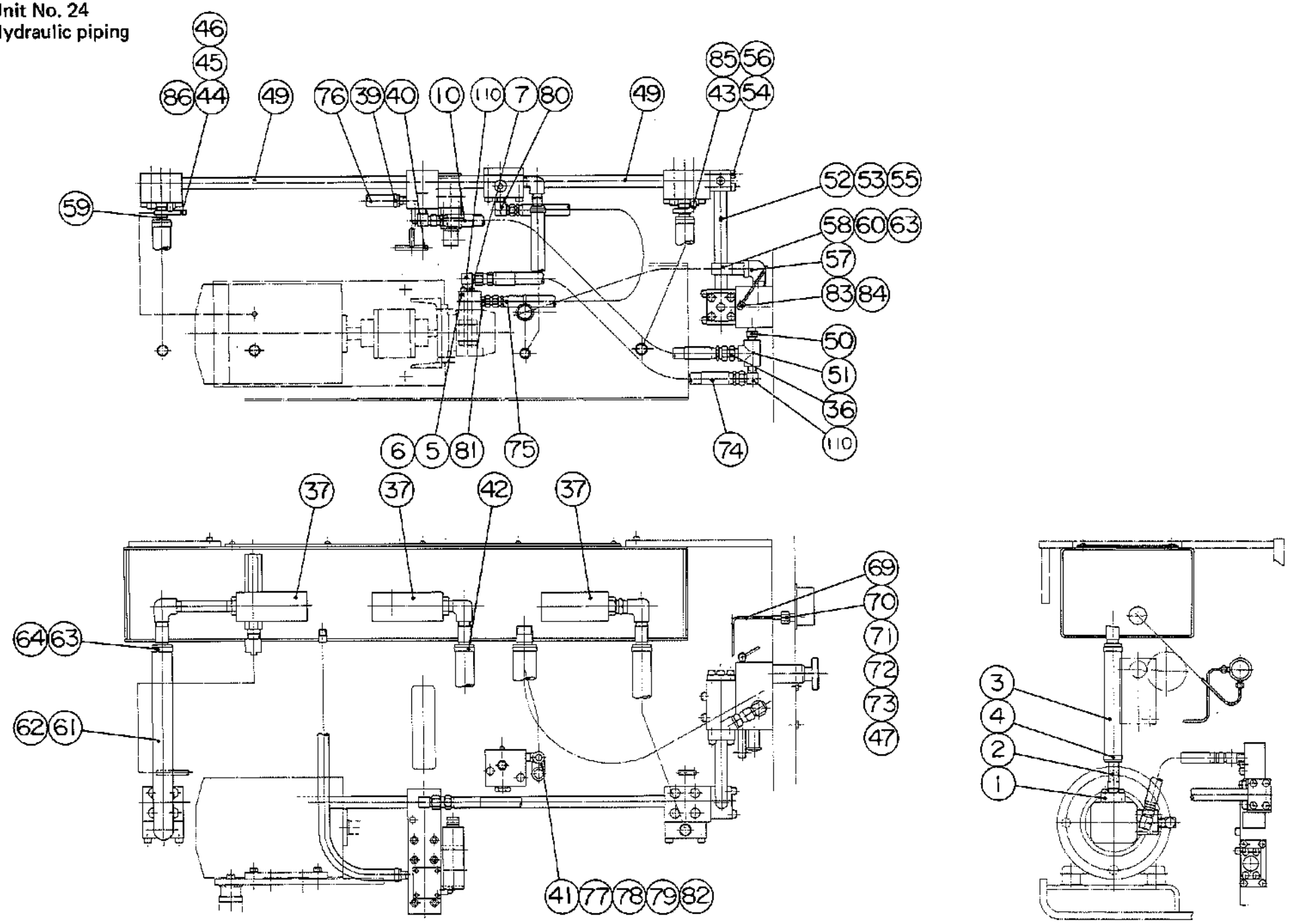
Unit No. 24
Hydraulic piping



Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36138302	Rubber hose	H104 EC04NPF 550ℓ	–	–	1	–	–	–	–	–	–	–	
2	36138814	Male-male adapter	3001F04	–	–	1	–	–	–	–	–	–	–	
3	36138831	90° elbow	3021F04	–	–	1	–	–	–	–	–	–	–	
4	36138603	Bushing	BUT 1/2" x 1/4"	–	–	2	–	–	–	–	–	–	–	
5	36138303	Rubber hose	H104 EC04NPF 700ℓ	–	–	1	–	–	–	–	–	–	–	
6	36138814	Male-male adapter	3001F04	–	–	1	–	–	–	–	–	–	–	
7	36138809	Male-female adapter	3005F04	–	–	1	–	–	–	–	–	–	–	
8	36138709	Stud	PSTD 1/8 B-PT 1/4	–	–	2	–	–	–	–	–	–	–	
9	36137809	Pipe	4123111	–	–	1	–	–	–	–	–	–	–	
10	36139003	Nipple	PA 1/8 B-PT 1/4	–	–	1	–	–	–	–	–	–	–	
11	36138004	Tee	PD 1/8 B-PT 1/4	–	–	1	–	–	–	–	–	–	–	
12	36137810	Pipe	4123113	–	–	1	–	–	–	–	–	–	–	
13	36138821	Elbow	PF 1/8 B	–	–	1	–	–	–	–	–	–	–	
14	36138820	Elbow	PB 1/8 B-PT 1/4	–	–	1	–	–	–	–	–	–	–	
15	36137704	Pipe ass'y	4123114	–	–	1	–	–	–	–	–	–	–	
16	36147418 (38121649)	O-ring	1BP22	–	–	1	–	–	–	–	–	–	–	
17	36147421 (36111006)	O-ring	1BP26	–	–	1	–	–	–	–	–	–	–	
18	36147135	Cap screw	M10 x 60	–	–	4	–	–	–	–	–	–	–	
19	36147133 (74314415)	Cap screw	M10 x 50	–	–	4	–	–	–	–	–	–	–	
20	36137906 (36328026)	Pipe support	560306a	–	–	2	–	–	–	–	–	–	–	
21	36138409	MID oil hose	ϕ25 x 650ℓ	–	–	1	–	–	–	–	–	–	–	
22	36138523	Hose band	Jubilee 2A	–	–	2	–	–	–	–	–	–	–	
23	36137908	Pipe support	561856d	–	–	2	–	–	–	–	–	–	–	
24	36138430	HP gasoline hose	ϕ32 x 550ℓ	–	–	1	–	–	–	–	–	–	–	
25	36139001	Nipple	1"	–	–	1	–	–	–	–	–	–	–	
26	36138819	Elbow	1"	–	–	1	–	–	–	–	–	–	–	
28	36138524	Hose band	Jubilee 2X	–	–	2	–	–	–	–	–	–	–	
29	36137901	Pipe support	385997a	–	–	2	–	–	–	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
30	36138404	MID oil hose	ϕ19 x 550	–	–	1	–	–	–	–	–	–	–	
31	36138902	Male-female elbow	1/2"	–	–	1	–	–	–	–	–	–	–	
32	36138520	Hose band	Jubilee 1	–	–	2	–	–	–	–	–	–	–	
33	36138101	Copper pipe	4093921	–	–	1	–	–	–	–	–	–	–	
34	36138021 (36109609)	Pipe fitting	4040849	–	–	1	–	–	–	–	–	–	–	
35	36138034	Nut	4040850	–	–	1	–	–	–	–	–	–	–	
36	36138022	Pipe fitting	4040851	–	–	1	–	–	–	–	–	–	–	
37	36138633	Connector	KC4-PT 1/8-S	–	–	3	–	–	–	–	–	–	–	
38	36138104	Copper pipe	ϕ4 x ϕ2 x 630ℓ	–	–	1	–	–	–	–	–	–	–	
39	36137902	Pipe support	4041661	–	–	2	–	–	–	–	–	–	–	
40	36138502	Vinyle tube	ϕ10 x ϕ13 x 600ℓ	–	–	2	–	–	–	–	–	–	–	
41	36138719	Wire clamp	ϕ13	–	–	4	–	–	–	–	–	–	–	
42	36138901	Male-female elbow	1"	–	–	1	–	–	–	–	–	–	–	

Unit No. 24
Hydraulic piping

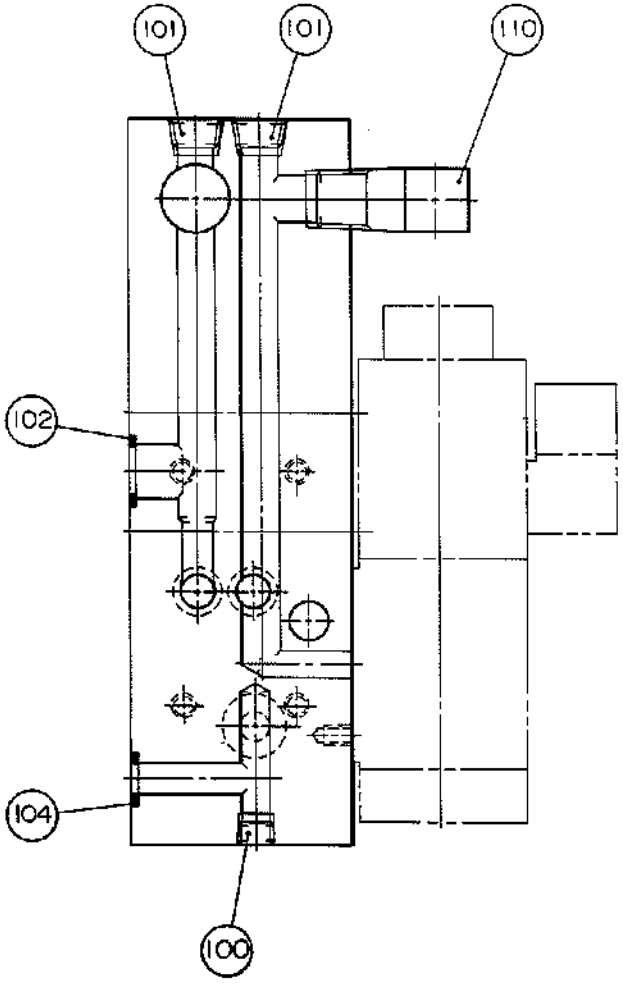


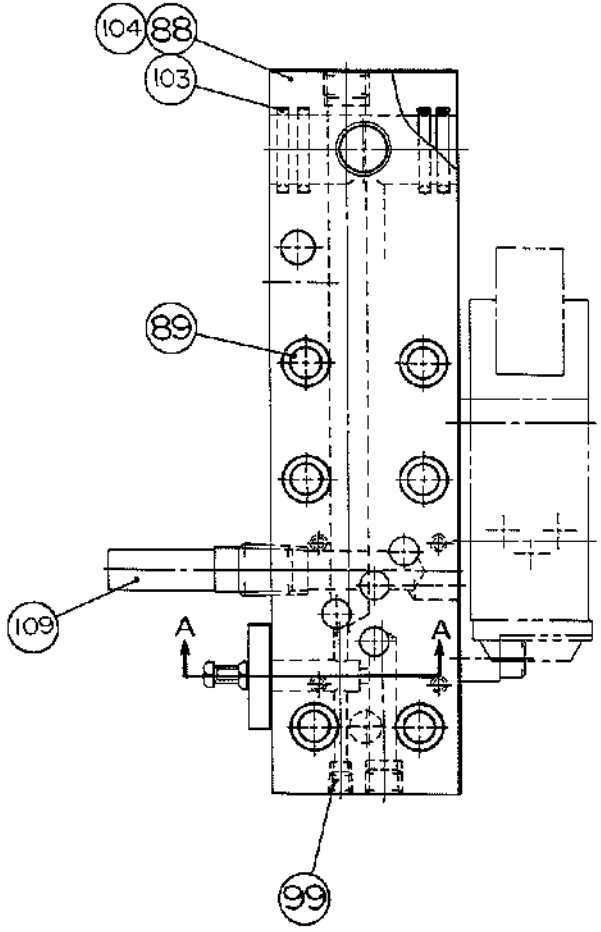
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36138613	IN flange	IHF-2-10	–	–	–	1	1	1	–	–	–	–	
2	36137903	Pipe support	4091549a	–	–	–	1	1	1	–	–	–	–	
3	36138405	MID oil hose	ϕ25 x 300ℓ	–	–	–	1	1	1	–	–	–	–	
4	36138523	Hose band	Jubilee 2A	–	–	–	2	2	2	–	–	–	–	
5	36137928	Flange	4040808b	–	–	–	1	1	1	–	–	–	–	
6	36147418 (38121649)	O-ring	1BP22	–	–	–	1	1	1	–	–	–	–	
7	36147122 (74304910)	Cap screw	M8 x 55	–	–	–	4	4	4	–	–	–	–	
10	36138305	Rubber hose	J408 EC08NPF 900ℓ	–	–	–	1	–	–	–	–	–	–	
10	36138306	Rubber hose	N708 EK08NPF 900ℓ	–	–	–	–	1	–	–	–	–	–	
10	36138310	Rubber hose	M612 EH12NPF 1150ℓ	–	–	–	–	–	1	–	–	–	–	
36	36138801	Adapter	3001F-08	–	–	–	1	1	1	–	–	–	–	
37	36138701	Strainer	SFN-06	–	–	–	3	3	3	–	–	–	–	
39	36138521	Hose band	Jubilee 1A	–	–	–	2	2	2	–	–	–	–	
40	36138002	Tee	4095484a	–	–	–	1	1	1	–	–	–	–	
41	36138520	Hose band	Jubilee 1	–	–	–	–	2	–	–	–	–	–	
42	36138519	Hose band	Jubilee 0	–	–	–	–	2	–	–	–	–	–	
43	36138125	Drain pipe	50.54570.0	–	–	–	1	1	1	–	–	–	–	
44	36138001	Tee	4040821	–	–	–	1	1	1	–	–	–	–	
45	36138503	Vinyl tube	ϕ10 x ϕ13 x 2500ℓ	–	–	–	1	1	1	–	–	–	–	
46	36138719	Wire clamp	ϕ13	–	–	–	6	6	6	–	–	–	–	
47	36138633	Connector	KC4-PT 1/8-S	–	–	–	2	2	2	–	–	–	–	
49	36137806	Pipe	4044004	–	–	–	2	2	–	–	–	–	–	
49	36137801	Pipe	4041588	–	–	–	–	–	2	–	–	–	–	
50	36139002	Nipple	NS-PT 1/2	–	–	–	1	1	1	–	–	–	–	
51	36138005	Tee	TEF-PT 1/2	–	–	–	1	1	1	–	–	–	–	
52	36137701	Pipe ass'y	4044653a	–	–	–	1	1	–	–	–	–	–	
52	36137705	Pipe ass'y	4125277	–	–	–	–	–	1	–	–	–	–	
53	36147433	O-ring	G30	–	–	–	1	1	1	–	–	–	–	

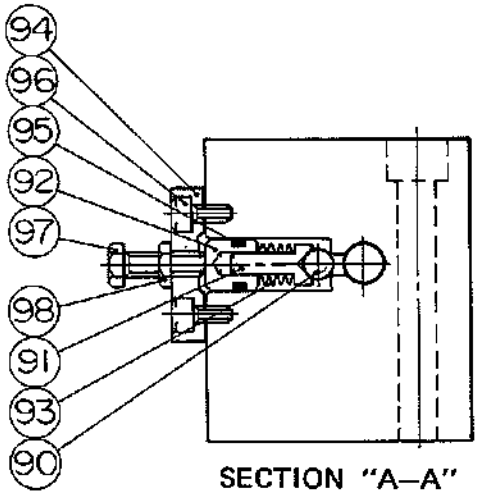
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
54	36147130 (74304918)	Cap screw	M10 x 35	–	–	–	4	4	4	–	–	–	–	
55	36147421 (36111006)	O-ring	1BP26	–	–	–	1	1	1	–	–	–	–	
56	36147135	Cap screw	M10 x 60	–	–	–	4	4	4	–	–	–	–	
57	36138917	90° male-female elbow	PT 1"	–	–	–	1	1	1	–	–	–	–	
58	36137904	Pipe support	4091550b	–	–	–	1	1	1	–	–	–	–	
59	36137907	Pipe support	560306b	–	–	–	2	2	2	–	–	–	–	
60	36138433	Gasoline hose	ϕ32 x 450ℓ	–	–	–	1	1	1	–	–	–	–	
61	36138409	MID oil hose	ϕ25 x 650ℓ	–	–	–	1	1	1	–	–	–	–	
62	36138406	MID oil hose	ϕ25 x 500ℓ	–	–	–	1	1	1	–	–	–	–	
63	36138524	Hose band	Jubilee 2X	–	–	–	2	2	2	–	–	–	–	
64	36138523	Hose band	Jubilee 2A	–	–	–	4	4	4	–	–	–	–	
69	36138101	Copper pipe	4093921	–	–	–	1	1	1	–	–	–	–	
70	36138021 (36109609)	Pipe fitting	4040849	–	–	–	1	1	1	–	–	–	–	
71	36138034	Nut	4040850	–	–	–	1	1	1	–	–	–	–	
72	36138022	Pipe fitting	4040851	–	–	–	1	1	1	–	–	–	–	
73	36138725	Wire sticker	E-20	–	–	–	3	3	3	–	–	–	–	
74	36138304	Rubber hose	J408 EC08NPF 700ℓ	–	–	–	1	–	–	–	–	–	–	
74	36138317	Rubber hose	N708 EK08NPF 700ℓ	–	–	–	–	1	–	–	–	–	–	
74	36138309	Rubber hose	M612 EH12NPF 1050ℓ	–	–	–	–	–	1	–	–	–	–	
75	36138307	Rubber hose	L212 EC12NPF 650ℓ	–	–	–	1	–	–	–	–	–	–	
75	36138308	Rubber hose	M612 EH12NPF 900ℓ	–	–	–	–	1	1	–	–	–	–	
76	36138402	MID oil hose	ϕ15 x 700ℓ	–	–	–	1	1	1	–	–	–	–	
77	36137907	Pipe support	560306b	–	–	–	1	1	1	–	–	–	–	
78	36138916	90° male-female elbow	3/4"	–	–	–	1	1	1	–	–	–	–	
79	36138408	MID oil hose	ϕ25 x 600ℓ	–	–	–	1	1	1	–	–	–	–	
80	36138833 (36328330)	90° elbow	3021F-12	–	–	–	1	1	1	–	–	–	–	
81	36138802	Adapter	3001F-12	–	–	–	1	1	1	–	–	–	–	
82	36138523	Hose band	Jubilee 2A	–	–	–	2	–	2	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
83	36138931	Elbow nipple	KLN4-PT 1/8-S	–	–	–	1	–	1	–	–	–	–	
84	36138102	Copper pipe	$\phi 4 \times \phi 2 \times 420^{\ell}$	–	–	–	1	–	–	–	–	–	–	
84	36138103	Copper pipe	$\phi 4 \times \phi 2 \times 520^{\ell}$	–	–	–	–	1	–	–	–	–	–	
84	36138105	Copper pipe	$\phi 4 \times \phi 2 \times 650^{\ell}$	–	–	–	–	–	1	–	–	–	–	
85	36138124	Drain pipe	4041661	–	–	–	–	1	–	–	–	–	–	
86	36138401	MID oil hose	$\phi 9 \times 550^{\ell}$	–	–	–	–	1	–	–	–	–	–	

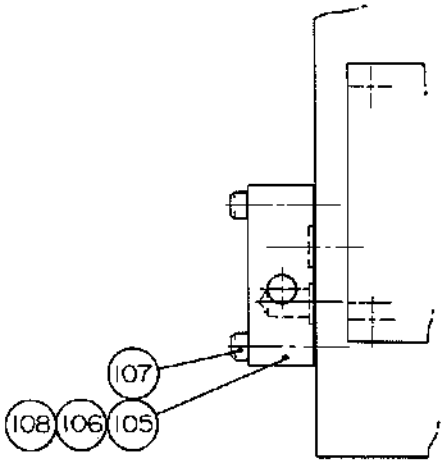
Unit No. 24
Hydraulic piping





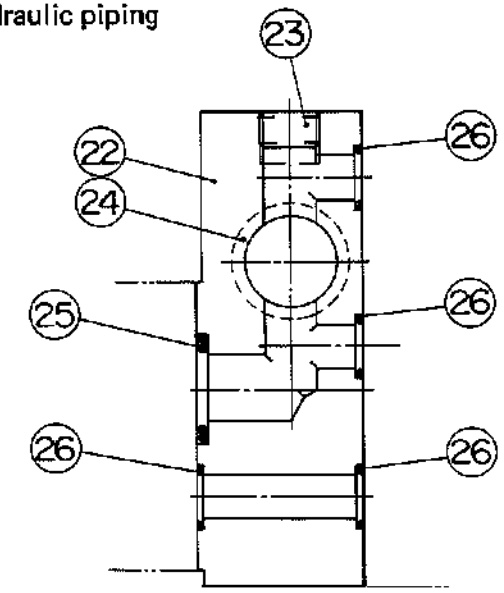


SECTION "A–A"

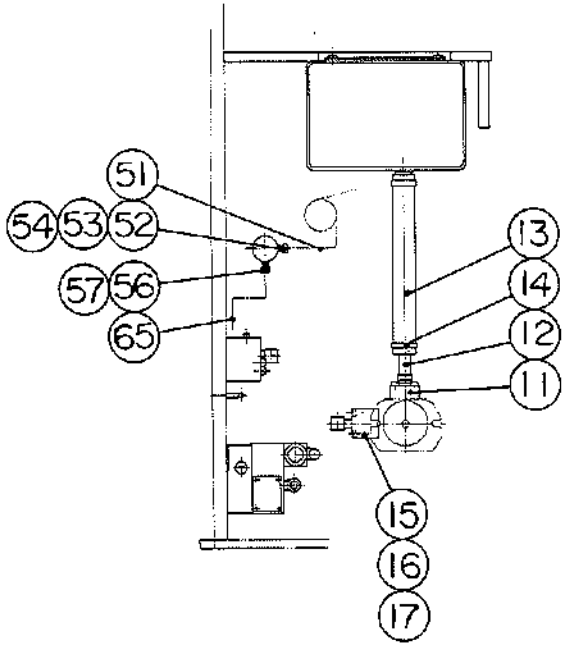


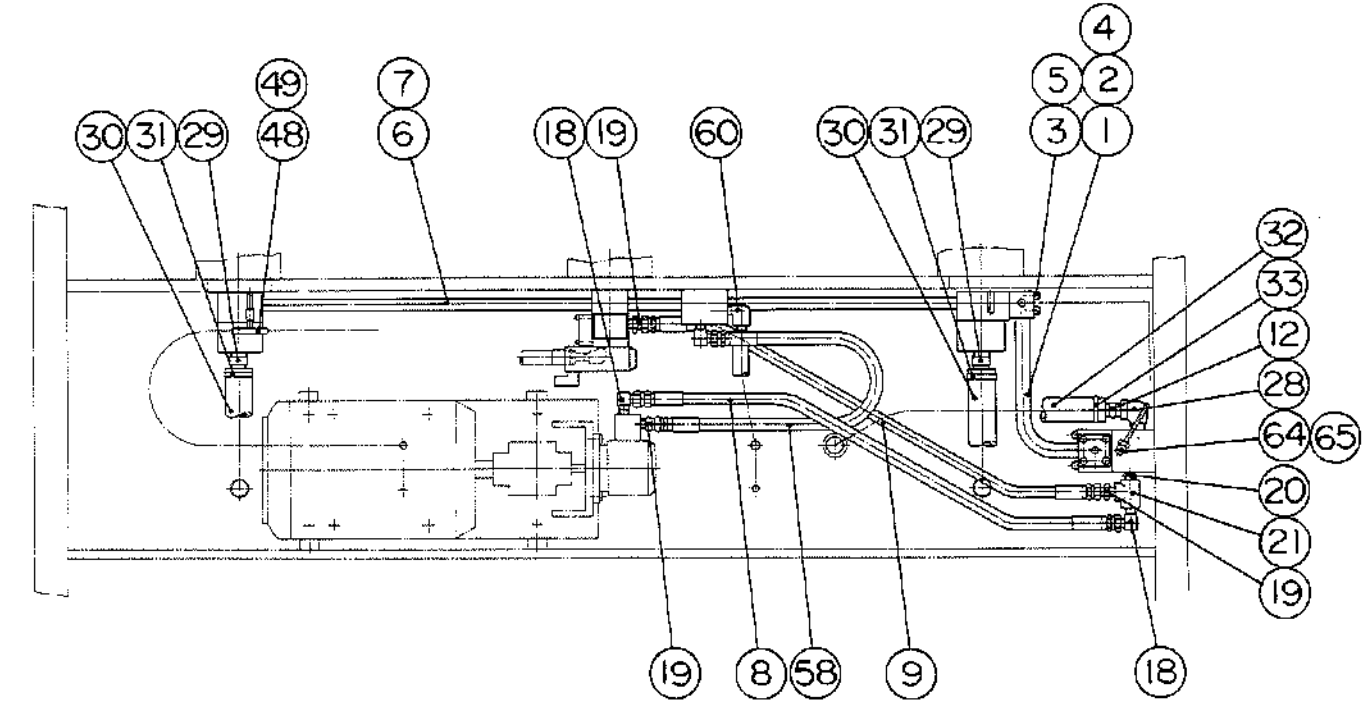
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
87	36138222	Main block ass'y	4123969a	–	–	–	1	1	1	–	–	–	–	
88	36138230	Block	4123970a	–	–	–	1	1	1	–	–	–	–	
89	36147138	Cap screw	M10 x 85	–	–	–	6	6	6	–	–	–	–	
90	36138714	Steel ball	5/16"	–	–	–	1	1	1	–	–	–	–	
91	36138201	Ball support	4095480	–	–	–	1	1	1	–	–	–	–	
92	36138207	Spool	4095481	–	–	–	1	1	1	–	–	–	–	
93	36138731	Cone disk spring	R-11	–	–	–	13	13	13	–	–	–	–	
94	36138213	Cap	4095482	–	–	–	1	1	1	–	–	–	–	
95	36147413	O-ring	1BP10	–	–	–	1	1	1	–	–	–	–	
96	36147101 (74302810)	Cap screw	M5 x 10	–	–	–	4	4	4	–	–	–	–	
97	36147004 (36323015)	Bolt	M6 x 20	–	–	–	1	1	1	–	–	–	–	
98	36147805 (74304422)	Nut	M6 type-3	–	–	–	1	1	1	–	–	–	–	
99	36138622 (58147621)	Plug	PT 1/8"	–	–	–	1	1	1	–	–	–	–	
100	36138621 (58141008)	Plug	PT 1/4"	–	–	–	1	1	1	–	–	–	–	
101	36138623 (44552306)	Plug	PT 3/8"	–	–	–	2	2	2	–	–	–	–	
102	36147418 (38121649)	O-ring	1BP22	–	–	–	1	1	1	–	–	–	–	
103	36147421 (36111006)	O-ring	1BP26	–	–	–	4	4	4	–	–	–	–	
104	36147415	O-ring	1BP14	–	–	–	4	4	4	–	–	–	–	
105	36138214	Cap	4095483	–	–	–	1	1	1	–	–	–	–	
106	36138623 (44552306)	Plug	PT 3/8"	–	–	–	1	1	1	–	–	–	–	
107	36147110 (74304905)	Cap screw	M6 x 35	–	–	–	4	4	4	–	–	–	–	
108	36147414 (38123327)	O-ring	1BP12	–	–	–	4	4	4	–	–	–	–	
109	36137905	Pipe support	4095476	–	–	–	1	1	1	–	–	–	–	
110	36138832 (36328329)	90° elbow	3021F-08	–	–	–	3	3	3	–	–	–	–	

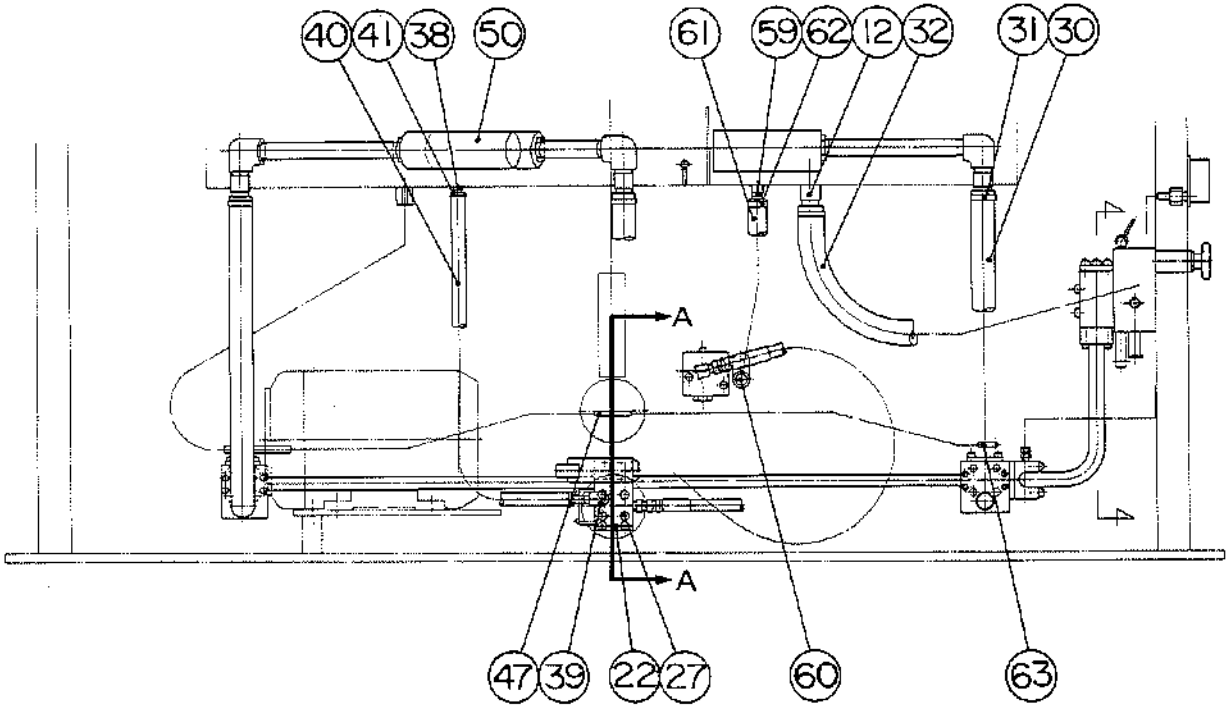
Unit No. 24
Hydraulic piping



SECTION "A–A"





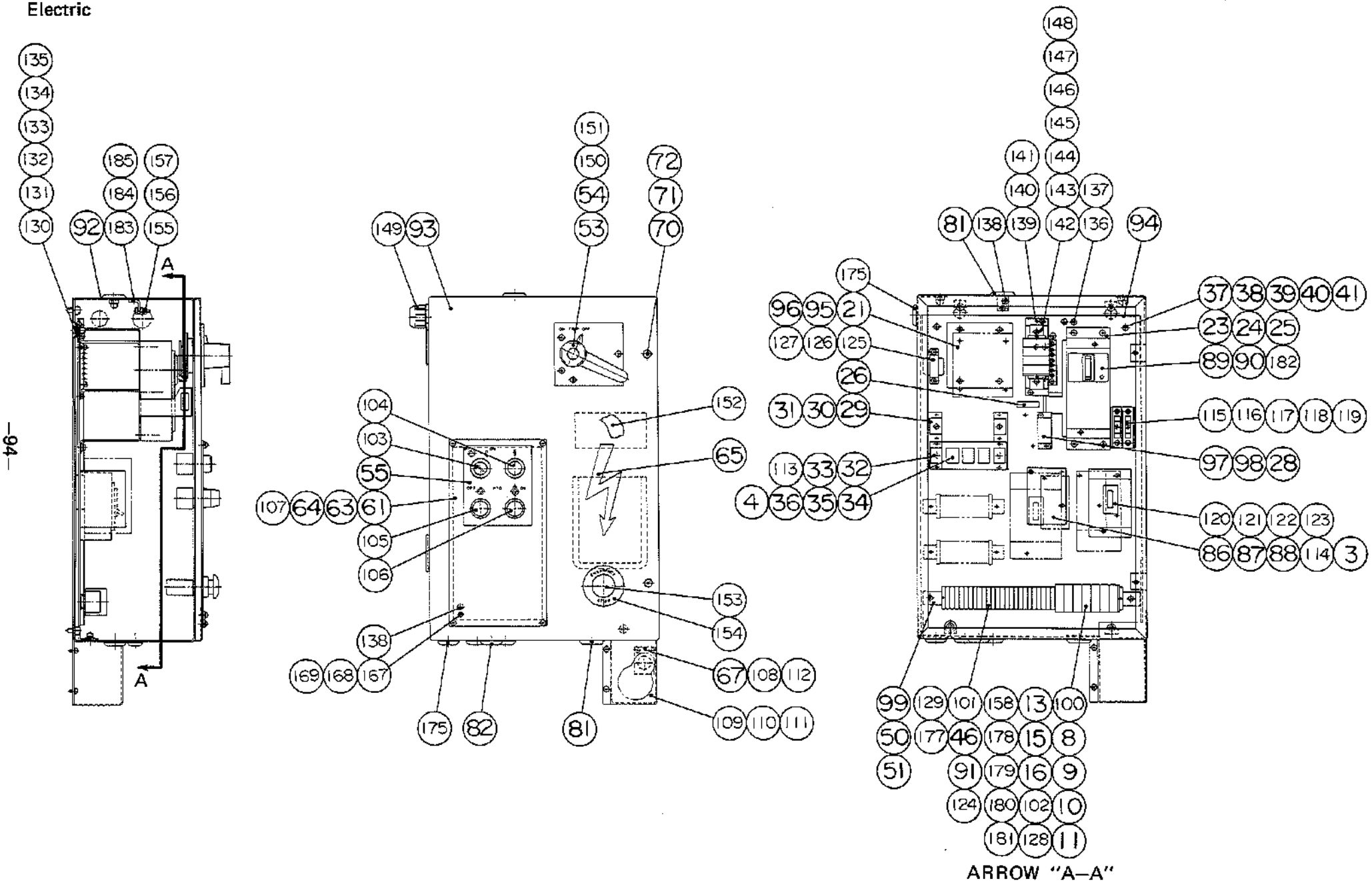


Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36137702	Pipe ass'y	4044686b	–	–	–	–	–	–	1	–	–	–	
1	36137706	Pipe ass'y	4125278	–	–	–	–	–	–	–	1	–	–	
1	36137707	Pipe ass'y	4125279	–	–	–	–	–	–	–	–	1	–	
1	36137708	Pipe ass'y	4125280	–	–	–	–	–	–	–	–	–	1	
2	36147433	O-ring	G-30	–	–	–	–	–	–	1	1	1	1	
3	36147130 (74304918)	Cap screw	M10 × 35	–	–	–	–	–	–	4	4	4	4	
4	36147421 (36111006)	O-ring	1BP26	–	–	–	–	–	–	1	1	1	1	
5	36147135	Cap screw	M10 × 60	–	–	–	–	–	–	4	4	4	4	
6	36137807	Pipe	4044688	–	–	–	–	–	–	2	2	–	–	
6	36137804	Pipe	4042773	–	–	–	–	–	–	–	–	2	–	
6	36137805	Pipe	4043757	–	–	–	–	–	–	–	–	–	2	
7	36137934	Pipe clamp	4044754	–	–	–	–	–	–	–	–	2	–	
8	36138312	Rubber hose	N708 EK08-08NPF 1050ℓ	–	–	–	–	–	–	1	–	–	–	
8	36138314	Rubber hose	N708 EK08-08NPF 1300ℓ	–	–	–	–	–	–	–	1	–	1	
8	36138316	Rubber hose	N708 EK08-08NPF 1630ℓ	–	–	–	–	–	–	–	–	1	–	
9	36138313	Rubber hose	N708 EK08-08NPF 1150ℓ	–	–	–	–	–	–	1	–	–	–	
9	36138315	Rubber hose	N708 EK08-08NPF 1350ℓ	–	–	–	–	–	–	–	1	–	1	
9	36138316	Rubber hose	N708 EK08-08NPF 1630ℓ	–	–	–	–	–	–	–	–	1	–	
11	36138614	IN flange	IHF-3-10	–	–	–	–	–	–	1	1	1	1	
12	36137904	Pipe support	4091550b	–	–	–	–	–	–	2	2	2	2	
13	36138410	MID oil hose	ϕ32 × 400ℓ	–	–	–	–	–	–	1	1	1	1	
14	36138522	Hose band	Jubilee 2	–	–	–	–	–	–	2	2	2	2	
15	36137928	Flange	4040808b	–	–	–	–	–	–	1	1	1	1	
16	36147418 (38121649)	O-ring	1BP22	–	–	–	–	–	–	1	1	1	1	
17	36147122 (74304910)	Cap screw	M8 × 55	–	–	–	–	–	–	4	4	4	4	
18	36138832 (36328329)	90° elbow	3021F-08	–	–	–	–	–	–	3	3	3	3	
19	36138801	Adapter	3001F-08	–	–	–	–	–	–	3	3	3	3	
20	36139002	Nipple	NS-PT 1/2	–	–	–	–	–	–	1	1	1	1	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
21	36138005	Tee	TEF-PT 1/2	–	–	–	–	–	–	1	1	1	1	
22	36138228	Block	4096429	–	–	–	–	–	–	1	1	1	–	
22	36138229	Block	4097141	–	–	–	–	–	–	–	–	–	1	
23	36138623 (44552306)	Plug	PT 3/8"	–	–	–	–	–	–	1	1	1	1	
24	36147421 (36111006)	O-ring	1BP26	–	–	–	–	–	–	4	4	4	4	
25	36147419	O-ring	1BP24	–	–	–	–	–	–	1	1	1	1	
26	36147415	O-ring	1BP14	–	–	–	–	–	–	4	4	4	4	
27	36147132 (36113117)	Cap screw	M10 x 45	–	–	–	–	–	–	4	4	4	4	
28	36138903	Male-female elbow	PT 1"	–	–	–	–	–	–	1	1	1	1	
29	36137909	Pipe support	561856f	–	–	–	–	–	–	2	2	2	2	
30	36138411	MID oil hose	ϕ32 x 600ℓ	–	–	–	–	–	–	2	2	2	2	
31	36138522	Hose band	Jubilee 2	–	–	–	–	–	–	4	4	4	4	
32	36138434	Gasoline hose	ϕ32 x 850ℓ	–	–	–	–	–	–	1	1	1	1	
33	36138524	Hose band	Jubilee 2X	–	–	–	–	–	–	2	2	2	2	
38	36137905	Pipe support	4095476	–	–	–	–	–	–	1	1	1	1	
39	36138919	90° male-female elbow	PT 3/8"	–	–	–	–	–	–	1	1	1	1	
40	36138403	MID oil hose	ϕ15 x 800ℓ	–	–	–	–	–	–	1	1	1	1	
41	36138521	Hose band	Jubilee 1A	–	–	–	–	–	–	2	2	2	2	
47	36138003	Tee	4096430	–	–	–	–	–	–	2	2	2	2	
48	36138504	Vinyl tube	ϕ10 x ϕ13 x 3000ℓ	–	–	–	–	–	–	1	1	1	1	
49	36138719	Wire clamp	ϕ13	–	–	–	–	–	–	6	6	6	6	
50	36138702	Strainer	SFN-08	–	–	–	–	–	–	3	3	3	3	
51	36138101	Copper pipe	4093921	–	–	–	–	–	–	1	1	1	1	
52	36138021 (36109609)	Pipe fitting	4040849	–	–	–	–	–	–	1	1	1	1	
53	36138034	Nut	4040850	–	–	–	–	–	–	1	1	1	1	
54	36138022	Pipe fitting	4040851	–	–	–	–	–	–	1	1	1	1	
56	36138633	Connector	KC4-PT 1/8-S	–	–	–	–	–	–	2	2	2	2	
57	36138725	Wire sticker	E-20	–	–	–	–	–	–	3	3	3	3	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
58	36138308	Rubber hose	M612 EH12NPF 900ℓ	–	–	–	–	–	–	1	–	–	–	
58	36138311	Rubber hose	M612 EH12NPF 1200ℓ	–	–	–	–	–	–	–	1	1	1	
59	36137907	Pipe support	560306b	–	–	–	–	–	–	1	1	1	1	
60	36138918	90° male-female elbow	PT 3/4"	–	–	–	–	–	–	1	1	1	1	
61	36138409	MID oil hose	ϕ25 x 650ℓ	–	–	–	–	–	–	1	1	1	1	
62	36138523	Hose band	Jubilee 2A	–	–	–	–	–	–	2	2	2	2	
63	36137811	Pipe	4126753	–	–	–	–	–	–	1	1	1	1	
64	36138931	Elbow nipple	KLN4-PT 1/8-S	–	–	–	–	–	–	1	1	1	1	
65	36138106	Copper pipe	ϕ4 x ϕ2 x 1200ℓ	–	–	–	–	–	–	1	1	1	1	

Unit No. 25
Electric



ARROW "A–A"

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
3	36147602 (44027327)	Spring washer	M4	2	2	2	2	2	2	2	2	2	–	
4	36140906	Diode	Z10L221	2	2	2	2	2	2	2	2	2	–	
8	36141004	Cable	IV 3.5 mm² × 2 m black	1	1	1	1	–	–	–	–	–	–	
8	36141006	Cable	IV 5.5 mm² × 2 m black	–	–	–	–	1	1	–	–	–	–	
8	36141008	Cable	IV 8.0 mm² × 2 m black	–	–	–	–	–	–	1	1	1	–	
9	36141003	Cable	IV 3.5 mm² × 2 m yellow/green	1	1	1	1	–	–	–	–	–	–	
9	36141005	Cable	IV 5.5 mm² × 2 m yellow/green	–	–	–	–	1	1	–	–	–	–	
9	36141007	Cable	IV 8.0 mm² × 2 m yellow/green	–	–	–	–	–	–	1	1	1	–	
10	36141042	Cable	IV 2.0 mm² × 8 m black	1	1	1	1	–	–	–	–	–	–	
10	36141046	Cable	IV 3.5 mm² × 12 m black	–	–	–	–	1	1	–	–	–	–	
10	36141047	Cable	IV 3.5 mm² × 15 m black	–	–	–	–	–	–	1	–	–	–	
10	36141048	Cable	IV 3.5 mm² × 18 m black	–	–	–	–	–	–	–	1	–	–	
10	36141049	Cable	IV 3.5 mm² × 21 m black	–	–	–	–	–	–	–	–	1	–	
11	36141041	Cable	IV 2.0 mm² × 2 m yellow/green	1	1	1	1	–	–	–	–	–	–	
11	36141043	Cable	IV 3.5 mm² × 3 m yellow/green	–	–	–	–	1	1	–	–	–	–	
11	36141044	Cable	IV 3.5 mm² × 4 m yellow/green	–	–	–	–	–	–	1	1	–	–	
11	36141045	Cable	IV 3.5 mm² × 5 m yellow/green	–	–	–	–	–	–	–	–	1	–	
13	36141012	Cable (for L.S.)	VCT 1.25 mm² × 3c × 2 m	1	1	1	–	–	–	–	–	–	–	
13	36141012	Cable (for L.S.)	VCT 1.25 mm² × 3c × 5 m	–	–	–	1	1	1	1	1	1	–	
15	36141028	Flexible tube (for motor)	PF-19 1.5 m	1	1	1	1	–	–	–	–	–	–	
15	36141029	Flexible tube (for motor)	PF-19 2.5 m	–	–	–	–	1	1	1	–	–	–	
15	36141030	Flexible tube (for motor)	PF-19 3.0 m	–	–	–	–	–	–	–	1	–	–	
15	36141031	Flexible tube (for motor)	PF-19 3.5 m	–	–	–	–	–	–	–	–	1	–	
16	36140929	Connector (for motor)	CSG-19	2	2	2	2	2	2	2	2	2	–	
21	36140408	Transformer	APT-200VA	1	1	1	1	1	1	1	1	1	–	
23	36140228	Breaker base	4123966	1	1	1	1	1	1	1	1	1	–	
24	36147308 (58250511)	Pan head machine screw	M5 × 8	4	4	4	4	4	4	4	4	4	–	
25	36147604 (44027927)	Spring washer	M5	4	4	4	4	4	4	4	4	4	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
26	36140911	Hour meter	TM-25	1	1	1	1	1	1	1	1	1	–	
28	36147302 (74306414)	Pan head machine screw	M4 x 8	2	2	2	2	2	2	2	2	2	–	
29	36140125	Bracket	4095492a	2	2	2	2	2	2	2	2	2	–	
30	36147308 (58250511)	Pan head machine screw	M5 x 8	4	4	4	4	4	4	4	4	4	–	
31	36147604 (44027927)	Spring washer	M5	4	4	4	4	4	4	4	4	4	–	
32	36141407	Socket setting plate	PYP-18	1	1	1	1	1	1	1	1	1	–	
33	36147301 (10555916)	Pan head machine screw	M3 x 6	4	4	4	4	4	4	4	4	4	–	
34	36140901	Control relay	MY4 AC100V	1	1	1	1	1	1	1	1	1	–	
35	36141401	Socket	PY14	1	1	1	1	1	1	1	1	1	–	
36	36141120	Clip	PYC-P	1	1	1	1	1	1	1	1	1	–	
37	36140117	Collar	4091581a	4	4	4	4	4	4	4	4	4	–	
38	36141101	Grommet	C-30-NG-79-G	4	4	4	4	4	4	4	4	4	–	
39	36147104 (74302813)	Cap screw	M6 x 12	4	4	4	4	4	4	4	4	4	–	
40	36147708	Washer	M8 polish	4	4	4	4	4	4	4	4	4	–	
41	36147804 (36322524)	Nut	M6 type-2	4	4	4	4	4	4	4	4	4	–	
46	36141119	Retainer	BNL3	2	2	2	2	2	2	2	2	2	–	
50	36147315	Pan head machine screw	M6 x 15	2	2	2	2	2	2	2	2	2	–	
51	36147607 (44027928)	Spring washer	M6	2	2	2	2	2	2	2	2	2	–	
53	36141127	Breaker lever	G-3A-K	1	1	1	1	1	1	1	1	1	–	
54	36141121	Retainer	H-1E1	1	1	1	1	1	1	1	1	1	–	
55	36140201	Control panel	4095508a	1	1	1	1	1	1	1	1	1	–	
61	36140214	Plate	4124479b	1	1	1	1	1	1	1	1	1	–	
63	36147604 (44027927)	Spring washer	M5	4	4	4	4	4	4	4	4	4	–	
64	36147802	Nut	M5 type-2	4	4	4	4	4	4	4	4	4	–	
65	36140024	Sticker	389793	1	1	1	1	1	1	1	1	1	–	
67	36147308 (58250511)	Pan head machine screw	M5 x 8	2	2	2	2	2	2	2	2	2	–	
70	36140207 (36329401)	Screw	4095509	2	2	2	2	2	2	2	2	2	–	
71	36147708	Washer	M8 polish	2	2	2	2	2	2	2	2	2	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
72	36147807 (36329932)	Nut	M8 type-3	2	2	2	2	2	2	2	2	2	–	
81	36141107	Grommet	SG-34A	2	2	2	2	2	2	2	2	2	–	
82	36141104	Grommet	SG-22A	1	1	1	1	1	1	1	1	1	–	
86	36140601	Magnet switch	SRCa3931-5-1 coil 100V/230V 1.5 kW	1	–	–	–	–	–	–	–	–	–	
86	36140603	Magnet switch	SRCa3931-5-1 coil 100V/230V 2.2 kW	–	1	–	–	–	–	–	–	–	–	
86	36140605	Magnet switch	SRCa3931-5-1 coil 100V/230V 3.7 kW	–	–	1	1	–	–	–	–	–	–	
86	36140607	Magnet switch	SW-2N coil 100V/230V 5.5 kW	–	–	–	–	1	1	–	–	–	–	
86	36140609	Magnet switch	SW-2N coil 100V/230V 7.5 kW	–	–	–	–	–	–	1	1	1	–	
87	36140602	Thermal relay	RCa3737-1c coil 400/460V 1.5 kW	1	–	–	–	–	–	–	–	–	–	
87	36140604	Thermal relay	RCa3737-1c coil 400/460V 2.2 kW	–	1	–	–	–	–	–	–	–	–	
87	36140606	Thermal relay	RCa3737-1c coil 400/460V 3.7 kW	–	–	1	1	–	–	–	–	–	–	
87	36140608	Thermal relay	TR2 400V/460V 5.5 kW	–	–	–	–	1	1	–	–	–	–	
87	36140610	Thermal relay	TR2 400V/460V 7.5 kW	–	–	–	–	–	–	1	1	1	–	
88	36147302 (74306414)	Pan head machine screw	M4 x 8	2	2	2	2	2	2	2	2	2	–	
89	36140702	Circuit breaker	SG33A/15Tℓ	1	–	–	–	–	–	–	–	–	–	
89	36140703	Circuit breaker	SG33A/20Tℓ	–	1	–	–	–	–	–	–	–	–	
89	36140704	Circuit breaker	SG33A/60Tℓ	–	–	1	1	–	–	–	–	–	–	
89	36140701	Circuit breaker	EG63H/60Tℓ	–	–	–	–	1	1	1	1	1	–	
90	36147304	Pan head machine screw	M4 x 35	2	2	2	2	2	2	2	2	2	–	
91	36141010	Cable	KIV 1.25 mm² red	1	1	1	1	1	1	1	1	1	–	
92	36140301	Electrical box	4128747b	1	1	1	1	1	1	1	1	1	–	
93	36140310	Door	4128750a	1	1	1	1	1	1	1	1	1	–	
94	36140319	Apparatus setting plate	4128752d	1	1	1	1	1	1	1	1	1	–	
95	36147308 (58250511)	Pan head machine screw	M5 x 8	4	4	4	4	4	4	4	4	4	–	
96	36147604 (44027927)	Spring washer	M5	4	4	4	4	4	4	4	4	4	–	
97	36140719	Circuit protector	CP31-1/2	1	1	1	1	1	1	1	1	1	–	
98	36147602 (44027327)	Spring washer	M4	2	2	2	2	2	2	2	2	2	–	
99	36141203	Channel base	BNP-387.5ℓ	1	1	1	1	1	1	1	1	1	–	

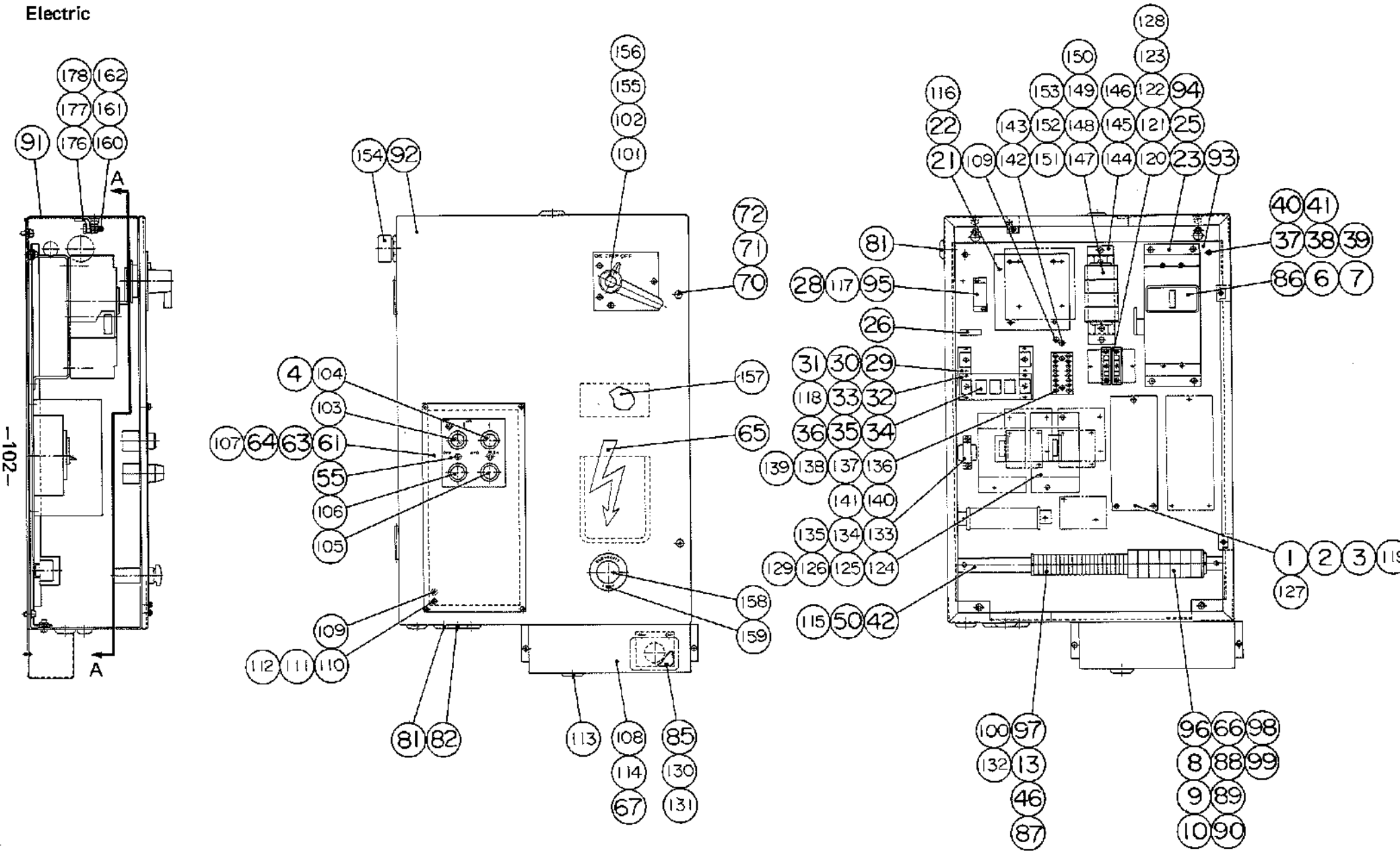
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
100	36141302	Terminal	BN-50	7	7	7	7	7	7	7	7	7	–	
101	36141301	Terminal	BN-15M	24	24	24	24	24	24	24	24	24	–	
102	36140813	Separator	BNE-50	1	1	1	1	1	1	1	1	1	–	
103	36140801	Select switch (SS1)	AH22-J2A11A black	1	1	1	1	1	1	1	1	1	–	
104	36140807	Pilot light (PL1)	AH22-ZMWH black	1	1	1	1	1	1	1	1	1	–	
105	36140729	Push button switch (PB1)	AH22-FR01 black	1	1	1	1	1	1	1	1	1	–	
106	36140730	Push button switch (PB2)	AH22-GL1G11H green	1	1	1	1	1	1	1	1	1	–	
107	36147309 (58250511)	Pan head machine screw	M5 x 8	4	4	4	4	4	4	4	4	4	–	
108	36140102	Washer	4120750a	1	1	1	1	1	1	1	1	1	–	
109	36140109	Cover	4091392c	1	1	1	1	1	1	1	1	1	–	
110	36147308 (58250511)	Pan head machine screw	M5 x 8	2	2	2	2	2	2	2	2	2	–	
111	36147604 (44027927)	Spring washer	M5	2	2	2	2	2	2	2	2	2	–	
112	36147604 (44027927)	Spring washer	M5	2	2	2	2	2	2	2	2	2	–	
113	36147601 (74307612)	Spring washer	M3	4	4	4	4	4	4	4	4	4	–	
114	36140916	Noise killer	ENB221K-14A	1	1	1	1	1	1	1	1	1	–	
115	36140922	Fuse	ATM3-A6Y-2 3A	2	2	2	2	2	2	2	2	2	–	
116	36140921	Fuse	ATM2-A6Y-2 2A	2	2	2	2	2	2	2	2	2	–	
117	36140017	Fuse holder	30322	1	1	1	1	–	–	–	–	–	–	
117	36140016 (44131819)	Fuse holder	30312	–	–	–	–	1	1	1	1	1	–	
118	36147302 (74306414)	Pan head machine screw	M4 x 8	2	2	2	2	2	2	2	2	2	–	
119	36147602 (44027327)	Spring washer	M4	2	2	2	2	2	2	2	2	2	–	
120	36140823	Motor breaker (for 230V)	SA33M 8A	1	–	–	–	–	–	–	–	–	–	
120	36140824	Motor breaker (for 230V)	SA33M 10A	–	1	–	–	–	–	–	–	–	–	
120	36140825	Motor breaker (for 230V)	SA53M 16A	–	–	1	1	–	–	–	–	–	–	
120	36140826	Motor breaker (for 230V)	SA53M 24A	–	–	–	–	1	1	–	–	–	–	
120	36140827	Motor breaker (for 230V)	SA53M 32A	–	–	–	–	–	–	1	1	1	–	
121	36140829	Motor breaker (for 460V)	SA33M 4A	1	–	–	–	–	–	–	–	–	–	
121	36140830	Motor breaker (for 460V)	SA33M 5A	–	1	–	–	–	–	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
121	36140831	Motor breaker (for 460V)	SA33M 8A	–	–	1	1	–	–	–	–	–	–	
121	36140832	Motor breaker (for 460V)	SA53M 12A	–	–	–	–	1	1	–	–	–	–	
121	36140833	Motor breaker (for 460V)	SA53M 16A	–	–	–	–	–	–	1	1	1	–	
122	36147304	Pan head machine screw	M4 × 35	2	2	2	2	2	2	2	2	2	–	
123	36147602 (44027327)	Spring washer	M4	2	2	2	2	2	2	2	2	2	–	
124	36141011	Cable	KIV 1.25 mm^2 yellow/green	1	1	1	1	1	1	1	1	1	–	
125	36140407	Transformer	7935074	1	1	1	1	1	1	1	1	1	–	
126	36147308 (58250511)	Pan head machine screw	M5 × 8	2	2	2	2	2	2	2	2	2	–	
127	36147604 (44027927)	Spring washer	M5	2	2	2	2	2	2	2	2	2	–	
128	36141320	Terminal cover	BNC32 110$^{\ell}$	1	1	1	1	1	1	1	1	1	–	
129	36141318	Terminal cover	BNC22 200$^{\ell}$	1	1	1	1	1	1	1	1	1	–	
130	36140215	Plate (for ground)	4134094	1	1	1	1	1	1	1	1	1	–	
131	36147308 (58250511)	Pan head machine screw	M5 × 8	2	2	2	2	2	2	2	2	2	–	
132	36147604 (44027927)	Spring washer	M5	2	2	2	2	2	2	2	2	2	–	
133	36147704	Washer	M5 polish	4	4	4	4	4	4	4	4	4	–	
134	36147308 (58250511)	Pan head machine screw	M5 × 8	4	4	4	4	4	4	4	4	4	–	
135	36147302 (74306414)	Pan head machine screw	M4 × 8	12	12	12	12	12	12	12	12	12	–	
136	36147308 (58250511)	Pan head machine screw	M5 × 8	1	1	1	1	1	1	1	1	1	–	
137	36147604 (44027927)	Spring washer	M5	1	1	1	1	1	1	1	1	1	–	
138	36140026	Sticker (ground)	AS-K	4	4	4	4	4	4	4	4	4	–	
139	36140328	Terminal base	4134105a	1	1	1	1	1	1	1	1	1	–	
140	36147308 (58250511)	Pan head machine screw	M5 × 8	2	2	2	2	2	2	2	2	2	–	
141	36147604 (44027927)	Spring washer	M5	2	2	2	2	2	2	2	2	2	–	
142	36141201	Rail	BNP-112.5$^{\ell}$	1	1	1	1	1	1	1	1	1	–	
143	36147311	Pan head machine screw	M5 × 15	2	2	2	2	2	2	2	2	2	–	
144	36147604 (44027927)	Spring washer	M5	2	2	2	2	2	2	2	2	2	–	
145	36141302	Terminal	BN-50	4	4	4	4	–	–	–	–	–	–	
145	36141303	Terminal	BN-75	–	–	–	–	4	4	4	4	4	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
146	36140813	Separator	BNE-50	1	1	1	1	–	–	–	–	–	–	
146	36140814	Separator	BNE-75	–	–	–	–	1	1	1	1	1	–	
147	36141119	Clip	BNL-3	2	2	2	2	2	2	2	2	2	–	
148	36141319	Terminal cover	BNC-32 70ℓ	1	1	1	1	–	–	–	–	–	–	
148	36141321	Terminal cover	BNC-42 85ℓ	–	–	–	–	1	1	1	1	1	–	
149	36140931	Connector	OA-U2	1	1	1	1	1	1	1	1	1	–	
150	36147308 (58250511)	Pan head machine screw	M5 x 8	3	3	3	3	3	3	3	3	3	–	
151	36147604 (44027927)	Spring washer	M5	3	3	3	3	3	3	3	3	3	–	
152	36140025	Sticker (fuse)	4134098b	1	1	1	1	1	1	1	1	1	–	
153	36140731	Push button switch	AH22-Q2-R02 black	1	1	1	1	1	1	1	1	1	–	
154	36140027	Sticker	AHX-719-E	1	1	1	1	1	1	1	1	1	–	
155	36147004 (36323015)	Bolt	M6 x 20	1	1	1	1	1	1	1	1	1	–	
156	36147608 (36323020)	Spring washer	M6 type-2	1	1	1	1	1	1	1	1	1	–	
157	36147804 (36322524)	Nut	M6 type-2	2	2	2	2	2	2	2	2	2	–	
158	36140942	Connector collar (for motor cable)	CC-19	2	2	2	2	2	2	2	2	2	–	
159	36140004	Blind cover	4134386	1	1	1	1	1	1	1	1	1	–	
160	36147313 (74303113)	Pan head machine screw	M6 x 8	4	4	4	4	4	4	4	4	4	–	
161	36147607 (44027928)	Spring washer	M6	4	4	4	4	4	4	4	4	4	–	
162	36140003	Blind cover	4134127	1	1	1	1	1	1	1	1	1	–	
163	36140401	Packing	4134128	1	1	1	1	1	1	1	1	1	–	
164	36147313 (74303113)	Pan head machine screw	M6 x 8	4	4	4	4	4	4	4	4	4	–	
165	36147705 (44027930)	Washer	M6	4	4	4	4	4	4	4	4	4	–	
166	36147607 (44027928)	Spring washer	M6	4	4	4	4	4	4	4	4	4	–	
167	36147308 (58250511)	Pan head machine screw	M5 x 8	1	1	1	1	1	1	1	1	1	–	
168	36147802	Nut	M5 type-2	1	1	1	1	1	1	1	1	1	–	
169	36147604 (44027927)	Spring washer	M5	1	1	1	1	1	1	1	1	1	–	
170	36140001	Blind cover	383823	2	2	2	2	2	2	2	2	2	–	
171	36147308 (58250511)	Pan head machine screw	M5 x 8	3	3	3	3	3	3	3	3	3	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
172	36147703	Washer	M5	3	3	3	3	3	3	3	3	3	–	
173	36147604 (44027927)	Spring washer	M5	3	3	3	3	3	3	3	3	3	–	
174	36147802	Nut	M5 type-2	3	3	3	3	3	3	3	3	3	–	
175	36141105	Grommet	SG-26A	4	4	4	4	4	4	4	4	4	–	
176	36141103	Grommet	DP2000	1	1	1	1	1	1	1	1	1	–	
177	36141217	Lug terminal	1.25 mm^2	1 set	1 set	1 set	1 set	1 set	1 set	1 set	1 set	1 set	–	
178	36141218	Lug terminal	2.0 mm^2	1 set	1 set	1 set	1 set	–	–	–	–	–	–	
179	36141219	Lug terminal	3.5 mm^2	1 set	1 set	1 set	1 set	1 set	1 set	1 set	1 set	1 set	–	
180	36141220	Lug terminal	5.5 mm^2	–	–	–	–	1 set	1 set	1 set	1 set	1 set	–	
181	36141221	Lug terminal	8.0 mm^2	–	–	–	–	1 set	1 set	1 set	1 set	1 set	–	
182	36147602 (44027327)	Spring washer	M4	2	2	2	2	2	2	2	2	2	–	
183	36140131	Angle	4095506	1	1	1	1	1	1	1	1	1	–	
184	36147115	Cap screw	M8 x 16	4	4	4	4	4	4	4	4	4	–	
185	36147610	Spring washer	M8 type-2	4	4	4	4	4	4	4	4	4	–	

Unit No. 25
Electric



ARROW "A–A"

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36140611	Magnet switch	SW-3 coil 100V/230V 11 kW	–	–	–	–	–	–	–	–	–	1	
2	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	3	
3	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	3	
4	36140906	Diode	Z10L221	–	–	–	–	–	–	–	–	–	2	
6	36147304	Pan head machine screw	M4 x 35	–	–	–	–	–	–	–	–	–	4	
7	36147602 (44027327)	Spring washer	M4	–	–	–	–	–	–	–	–	–	4	
8	36141009	Cable	IV 14 mm² black	–	–	–	–	–	–	–	–	–	1	
9	36141007	Cable	IV 8 mm² yellow/green	–	–	–	–	–	–	–	–	–	1	
10	36141008	Cable	IV 8 mm² black	–	–	–	–	–	–	–	–	–	1	
13	36141012	Cable	VCT 1.25 mm² x 3c	–	–	–	–	–	–	–	–	–	1	
21	36140409	Transformer	APT-300VA-C	–	–	–	–	–	–	–	–	–	1	
22	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	4	
23	36140229	Breaker base	4124233b	–	–	–	–	–	–	–	–	–	1	
25	36147607 (44027928)	Spring washer	M6	–	–	–	–	–	–	–	–	–	4	
26	36140911	Hour meter	TM-25	–	–	–	–	–	–	–	–	–	1	
28	36147302 (74306414)	Pan head machine screw	M4 x 8	–	–	–	–	–	–	–	–	–	2	
29	36140125	Bracket	4095492a	–	–	–	–	–	–	–	–	–	2	
30	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	4	
31	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	4	
32	36141407	Socket setting plate	PYP-18	–	–	–	–	–	–	–	–	–	1	
33	36147301 (10555916)	Pan head machine screw	M3 x 6	–	–	–	–	–	–	–	–	–	4	
34	36140901	Control relay	MY4 AC100V	–	–	–	–	–	–	–	–	–	1	
35	36141401	Socket	PY14	–	–	–	–	–	–	–	–	–	1	
36	36141120	Clip	PYC-P	–	–	–	–	–	–	–	–	–	1	
37	36140118	Collar	4092521a	–	–	–	–	–	–	–	–	–	4	
38	36141102	Grommet	C-30-NG-79-H	–	–	–	–	–	–	–	–	–	4	
39	36147104 (74302813)	Cap screw	M6 x 12	–	–	–	–	–	–	–	–	–	4	
40	36147708	Washer	M8 polish	–	–	–	–	–	–	–	–	–	4	

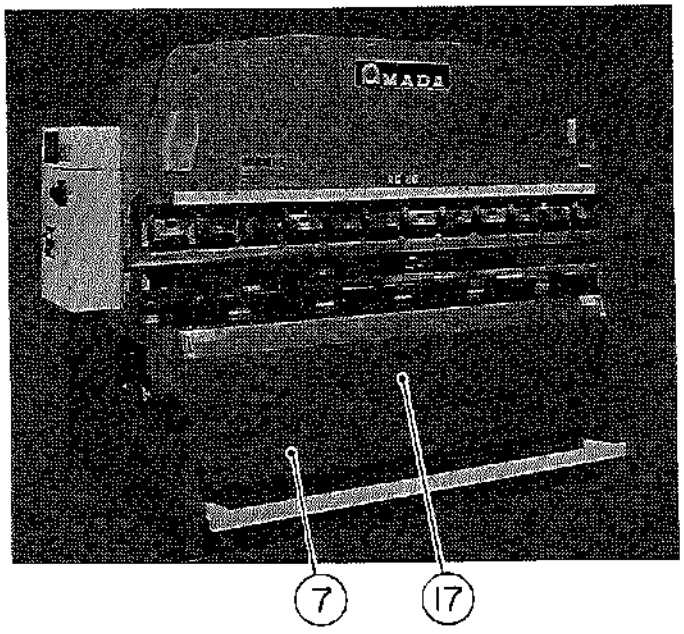
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
41	36147804 (36322524)	Nut	M6 type-2	–	–	–	–	–	–	–	–	–	4	
42	36141204	Rail	BNP-500ℓ	–	–	–	–	–	–	–	–	–	1	
46	36141119	Retainer	BNL-3	–	–	–	–	–	–	–	–	–	2	
50	36147315	Pan head machine screw	M6 x 15	–	–	–	–	–	–	–	–	–	2	
55	36140201	Control panel	4095508a	–	–	–	–	–	–	–	–	–	1	
61	36140213	Plate	4124234a	–	–	–	–	–	–	–	–	–	1	
63	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	4	
64	36147802	Nut	M5 type-2	–	–	–	–	–	–	–	–	–	4	
65	36140024	Sticker (electric)	389793	–	–	–	–	–	–	–	–	–	1	
66	36140101	Washer	4043645	–	–	–	–	–	–	–	–	–	2	
67	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	2	
70	36140207 (36329401)	Screw	4095509	–	–	–	–	–	–	–	–	–	2	
71	36147708	Washer	M8 polish	–	–	–	–	–	–	–	–	–	2	
72	36147807 (36329932)	Nut	M8 type-3	–	–	–	–	–	–	–	–	–	2	
81	36141106	Grommet	SG-28A	–	–	–	–	–	–	–	–	–	1	
82	36141104	Grommet	SG-22A	–	–	–	–	–	–	–	–	–	1	
85	36140212	Plate	4097286	–	–	–	–	–	–	–	–	–	1	
86	36140705	Circuit breaker	SGa103A/100Tℓ	–	–	–	–	–	–	–	–	–	1	
87	36141010	Cable	KIV 1.25 mm^2 red	–	–	–	–	–	–	–	–	–	1	
88	36141034	Flexible tube	PF-25 2.5 m	–	–	–	–	–	–	–	–	–	1	
89	36140930	Connector	CSG-25	–	–	–	–	–	–	–	–	–	2	
90	36140942	Nut	CC-25	–	–	–	–	–	–	–	–	–	2	
91	36140302	Electrical box	4128756d	–	–	–	–	–	–	–	–	–	1	
92	36140311	Door	4128758a	–	–	–	–	–	–	–	–	–	1	
93	36140320	Apparatus setting plate	4128760b	–	–	–	–	–	–	–	–	–	1	
94	36147313 (74303113)	Pan head machine screw	M6 x 8	–	–	–	–	–	–	–	–	–	4	
95	36140720	Circuit protector	CP31-1/3	–	–	–	–	–	–	–	–	–	1	
96	36141303	Terminal	BN-75	–	–	–	–	–	–	–	–	–	7	

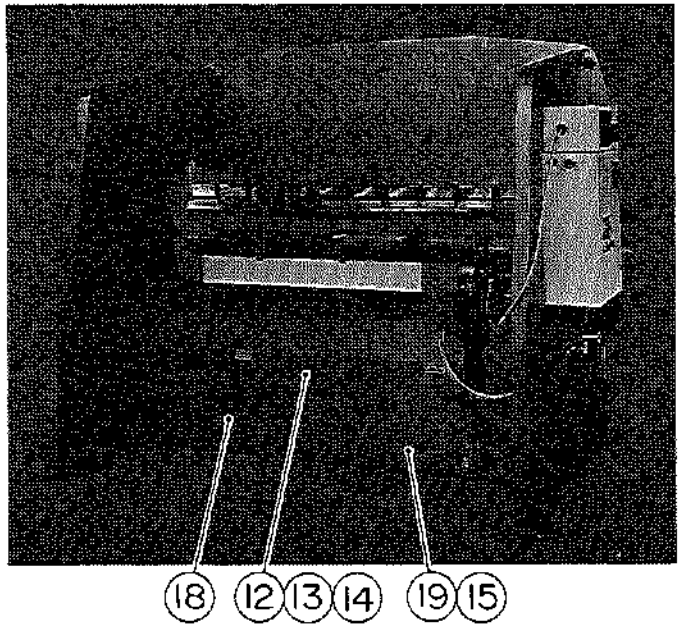
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
97	36141301	Terminal	BN-15M	–	–	–	–	–	–	–	–	–	22	
98	36140814	Separator	BNE-75	–	–	–	–	–	–	–	–	–	1	
99	36141322	Cover	BNC-42 150ℓ	–	–	–	–	–	–	–	–	–	1	
100	36141317	Cover	BNC-22 190ℓ	–	–	–	–	–	–	–	–	–	1	
101	36141128	Breaker lever	G-12A-K	–	–	–	–	–	–	–	–	–	1	
102	36141122	Retainer	H-1E4	–	–	–	–	–	–	–	–	–	1	
103	36140801	Select switch (SS1)	AH22-J2A11A black	–	–	–	–	–	–	–	–	–	1	
104	36140807	Pilot light (PL1)	AH22-ZMWH black	–	–	–	–	–	–	–	–	–	1	
105	36140730	Push button switch (PB2)	AH22-GL1G11H green	–	–	–	–	–	–	–	–	–	1	
106	36140729	Push button switch (PB1)	AH22-FR01 black	–	–	–	–	–	–	–	–	–	1	
107	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	4	
108	36140110	Cover	4125064a	–	–	–	–	–	–	–	–	–	1	
109	36140026	Sticker (ground)	AS-K	–	–	–	–	–	–	–	–	–	4	
110	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	1	
111	36147802	Nut	M5 type-2	–	–	–	–	–	–	–	–	–	1	
112	36147605	Spring washer	M5 polish	–	–	–	–	–	–	–	–	–	1	
113	36141107	Grommet	SG-34A	–	–	–	–	–	–	–	–	–	1	
114	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	2	
115	36147607 (44027928)	Spring washer	M6	–	–	–	–	–	–	–	–	–	2	
116	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	4	
117	36147602 (44027327)	Spring washer	M4	–	–	–	–	–	–	–	–	–	2	
118	36147601 (74307612)	Spring washer	M3	–	–	–	–	–	–	–	–	–	4	
119	36140916	Noise killer	ENB221K-14A	–	–	–	–	–	–	–	–	–	1	
120	36140922	Fuse	ATM3-A6Y-2 3A	–	–	–	–	–	–	–	–	–	2	
121	36140017	Fuse holder	30322	–	–	–	–	–	–	–	–	–	1	
122	36147302 (74306414)	Pan head machine screw	M4 x 8	–	–	–	–	–	–	–	–	–	2	
123	36147602 (44027327)	Spring washer	M4	–	–	–	–	–	–	–	–	–	2	
124	36140828	Motor breaker (for 230V)	SA53M 45A	–	–	–	–	–	–	–	–	–	1	

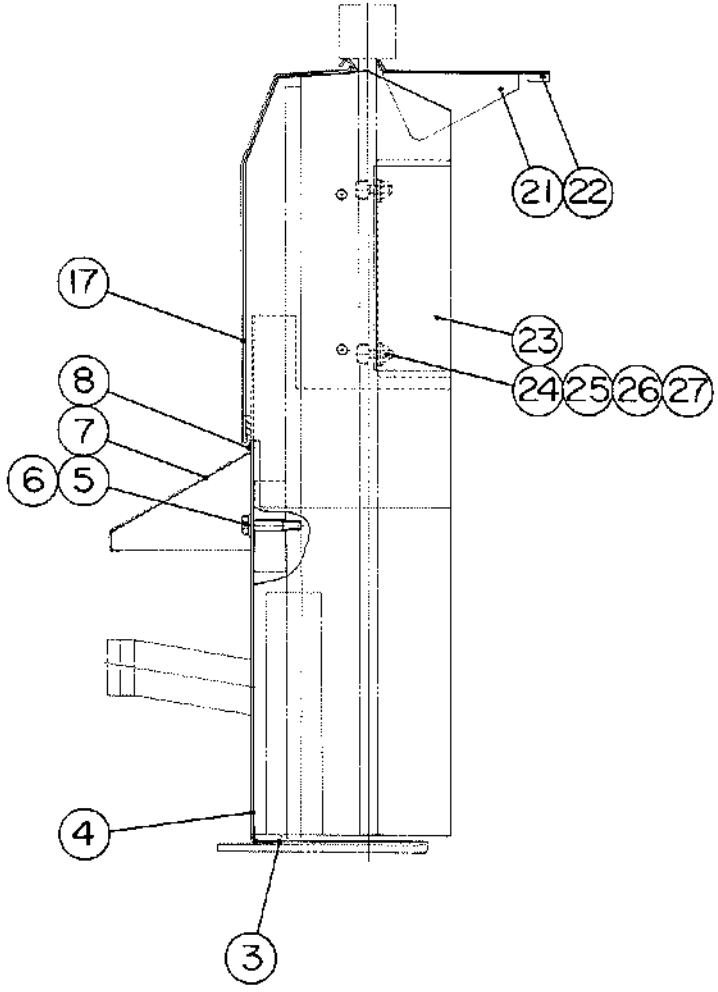
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
125	36147304	Pan head machine screw	M4 x 35	–	–	–	–	–	–	–	–	–	2	
126	36147602 (44027327)	Spring washer	M4	–	–	–	–	–	–	–	–	–	2	
127	36140612	Thermal relay	TR-3 400/460V 11 kW	–	–	–	–	–	–	–	–	–	1	
128	36140921	Fuse	ATM2-A6Y-2 (2A/600V)	–	–	–	–	–	–	–	–	–	2	
129	36140834	Motor breaker (for 460V)	SA53M 24A	–	–	–	–	–	–	–	–	–	1	
130	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	2	
131	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	2	
132	36141011	Cable	KIV 1.25 mm^2 yellow/green	–	–	–	–	–	–	–	–	–	1	
133	36140407	Transformer	7935074	–	–	–	–	–	–	–	–	–	1	
134	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	2	
135	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	2	
136	36140215	Plate	4134094	–	–	–	–	–	–	–	–	–	1	
137	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	2	
138	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	2	
139	36147704	Washer	M5 polish	–	–	–	–	–	–	–	–	–	4	
140	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	4	
141	36147302 (74306414)	Pan head machine screw	M4 x 8	–	–	–	–	–	–	–	–	–	12	
142	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	1	
143	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	1	
144	36140329	Terminal base	4134134	–	–	–	–	–	–	–	–	–	1	
145	36147308 (58250511)	Pan head machine screw	M5 x 8	–	–	–	–	–	–	–	–	–	2	
146	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	2	
147	36141202	Rail	BNP-150$^{\ell}$	–	–	–	–	–	–	–	–	–	1	
148	36147311	Pan head machine screw	M5 x 15	–	–	–	–	–	–	–	–	–	2	
149	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	2	
150	36141304	Terminal	BN-150	–	–	–	–	–	–	–	–	–	4	
151	36140815	End plate	BNE-150	–	–	–	–	–	–	–	–	–	1	
152	36141119	Clip	BNL-3	–	–	–	–	–	–	–	–	–	2	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
153	36141323	Cover	BNC-52 110ℓ	–	–	–	–	–	–	–	–	–	1	
154	36140932	Connector	YS-38	–	–	–	–	–	–	–	–	–	1	
155	36147308 (58250511)	Pan head machine screw	M5 × 8	–	–	–	–	–	–	–	–	–	3	
156	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	3	
157	36140025	Sticker (fuse)	4134098b	–	–	–	–	–	–	–	–	–	1	
158	36140731	Push button switch	AH22-Q2-R02 black	–	–	–	–	–	–	–	–	–	1	
159	36140027	Sticker	AHX-719-E	–	–	–	–	–	–	–	–	–	1	
160	36147008 (37014513)	Bolt	M8 × 30	–	–	–	–	–	–	–	–	–	1	
161	36147610	Spring washer	M8 type-2	–	–	–	–	–	–	–	–	–	1	
162	36147806	Nut	M8 type-2	–	–	–	–	–	–	–	–	–	2	
163	36147308 (58250511)	Pan head machine screw	M5 × 8	–	–	–	–	–	–	–	–	–	3	
164	36147703 (44552819)	Washer	M5	–	–	–	–	–	–	–	–	–	3	
165	36147604 (44027927)	Spring washer	M5	–	–	–	–	–	–	–	–	–	3	
166	36147802	Nut	M5 type-2	–	–	–	–	–	–	–	–	–	3	
167	36141103	Grommet	DP2000	–	–	–	–	–	–	–	–	–	1	
168	36140002	Blind cover	4128755a	–	–	–	–	–	–	–	–	–	1	
169	36147313 (74303113)	Pan head machine screw	M6 × 8	–	–	–	–	–	–	–	–	–	4	
170	36147607 (44027928)	Spring washer	M6	–	–	–	–	–	–	–	–	–	4	
171	36140003	Blind cover	4134127	–	–	–	–	–	–	–	–	–	1	
172	36140401	Packing	4134128	–	–	–	–	–	–	–	–	–	1	
173	36147313 (74303113)	Pan head machine screw	M6 × 8	–	–	–	–	–	–	–	–	–	4	
174	36147705 (44027930)	Washer	M6	–	–	–	–	–	–	–	–	–	4	
175	36147607 (44027928)	Spring washer	M6	–	–	–	–	–	–	–	–	–	4	
176	36140132	Angle	4097271	–	–	–	–	–	–	–	–	–	1	
177	36147115	Cap screw	M8 × 16	–	–	–	–	–	–	–	–	–	4	
178	36147610	Spring washer	M8 type-2	–	–	–	–	–	–	–	–	–	4	

Unit No. 26
Cover





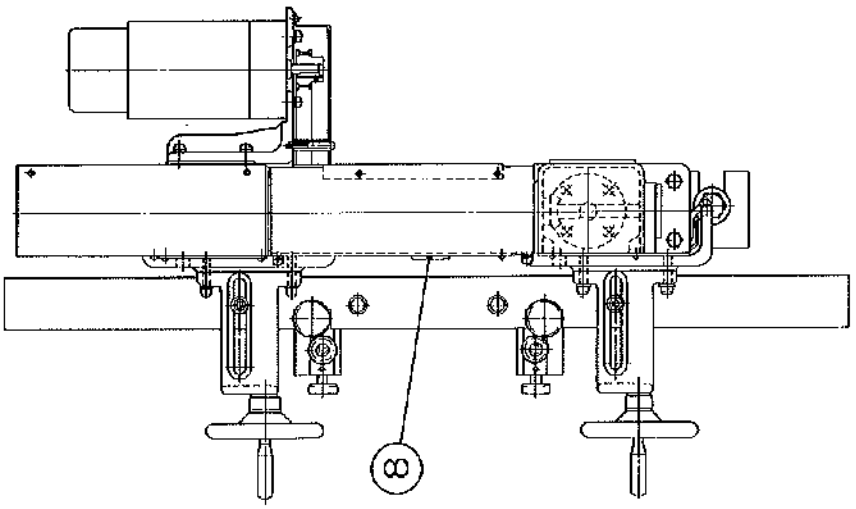


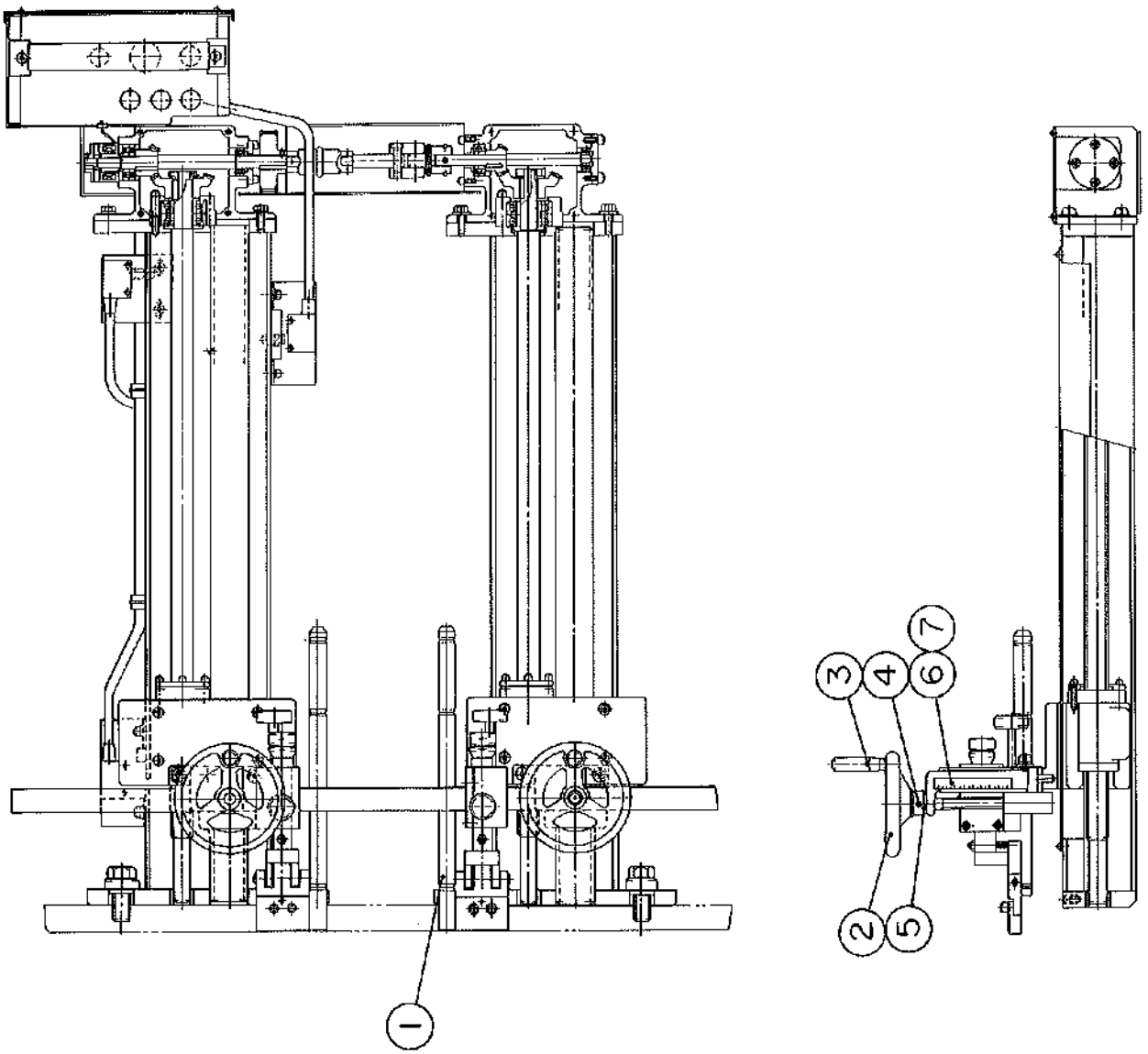
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36142501	Front cover ass'y	4125384	1	–	–	–	–	–	–	–	–	–	
1	36142502	Front cover ass'y	4125385	–	1	–	–	–	–	–	–	–	–	
1	36142503	Front cover ass'y	4125386	–	–	1	–	–	–	–	–	–	–	
1	36142504	Front cover ass'y	4120655	–	–	–	1	–	–	–	–	–	–	
1	36142505	Front cover ass'y	4120657	–	–	–	–	1	–	–	–	–	–	
1	36142506	Front cover ass'y	4120045	–	–	–	–	–	1	–	–	–	–	
1	36142507	Front cover ass'y	4120659	–	–	–	–	–	–	1	–	–	–	
1	36142508	Front cover ass'y	4120661	–	–	–	–	–	–	–	1	–	–	
1	36142509	Front cover ass'y	4120667	–	–	–	–	–	–	–	–	1	–	
1	36142510	Front cover ass'y	4120670	–	–	–	–	–	–	–	–	–	1	
3	36142701	Auxiliary cover	4120652a	1	1	–	–	–	–	–	–	–	–	
3	36142702	Auxiliary cover	4121637	–	–	1	–	–	–	–	–	–	–	
3	36142703	Auxiliary cover	4120658a	–	–	–	1	1	–	–	–	–	–	
3	36142704	Auxiliary cover	4121655a	–	–	–	–	–	1	–	–	–	–	
3	36142705	Auxiliary cover	4120660a	–	–	–	–	–	–	1	–	–	–	
3	36142706	Auxiliary cover	4121663a	–	–	–	–	–	–	–	1	–	–	
4	36142625	Front cover (lower)	4096409	1	–	–	–	–	–	–	–	–	–	
4	36142626	Front cover (lower)	4096411	–	1	–	–	–	–	–	–	–	–	
4	36142627	Front cover (lower)	4098316	–	–	1	–	–	–	–	–	–	–	
4	36142628	Front cover (lower)	4120656	–	–	–	1	–	–	–	–	–	–	
4	36142629	Front cover (lower)	4096322a	–	–	–	–	1	–	–	–	–	–	
4	36142630	Front cover (lower)	4096321a	–	–	–	–	–	1	–	–	–	–	
4	36142631	Front cover (lower)	4096413a	–	–	–	–	–	–	1	–	–	–	
4	36142632	Front cover (lower)	4096415	–	–	–	–	–	–	–	1	–	–	
4	36142633	Front cover (lower)	4096419a	–	–	–	–	–	–	–	–	1	–	
4	36142634	Front cover (lower)	4097152	–	–	–	–	–	–	–	–	–	1	
5	36147015	Bolt	M10 x 45	2	2	2	–	–	2	–	2	4	2	
5	36147014	Bolt	M10 x 40	–	–	–	2	2	–	2	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
6	36147710 (74300512)	Washer	M10	2	2	2	2	2	2	2	2	4	2	
7	36142717	Pedal cover	4091218a	1	1	1	–	–	–	–	–	–	–	
7	36142718	Pedal cover	4091220b	–	–	–	1	1	–	–	–	–	–	
7	36142719	Pedal cover	4091222b	–	–	–	–	–	1	1	–	–	–	
7	36142720	Pedal cover	4091224b	–	–	–	–	–	–	–	1	–	1	
7	36142721	Pedal cover	4091226b	–	–	–	–	–	–	–	–	1	–	
8	36147309	Pan head machine screw	M5 × 8 FT-type-3	5	5	5	5	5	6	6	6	8	6	
12	36142907 (36333401)	Knob	4040893	2	2	2	4	4	4	4	4	4	4	
13	36147010 (44029703)	Bolt	M10 × 20	2	2	2	4	4	4	4	4	4	4	
14	36147711	Washer	M10 polish	2	2	2	4	4	4	4	4	4	4	
15	36142914	Rubber packing	383322a (ℓ = 1500)	1	1	–	1	1	1	–	–	–	–	
15	36142913	Rubber packing	383322a (ℓ = 1200)	–	–	1	–	–	–	–	–	–	–	
15	36142915	Rubber packing	383322a (ℓ = 1800)	–	–	–	–	–	–	1	1	1	1	
16	36142801	Upper cover ass'y	51.86105.0	1	–	–	–	–	–	–	–	–	–	
16	36142802	Upper cover ass'y	382180	–	1	–	–	–	–	–	–	–	–	
16	36142803	Upper cover ass'y	4098327	–	–	1	–	–	–	–	–	–	–	
16	36142804	Upper cover ass'y	51.86108.0	–	–	–	1	–	–	–	–	–	–	
16	36142805	Upper cover ass'y	380370a	–	–	–	–	1	–	–	–	–	–	
16	36142806	Upper cover ass'y	51.86109.0	–	–	–	–	–	1	1	–	–	–	
16	36142807	Upper cover ass'y	51.86121.0	–	–	–	–	–	–	–	1	–	1	
16	36142808	Upper cover ass'y	381205	–	–	–	–	–	–	–	–	1	–	
17	36142601	Front cover (upper)	4122427	1	–	–	–	–	–	–	–	–	–	
17	36142602	Front cover (upper)	4122430	–	1	–	–	–	–	–	–	–	–	
17	36142603	Front cover (upper)	4123585	–	–	1	–	–	–	–	–	–	–	
17	36142604	Front cover (upper)	4090356	–	–	–	1	–	–	–	–	–	–	
17	36142605	Front cover (upper)	4120413	–	–	–	–	1	–	–	–	–	–	
17	36146206	Front cover (upper)	4120414	–	–	–	–	–	1	–	–	–	–	
17	36142607	Front cover (upper)	4120415	–	–	–	–	–	–	1	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
17	36142608	Front cover (upper)	4120416	–	–	–	–	–	–	–	1	–	–	
17	36142609	Front cover (upper)	4120417	–	–	–	–	–	–	–	–	1	–	
17	36142610	Front cover (upper)	4120877	–	–	–	–	–	–	–	–	–	1	
18	36143024	Rear cover (left)	4120404a	1	1	–	–	–	–	–	–	–	–	
18	36143025	Rear cover (left)	4128712a	–	–	1	–	–	–	–	–	–	–	
18	36143026	Rear cover (left)	4128716a	–	–	–	1	1	–	–	–	–	–	
18	36143027	Rear cover (left)	4128720a	–	–	–	–	–	1	–	–	–	–	
18	36143028	Rear cover (left)	4128824a	–	–	–	–	–	–	1	–	–	–	
18	36143029	Rear cover (left)	4128828a	–	–	–	–	–	–	–	1	–	1	
18	36143030	Rear cover (left)	4129028a	–	–	–	–	–	–	–	–	1	–	
19	36143101	Rear cover (right)	4128714b	–	–	1	–	–	–	–	–	–	–	
19	36143102	Rear cover (right)	4128718	–	–	–	1	1	–	–	–	–	–	
19	36143103	Rear cover (right)	4128722	–	–	–	–	–	1	–	–	–	–	
19	36143104	Rear cover (right)	4128826	–	–	–	–	–	–	1	–	–	–	
19	36143105	Rear cover (right)	4128830	–	–	–	–	–	–	–	1	–	1	
19	36143106	Rear cover (right)	4129030	–	–	–	–	–	–	–	–	1	–	
20	36143001	Rear cover ass'y	4099975a	1	1	–	–	–	–	–	–	–	–	
20	36143002	Rear cover ass'y	4128705b	–	–	1	–	–	–	–	–	–	–	
20	36143003	Rear cover ass'y	4128706a	–	–	–	1	1	–	–	–	–	–	
20	36143004	Rear cover ass'y	4128707a	–	–	–	–	–	1	–	–	–	–	
20	36143005	Rear cover ass'y	4128708a	–	–	–	–	–	–	1	–	–	–	
20	36143006	Rear cover ass'y	4128709a	–	–	–	–	–	–	–	1	–	1	
20	36143007	Rear cover ass'y	4128711a	–	–	–	–	–	–	–	–	1	–	
21	36142827	Upper cover	51.76011.0	1	–	–	–	–	–	–	–	–	–	
21	36142828	Upper cover	382181	–	1	–	–	–	–	–	–	–	–	
21	36142829	Upper cover	4098328	–	–	1	–	–	–	–	–	–	–	
21	36142830	Upper cover	51.76014.0	–	–	–	1	–	–	–	–	–	–	
21	36142831	Upper cover	380371	–	–	–	–	1	–	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
21	36142832	Upper cover	51.76015.0	–	–	–	–	–	1	1	–	–	–	
21	36142833	Upper cover	51.76025.0	–	–	–	–	–	–	–	1	–	1	
21	36142834	Upper cover	381206	–	–	–	–	–	–	–	–	1	–	
22	36142901	Felt	51.07508.0a 980ℓ	1	1	–	–	–	–	–	–	–	–	
22	36142928	Felt	51.07508.0a 1100ℓ	–	–	1	–	–	–	–	–	–	–	
22	36142929	Felt	51.07508.0a 1600ℓ	–	–	–	1	–	–	–	–	–	–	
22	36142930	Felt	51.07508.0a 1640ℓ	–	–	–	–	1	–	–	–	–	–	
22	36142931	Felt	51.07508.0a 2170ℓ	–	–	–	–	–	1	1	–	–	–	
22	36142932	Felt	51.07508.0a 2670ℓ	–	–	–	–	–	–	–	1	–	1	
22	36142933	Felt	51.07508.0a 3220ℓ	–	–	–	–	–	–	–	–	1	–	
23	36142733	Right cover	4125380	1	1	–	–	–	–	–	–	–	–	
23	36142734	Right cover	4125381	–	–	1	–	–	–	–	–	–	–	
24	36147127 (44028704)	Cap screw	M10 x 20	2	2	2	–	–	–	–	–	–	–	
25	36147711	Washer	M10 polish	2	2	2	–	–	–	–	–	–	–	
26	36147612	Spring washer	M10 type-2	2	2	2	–	–	–	–	–	–	–	
27	36147809 (36327621)	Nut	M10 type-2	2	2	2	–	–	–	–	–	–	–	

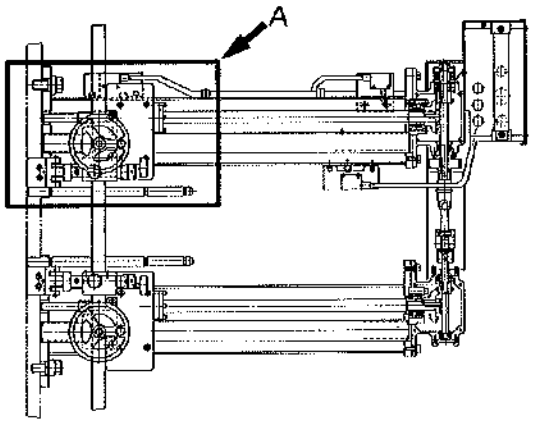


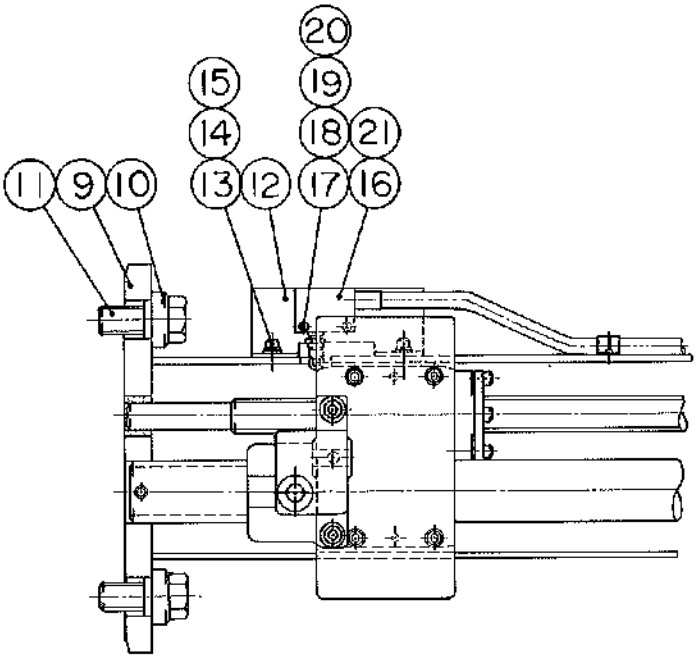


Unit No. 28
Auto-back gauge

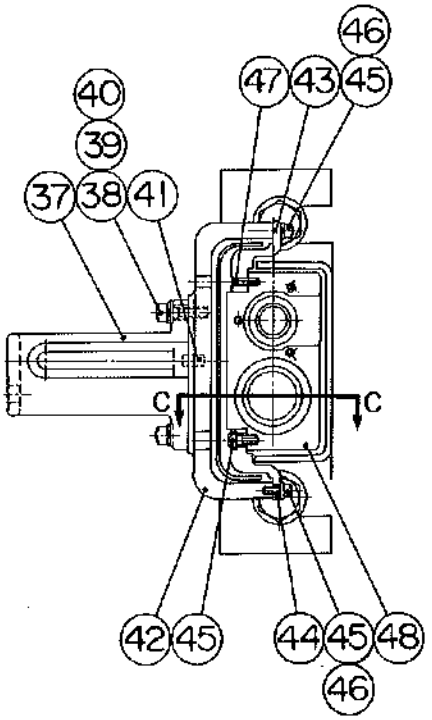
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
1	36145201 (36002328)	Rod	571330	2	2	2	2	2	2	2	2	4	2	
2	36144101	Handwheel	4124910	2	2	2	2	2	2	2	2	2	2	
3	36144107	Lever	4124911a	2	2	2	2	2	2	2	2	2	2	
4	36147907 (10565802)	Spring pin	ϕ5 x 30	2	2	2	2	2	2	2	2	2	2	
5	36147710 (74300512)	Washer	M10	2	2	2	2	2	2	2	2	2	2	
6	36144113	Scale (inch)	4128704	2	2	2	2	2	2	2	2	2	2	
7	36144112	Scale (mm)	4124912a	2	2	2	2	2	2	2	2	2	2	
8	36144009 (36181121)	Sticker (caution)	810584a	1	1	1	1	1	1	1	1	1	1	

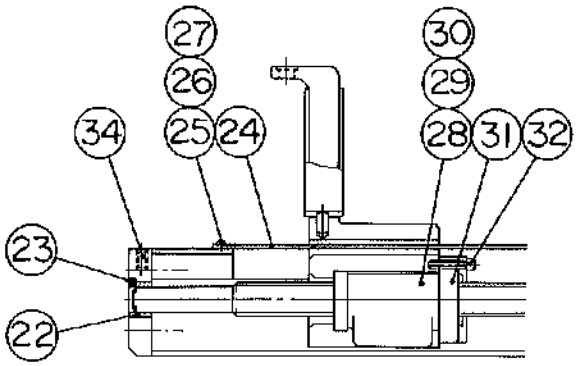
Unit No. 28
Auto-back gauge



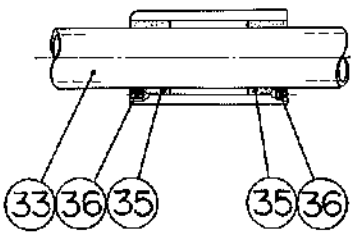


DETAIL "A"





DETAIL "B–B"

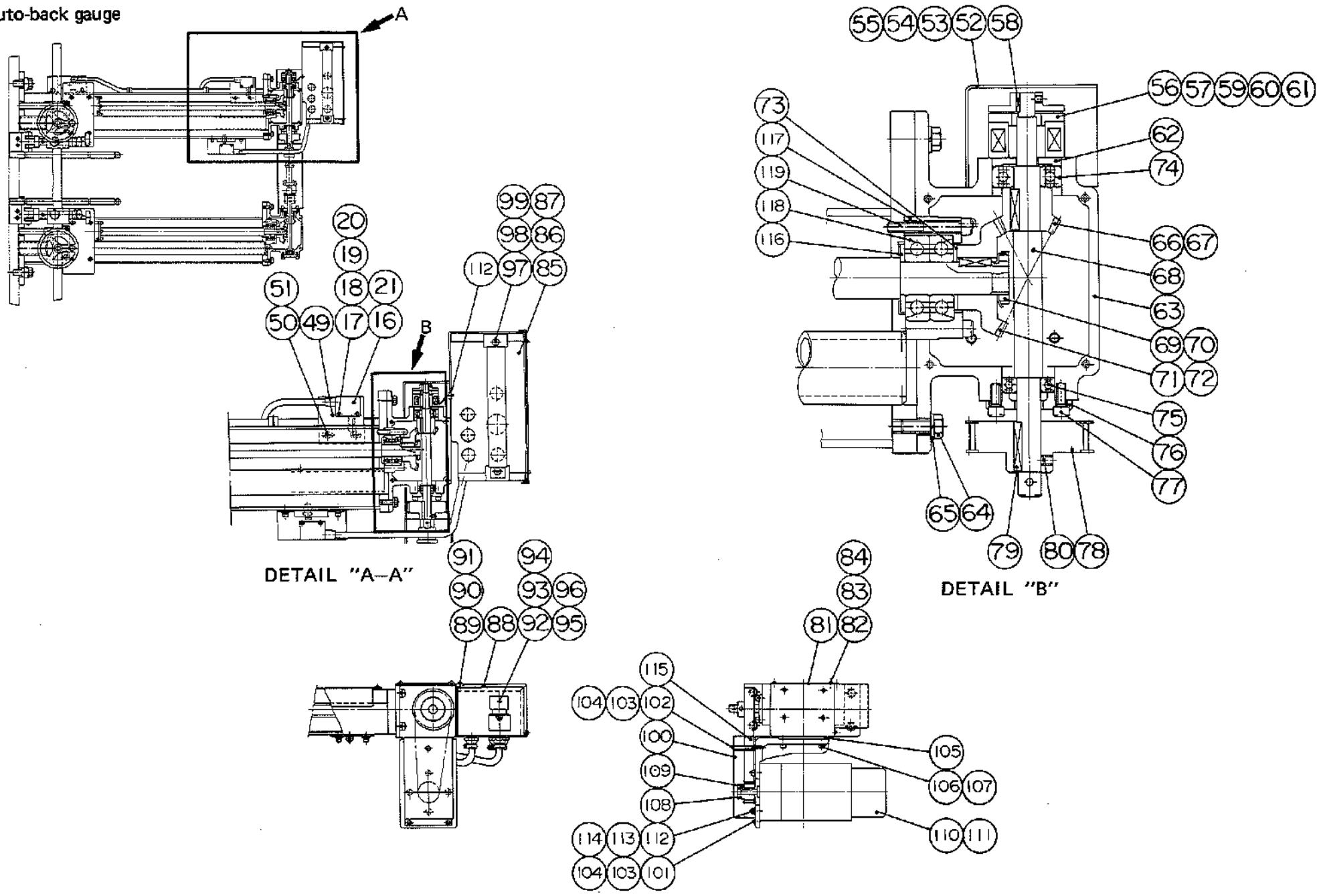


DETAIL "C–C"

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
9	36144120	Support frame (R)	4124914f	1	1	1	1	1	1	1	1	1	1	
10	36145131 (36106901)	Washer	51.45037.0	2	2	2	2	2	2	2	2	2	2	
11	36147030 (36106815)	Bolt	M20 x 50	2	2	2	2	2	2	2	2	2	2	
12	36145101	L.S. setting plate	4134232a	3	3	3	3	3	3	3	3	3	3	
13	36147103 (74302812)	Cap screw	M6 x 10	6	6	6	6	6	6	6	6	6	6	
14	36147608 (36323020)	Spring washer	M6 type-2	6	6	6	6	6	6	6	6	6	6	
15	36147706	Washer	M6 polish	6	6	6	6	6	6	6	6	6	6	
16	36145408 (36180620)	Limit switch	SL1-A	3	3	3	3	3	3	3	3	3	3	
17	36147316	Pan head machine screw	M4 x 45	6	6	6	6	6	6	6	6	6	6	
18	36147603 (36181133)	Spring washer	M4 type-2	6	6	6	6	6	6	6	6	6	6	
19	36147702	Washer	M4 polish	6	6	6	6	6	6	6	6	6	6	
20	36147801 (36181134)	Nut	M4 type-2	6	6	6	6	6	6	6	6	6	6	
21	36144910	Spacer	4134417	3	3	3	3	3	3	3	3	3	3	
22	36145914	Oilless metal bushing	SOB-20 x 20	1	1	1	1	1	1	1	1	1	1	
23	36147501 (10555821)	Set screw	M3 x 6	1	1	1	1	1	1	1	1	1	1	
24	36144129	Cover	4124920a	1	1	1	1	1	1	1	1	1	1	
25	36147302 (74306414)	Pan head machine screw	M4 x 8	4	4	4	4	4	4	4	4	4	4	
26	36147603 (36181133)	Spring washer	M4 type-2	4	4	4	4	4	4	4	4	4	4	
27	36147702	Washer	M4 polish	4	4	4	4	4	4	4	4	4	4	
28	36145225	Ball screw	7937016b	1	1	1	1	1	1	1	1	1	1	
29	36145807	Seal cap	S02502 round type	1	1	1	1	1	1	1	1	1	1	
30	36145801	Brush wiper	W02501	2	2	2	2	2	2	2	2	2	2	
31	36144523	Brush support	4124949	1	1	1	1	1	1	1	1	1	1	
32	36147109 (74304904)	Cap screw	M6 x 30	3	3	3	3	3	3	3	3	3	3	
33	36144301	Guide bar	4124921	1	1	1	1	1	1	1	1	1	1	
34	36147510	Set screw (cup end)	M8 x 15	1	1	1	1	1	1	1	1	1	1	
35	36145915	Oilless metal bushing	SOB-45 x 30	2	2	2	2	2	2	2	2	2	2	
36	36147503	Set screw	M5 x 10	2	2	2	2	2	2	2	2	2	2	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
37	36144307 (36002759)	Arm	4124922a	1	1	1	1	1	1	1	1	1	1	
38	36147119 (74302818)	Cap screw	M8 x 30	2	2	2	2	2	2	2	2	2	2	
39	36147610	Spring washer	M8 type-2	2	2	2	2	2	2	2	2	2	2	
40	36147708	Washer	M8 polish	2	2	2	2	2	2	2	2	2	2	
41	36147929	Straight pin	$\phi 8_{h7} \times 15^{\ell}$	1	1	1	1	1	1	1	1	1	1	
42	36144313	Saddle	4124923	1	1	1	1	1	1	1	1	1	1	
43	36144321	Bracket (A)	4124924a	1	1	1	1	1	1	1	1	1	1	
44	36144322	Bracket (B)	4124925a	1	1	1	1	1	1	1	1	1	1	
45	36147106	Cap screw	M6 x 15	10	10	10	10	10	10	10	10	10	10	
46	36147608 (36323020)	Spring washer	M6 type-2	6	6	6	6	6	6	6	6	6	6	
47	36147905 (10564018)	Spring pin	$\phi 5 \times 20$	2	2	2	2	2	2	2	2	2	2	
48	36144401	Carriage	4124926b	1	1	1	1	1	1	1	1	1	1	

Unit No. 28
Auto-back gauge

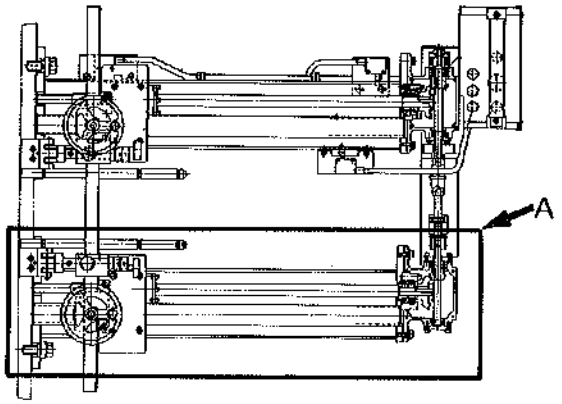


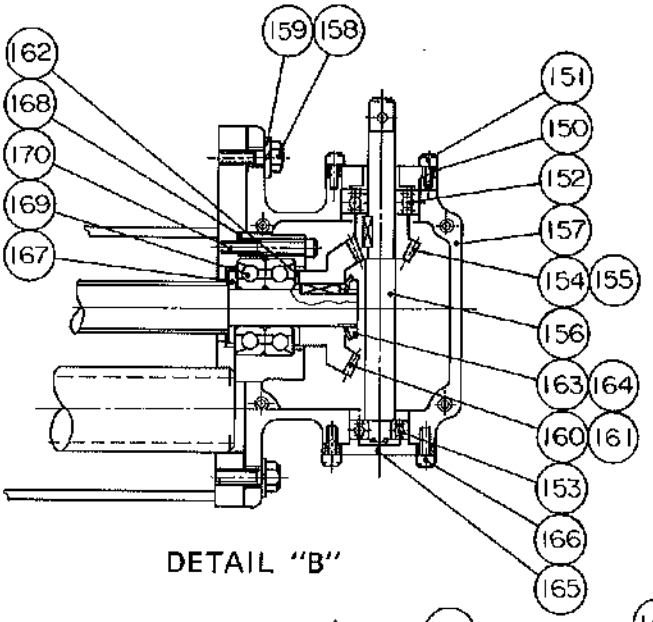
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
49	36145107	L.S. cover	4134233	3	3	3	3	3	3	3	3	3	3	
50	36147308 (58250511)	Pan head machine screw	M5 x 8	6	6	6	6	6	6	6	6	6	6	
51	36147606 (36329924)	Spring washer	M5 type-2	6	6	6	6	6	6	6	6	6	6	
52	36144917	Brake cover	4126643	1	1	1	1	1	1	1	1	1	1	
53	36147302 (74306414)	Pan head machine screw	M4 x 8	2	2	2	2	2	2	2	2	2	2	
54	36147603 (36181133)	Spring washer	M4 type-2	2	2	2	2	2	2	2	2	2	2	
55	36147702	Washer	M4 polish	2	2	2	2	2	2	2	2	2	2	
56	36145207	Electro-magnetic brake	7935029	1	1	1	1	1	1	1	1	1	1	
57	36145732	Bushing	MCP-5	1	1	1	1	1	1	1	1	1	1	
58	36145719	Key	2.5 x 2.5 x 12	1	1	1	1	1	1	1	1	1	1	
59	36147302 (74306414)	Pan head machine screw	M4 x 8	4	4	4	4	4	4	4	4	4	4	
60	36147603 (36181133)	Spring washer	M4 type-2	4	4	4	4	4	4	4	4	4	4	
61	36147702	Washer	M4 polish	4	4	4	4	4	4	4	4	4	4	
62	36144407	Collar	4124928	1	1	1	1	1	1	1	1	1	1	
63	36144415	Gear case (R)	4124930a	1	1	1	1	1	1	1	1	1	1	
64	36147006 (37014514)	Bolt	M8 x 20	4	4	4	4	4	4	4	4	4	4	
65	36147610	Spring washer	M8 type-2	4	4	4	4	4	4	4	4	4	4	
66	36144423	Bevel gear	4124931a	1	1	1	1	1	1	1	1	1	1	
67	36145722	Key	5 x 5 x 25 double round end	1	1	1	1	1	1	1	1	1	1	
68	36144431	Shaft	4124932a	1	1	1	1	1	1	1	1	1	1	
69	36145923 (44554105)	Crown washer	AW-04	1	1	1	1	1	1	1	1	1	1	
70	36145922 (58135316)	Crown nut	AN-04	1	1	1	1	1	1	1	1	1	1	
71	36144424	Bevel gear	4124933b	1	1	1	1	1	1	1	1	1	1	
72	36145721	Key	5 x 5 x 20 double round end	1	1	1	1	1	1	1	1	1	1	
73	36144909	Spacer	4125547	1	1	1	1	1	1	1	1	1	1	
74	36145703 (73158333)	Ball bearing	#6302ZZ	1	1	1	1	1	1	1	1	1	1	
75	36145701 (10317503)	Ball bearing	#6002ZZ	1	1	1	1	1	1	1	1	1	1	
76	36144501	Flange	4124934	1	1	1	1	1	1	1	1	1	1	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
77	36147106 (74300604)	Cap screw	M6 x 15	4	4	4	4	4	4	4	4	4	4	
78	36144509	Pulley	4124935	1	1	1	1	1	1	1	1	1	1	
79	36145723	Key	5 x 5 x 30 double round end	1	1	1	1	1	1	1	1	1	1	
80	36147504 (74305504)	Set screw	M6 x 6	1	1	1	1	1	1	1	1	1	1	
81	36144130	Cover	4124936	1	1	1	1	1	1	1	1	1	1	
82	36147302 (74306414)	Pan head machine screw	M4 x 8	4	4	4	4	4	4	4	4	4	4	
83	36147603 (36181133)	Spring washer	M4 type-2	4	4	4	4	4	4	4	4	4	4	
84	36147702	Washer	M4 polish	4	4	4	4	4	4	4	4	4	4	
85	36145034	Terminal box	4130347a	1	1	1	1	1	1	1	1	1	1	
86	36147106 (74300604)	Cap screw	M6 x 15	4	4	4	4	4	4	4	4	4	4	
87	36147608 (36323020)	Spring washer	M6 type-2	4	4	4	4	4	4	4	4	4	4	
88	36144132	Cover	4124947b	1	1	1	1	1	1	1	1	1	1	
89	36147302 (74306414)	Pan head machine screw	M4 x 8	4	4	4	4	4	4	4	4	4	4	
90	36147603 (36181133)	Spring washer	M4 type-2	4	4	4	4	4	4	4	4	4	4	
91	36147702	Washer	M4 polish	4	4	4	4	4	4	4	4	4	4	
92	36145825	Rail	BNP-253.5ℓ	1	1	1	1	1	1	1	1	1	1	
93	36145501	Terminal block	BN-15M	22	22	22	22	22	22	22	22	22	22	
94	36145813	End plate	BNE-15	1	1	1	1	1	1	1	1	1	1	
95	36145831	Retainer	BNL-3	2	2	2	2	2	2	2	2	2	2	
96	36145509	Terminal cover	BNC22 x 180ℓ	1	1	1	1	1	1	1	1	1	1	
97	36147315	Pan head machine screw	M6 x 15	2	2	2	2	2	2	2	2	2	2	
98	36147608 (36323020)	Spring washer	M6 type-2	2	2	2	2	2	2	2	2	2	2	
99	36147706	Washer	M6 polish	2	2	2	2	2	2	2	2	2	2	
100	36144133	Cover	4124948	1	1	1	1	1	1	1	1	1	1	
101	36147302 (74306414)	Pan head machine screw	M4 x 8	2	2	2	2	2	2	2	2	2	2	
102	36147305	Pan head machine screw	M4 x 50	1	1	1	1	1	1	1	1	1	1	
103	36147603 (36181133)	Spring washer	M4 type-2	3	3	3	3	3	3	3	3	3	3	
104	36147702	Washer	M4 polish	3	3	3	3	3	3	3	3	3	3	

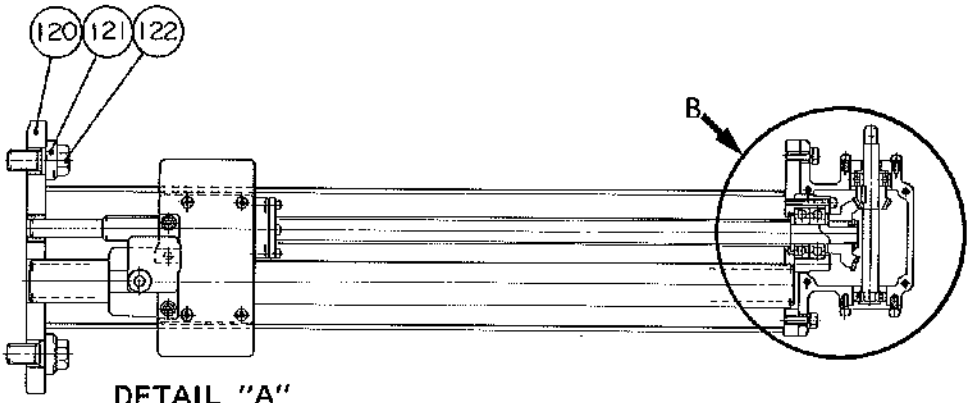
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
105	36145113	Motor bracket	4134251	1	1	1	1	1	1	1	1	1	1	
106	36147108 (74302815)	Cap screw	M6 x 20	4	4	4	4	4	4	4	4	4	4	
107	36147608 (36323020)	Spring washer	M6 type-2	4	4	4	4	4	4	4	4	4	4	
108	36144510	Pulley	4124938	1	1	1	1	1	1	1	1	1	1	
109	36147502	Set screw	M4 x 4	2	2	2	2	2	2	2	2	2	2	
110	36145213	Motor	7935070	1	1	1	1	1	1	1	1	1	1	
111	36145720	Key	4 x 4 x 20 single round end	1	1	1	1	1	1	1	1	1	1	
112	36147108 (74302815)	Cap screw	M6 x 20	4	4	4	4	4	4	4	4	4	4	
113	36147608 (36323020)	Spring washer	M6 type-2	4	4	4	4	4	4	4	4	4	4	
114	36147705 (44027930)	Washer	M6	4	4	4	4	4	4	4	4	4	4	
115	36145901	Timing belt	187L050	1	1	1	1	1	1	1	1	1	1	
116	36144408	Collar	4124939	1	1	1	1	1	1	1	1	1	1	
117	36144517	Bearing case	4124940a	1	1	1	1	1	1	1	1	1	1	
118	36145704	Ball bearing	7304CDB-GNP4	1	1	1	1	1	1	1	1	1	1	
119	36147111 (10310362)	Cap screw	M6 x 45	4	4	4	4	4	4	4	4	4	4	

Unit No. 28
Auto-back gauge

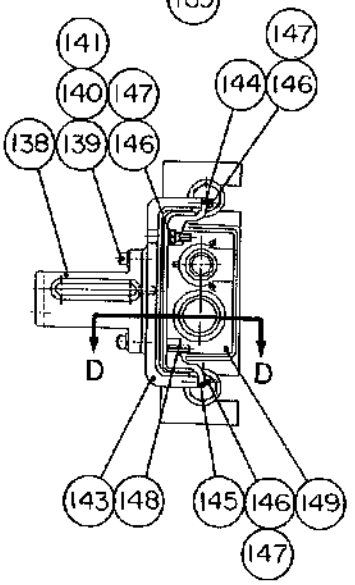


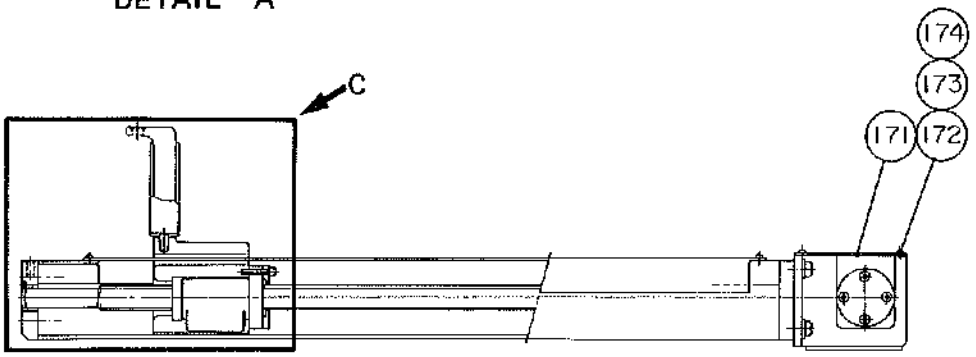


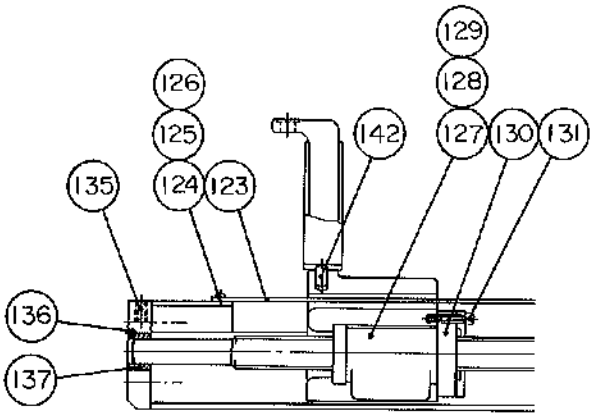
DETAIL "B"



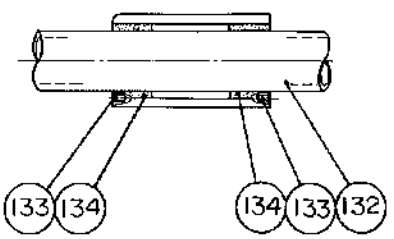
DETAIL "A"







DETAIL "C"

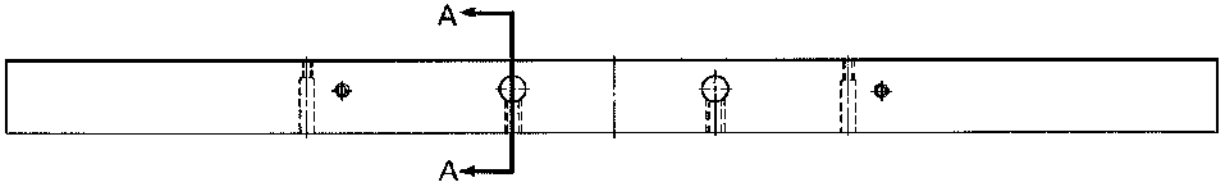


DETAIL "D"

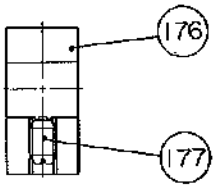
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
120	36144121	Support frame (L)	4124951	1	1	1	1	1	1	1	1	1	1	
121	36145131 (36106901)	Washer	51.45037.0	2	2	2	2	2	2	2	2	2	2	
122	36147030 (36106815)	Bolt	M20 x 50	2	2	2	2	2	2	2	2	2	2	
123	36144128	Cover	4124920	1	1	1	1	1	1	1	1	1	1	
124	36147302 (74306414)	Pan head machine screw	M4 x 8	4	4	4	4	4	4	4	4	4	4	
125	36147602 (44027327)	Spring washer	M4	4	4	4	4	4	4	4	4	4	4	
126	36147701 (74300510)	Washer	M4	4	4	4	4	4	4	4	4	4	4	
127	36145225	Ball screw	7937016b	1	1	1	1	1	1	1	1	1	1	
128	36145807	Seal cap	S02502 round type	1	1	1	1	1	1	1	1	1	1	
129	36145801	Brush wiper	W02501	2	2	2	2	2	2	2	2	2	2	
130	36144523	Brush support	4124949	1	1	1	1	1	1	1	1	1	1	
131	36147109 (74304904)	Cap screw	M6 x 30	3	3	3	3	3	3	3	3	3	3	
132	36144301	Guide bar	4124921	1	1	1	1	1	1	1	1	1	1	
133	36147503	Set screw	M5 x 10	2	2	2	2	2	2	2	2	2	2	
134	36145915	Oilless metal bushing	SOB-45 x 30	2	2	2	2	2	2	2	2	2	2	
135	36147510	Set screw (cup end)	M8 x 15	1	1	1	1	1	1	1	1	1	1	
136	36147501 (10555821)	Set screw	M3 x 6	1	1	1	1	1	1	1	1	1	1	
137	36145914	Oilless metal bushing	SOB-20 x 20	1	1	1	1	1	1	1	1	1	1	
138	36144307 (36002759)	Arm	4124922a	1	1	1	1	1	1	1	1	1	1	
139	36147119 (74302818)	Cap screw	M8 x 30	2	2	2	2	2	2	2	2	2	2	
140	36147708	Washer	M8 polish	2	2	2	2	2	2	2	2	2	2	
141	36147609 (10001521)	Spring washer	M8	2	2	2	2	2	2	2	2	2	2	
142	36147929	Straight pin	ϕ_{8h7} x 15ℓ	1	1	1	1	1	1	1	1	1	1	
143	36144313	Saddle	4124923	1	1	1	1	1	1	1	1	1	1	
144	36144321	Bracket (A)	4124924a	1	1	1	1	1	1	1	1	1	1	
145	36144322	Bracket (B)	4124925a	1	1	1	1	1	1	1	1	1	1	
146	36147106 (74300604)	Cap screw	M6 x 15	10	10	10	10	10	10	10	10	10	10	
147	36147607 (44027928)	Spring washer	M6	6	6	6	6	6	6	6	6	6	6	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
148	36147905 (10564018)	Spring pin	ϕ5 x 20	2	2	2	2	2	2	2	2	2	2	
149	36144401	Carriage	4124926b	1	1	1	1	1	1	1	1	1	1	
150	36144502	Flange	4124954	1	1	1	1	1	1	1	1	1	1	
151	36147106 (74300604)	Cap screw	M6 x 15	4	4	4	4	4	4	4	4	4	4	
152	36145703 (73158333)	Ball bearing	#6302ZZ	1	1	1	1	1	1	1	1	1	1	
153	36145702 (10312824)	Ball bearing	#6201ZZ	1	1	1	1	1	1	1	1	1	1	
154	36144423	Bevel gear	4124931a	1	1	1	1	1	1	1	1	1	1	
155	36145722	Key	5 x 5 x 25 double round end	1	1	1	1	1	1	1	1	1	1	
156	36144432	Shaft	4124955a	1	1	1	1	1	1	1	1	1	1	
157	36144416	Gear case (L)	4124953a	1	1	1	1	1	1	1	1	1	1	
158	36147006 (37014514)	Bolt	M8 x 20	4	4	4	4	4	4	4	4	4	4	
159	36147609 (10001521)	Spring washer	M8	4	4	4	4	4	4	4	4	4	4	
160	36144424	Bevel gear	4124933b	1	1	1	1	1	1	1	1	1	1	
161	36145721	Key	5 x 5 x 20 double round end	1	1	1	1	1	1	1	1	1	1	
162	36144909	Spacer	4125547	1	1	1	1	1	1	1	1	1	1	
163	36145922 (58135316)	Crown nut	AN-04	1	1	1	1	1	1	1	1	1	1	
164	36145923 (44554105)	Crown washer	AW-04	1	1	1	1	1	1	1	1	1	1	
165	36144529	Cap	4124956	1	1	1	1	1	1	1	1	1	1	
166	36147106 (74300604)	Cap screw	M6 x 15	4	4	4	4	4	4	4	4	4	4	
167	36144408	Collar	4124939	1	1	1	1	1	1	1	1	1	1	
168	36144517	Bearing case	4124940a	1	1	1	1	1	1	1	1	1	1	
169	36145704	Ball bearing	7304CDB-GNP4	1	1	1	1	1	1	1	1	1	1	
170	36147111 (10310362)	Cap screw	M6 x 45	4	4	4	4	4	4	4	4	4	4	
171	36144131	Cover	4124947a	1	1	1	1	1	1	1	1	1	1	
172	36147302 (74306414)	Pan head machine screw	M4 x 8	4	4	4	4	4	4	4	4	4	4	
173	36147602 (44027327)	Spring washer	M4	4	4	4	4	4	4	4	4	4	4	
174	36147701 (74300510)	Washer	M4	4	4	4	4	4	4	4	4	4	4	

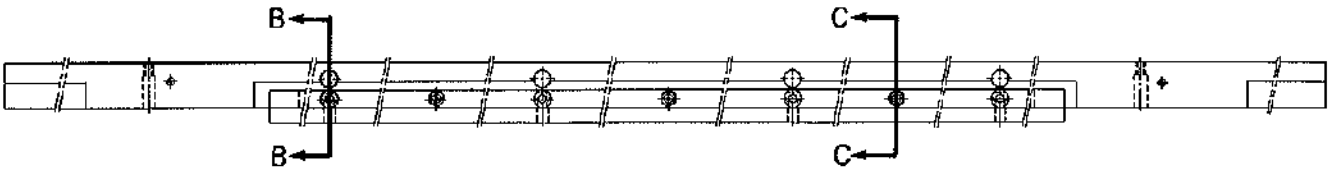
Unit No. 28
Auto-back gauge



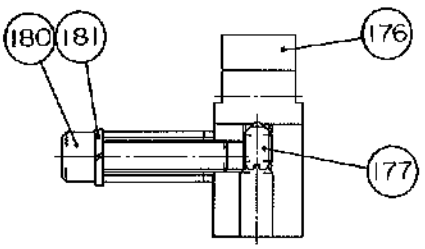
RG-25, 35S, 50S



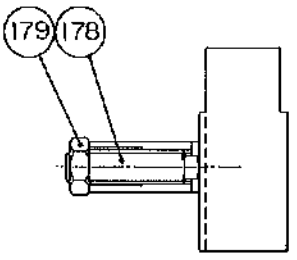
SECTION "A–A"



RG-50, 80S, 80, 100S, 100, 100L, 125



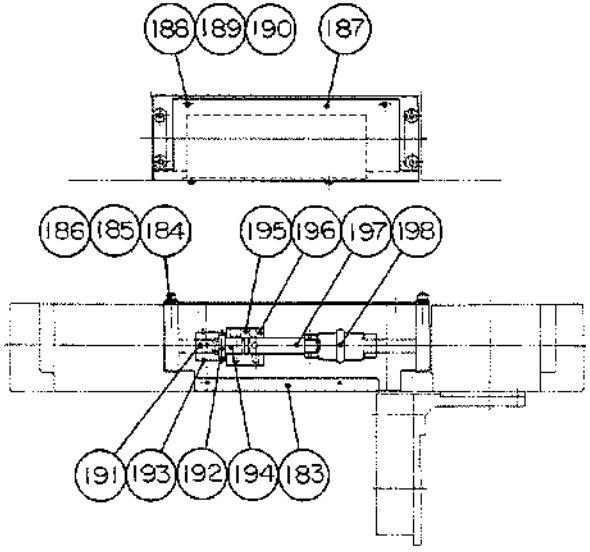
SECTION "B–B"



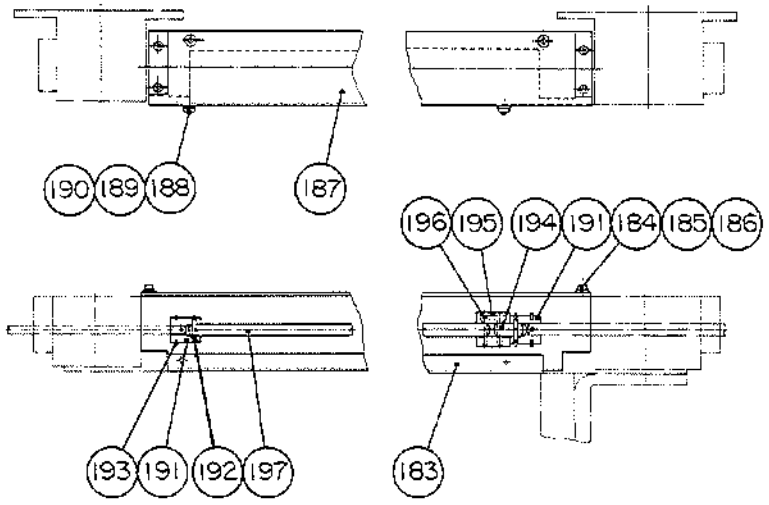
SECTION "C–C"

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
175	36144601	Straightedge ass'y	4124960	1	1	1	–	–	–	–	–	–	–	
175	36144602	Straightedge ass'y	4124961a	–	–	–	1	1	–	–	–	–	–	
175	36144603	Straightedge ass'y	4124962a	–	–	–	–	–	1	1	–	–	–	
175	36144604	Straightedge ass'y	4124963a	–	–	–	–	–	–	–	1	–	1	
175	36144605	Straightedge ass'y	4124964a	–	–	–	–	–	–	–	–	1	–	
176	36144621	Straightedge	4124965a	1	1	1	–	–	–	–	–	–	–	
176	36144622	Straightedge	4124966b	–	–	–	1	1	–	–	–	–	–	
176	36144623	Straightedge	4124967b	–	–	–	–	–	1	1	–	–	–	
176	36144624	Straightedge	4124968b	–	–	–	–	–	–	–	1	–	1	
176	36144625	Straightedge	4124969b	–	–	–	–	–	–	–	–	1	–	
177	36145714	Ball plunger	BP-10-L	2	2	2	2	2	2	2	2	4	2	
178	36147518	Set screw (dog end)	M12 x 50	–	–	–	3	3	3	3	3	3	3	
179	36147813	Nut	M12 type-3	–	–	–	3	3	3	3	3	3	3	
180	36147144 (74301633)	Cap screw	M12 x 50	–	–	–	–	–	–	–	–	4	–	
181	36147614	Spring washer	M12 type-2	–	–	–	–	–	–	–	–	4	–	

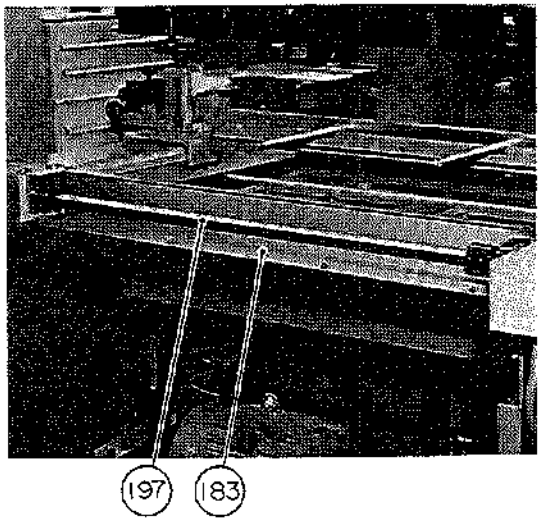
Unit No. 28
Auto-back gauge

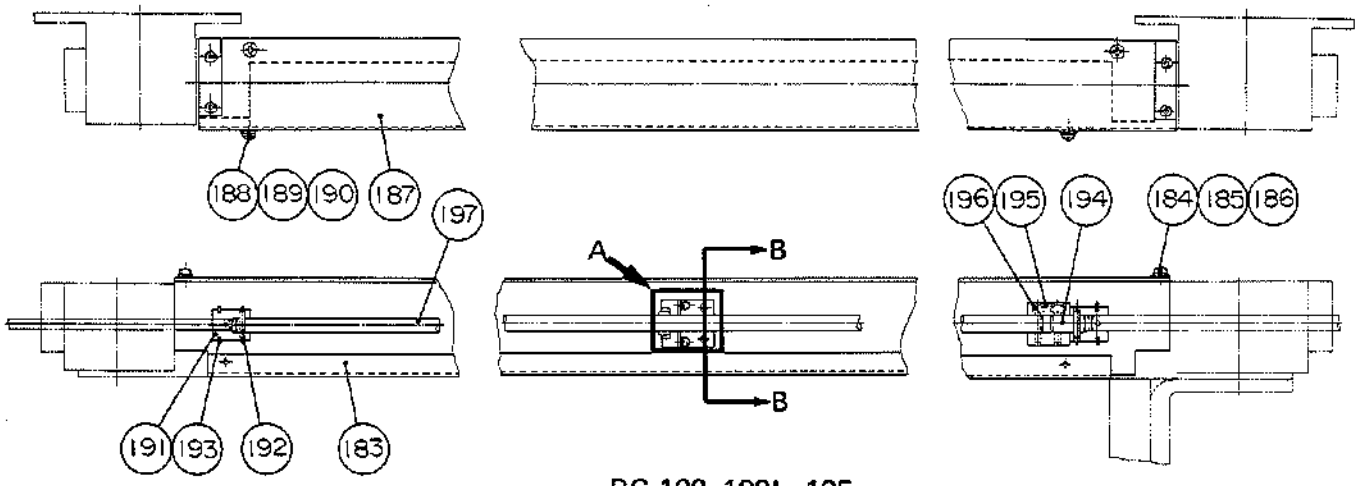


RG-25S, 35S, 50S

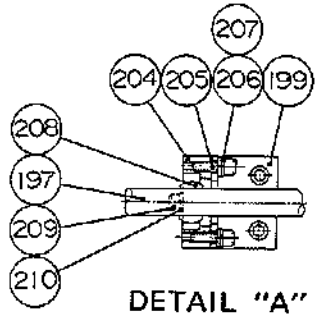


RG-50, 80S, 80, 100S

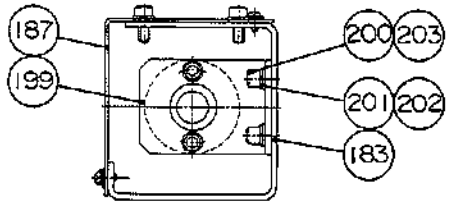




RG-100, 100L, 125



DETAIL "A"

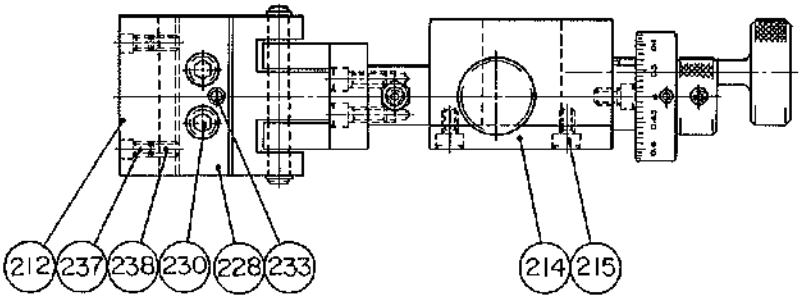


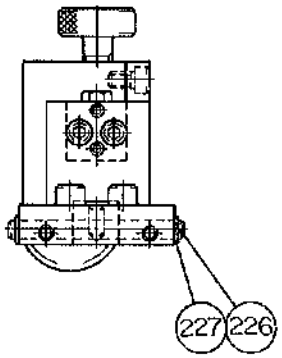
SECTION "B–B"

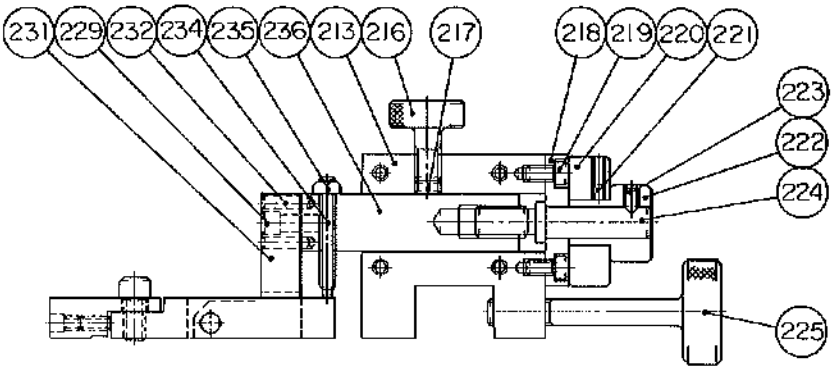
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
182	36144701	No. 2 shaft ass'y	4124970b	1	1	1	–	–	–	–	–	–	–	
182	36144702	No. 2 shaft ass'y	4124971b	–	–	–	1	1	–	–	–	–	–	
182	36144703	No. 2 shaft ass'y	4124972b	–	–	–	–	–	1	1	–	–	–	
182	36144704	No. 2 shaft ass'y	4124973b	–	–	–	–	–	–	–	1	–	1	
182	36144705	No. 2 shaft ass'y	4124974b	–	–	–	–	–	–	–	–	1	–	
183	36144201	Cover (A)	4124975a	1	1	1	–	–	–	–	–	–	–	
183	36144202	Cover (A)	4124976a	–	–	–	1	1	–	–	–	–	–	
183	36144203	Cover (A)	4124977b	–	–	–	–	–	1	1	–	–	–	
183	36144204	Cover (A)	4124978a	–	–	–	–	–	–	–	1	–	1	
183	36144205	Cover (A)	4124979a	–	–	–	–	–	–	–	–	1	–	
184	36147104 (74302813)	Cap screw	M6 x 12	4	4	4	4	4	4	4	4	4	4	
185	36147608 (36323020)	Spring washer	M6 type-2	4	4	4	4	4	4	4	4	4	4	
186	36147705 (44027930)	Washer	M6	4	4	4	4	4	4	4	4	4	4	
187	36144221	Cover (B)	4124980	1	1	1	–	–	–	–	–	–	–	
187	36144222	Cover (B)	4124981	–	–	–	1	1	–	–	–	–	–	
187	36144223	Cover (B)	4124982	–	–	–	–	–	1	1	–	–	–	
187	36144224	Cover (B)	4124983	–	–	–	–	–	–	–	1	–	1	
187	36144225	Cover (B)	4124984	–	–	–	–	–	–	–	–	1	–	
188	36147302 (74306414)	Pan head machine screw	M4 x 8	4	4	4	6	6	8	8	10	12	10	
189	36147603 (36181133)	Spring washer	M4 type-2	4	4	4	6	6	8	8	10	12	10	
190	36147702	Washer	M4 polish	4	4	4	6	6	8	8	10	12	10	
191	36144831	Connector	4125388	1	1	1	2	2	2	2	2	2	2	
192	36147928	Straight pin	$\phi 5_{m6} \times 25^{\ell}$ type-A	2	2	2	4	4	4	4	4	4	4	
193	36147733 (10423731)	Snap ring	STW-30	2	2	2	4	4	4	4	4	4	4	
194	36144901	Pin	4125389	1	1	1	1	1	1	1	1	1	1	
195	36144721	Coupling	4124987	1	1	1	1	1	1	1	1	1	1	
196	36147108 (74302815)	Cap screw	M6 x 20	4	4	4	4	4	4	4	4	4	4	
197	36144433	Shaft	4124988a	1	1	1	–	–	–	–	–	–	–	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
197	36144434	Shaft	4124989a	–	–	–	1	1	–	–	–	–	–	
197	36144435	Shaft	4124990a	–	–	–	–	–	1	1	–	–	–	
197	36144436	Shaft	4124991a	–	–	–	–	–	–	–	1	–	1	
197	36144437	Shaft	4124992a	–	–	–	–	–	–	–	–	1	–	
198	36145819	Joint	TBJ14DB	1	1	1	–	–	–	–	–	–	–	
199	36144319	Bracket	4124993	–	–	–	–	–	–	–	1	1	1	
200	36147105 (74302814)	Cap screw	M6 x 14	–	–	–	–	–	–	–	2	2	2	
201	36147608 (36323020)	Spring washer	M6 type-2	–	–	–	–	–	–	–	2	2	2	
202	36147706	Washer	M6 polish	–	–	–	–	–	–	–	2	2	2	
203	36147804 (36322524)	Nut	M6 type-2	–	–	–	–	–	–	–	2	2	2	
204	36144727	Guide	4124994	–	–	–	–	–	–	–	1	1	1	
205	36147105 (74302814)	Cap screw	M6 x 14	–	–	–	–	–	–	–	2	2	2	
206	36147608 (36323020)	Spring washer	M6 type-2	–	–	–	–	–	–	–	2	2	2	
207	36147706	Washer	M6 polish	–	–	–	–	–	–	–	2	2	2	
208	36145907	Spherical support	SAR1-17	–	–	–	–	–	–	–	1	1	1	
209	36147105 (74302814)	Cap screw	M6 x 14	–	–	–	–	–	–	–	2	2	2	
210	36147706	Washer	M6 polish	–	–	–	–	–	–	–	2	2	2	

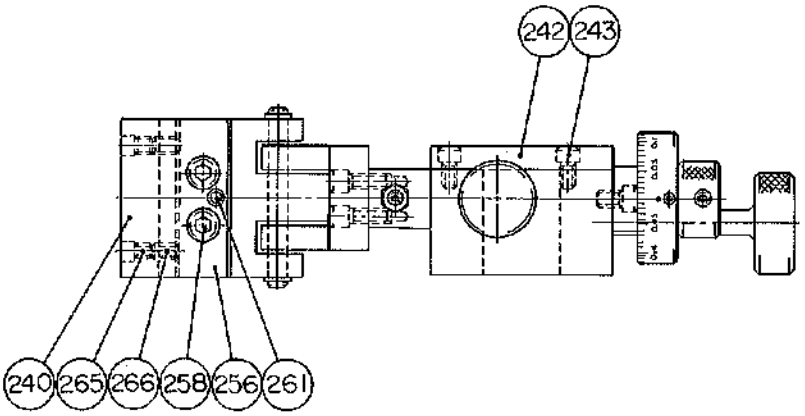
Unit No. 28
Auto-back gauge

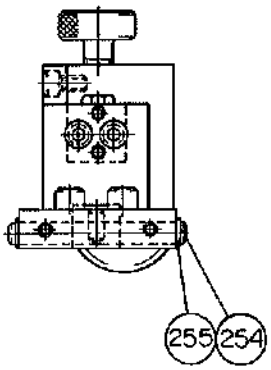


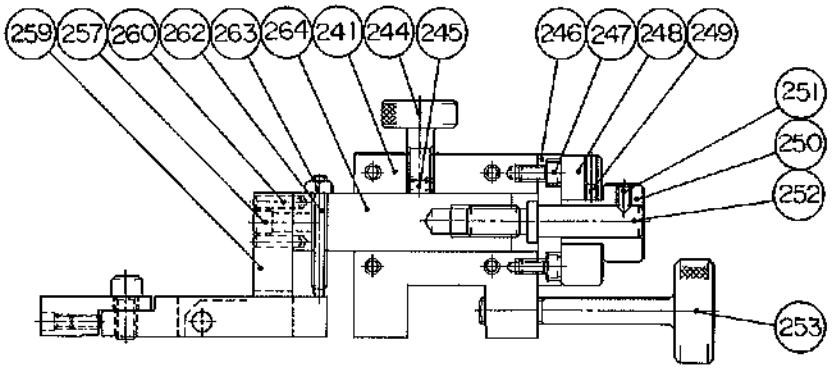




RIGHT STOPPER







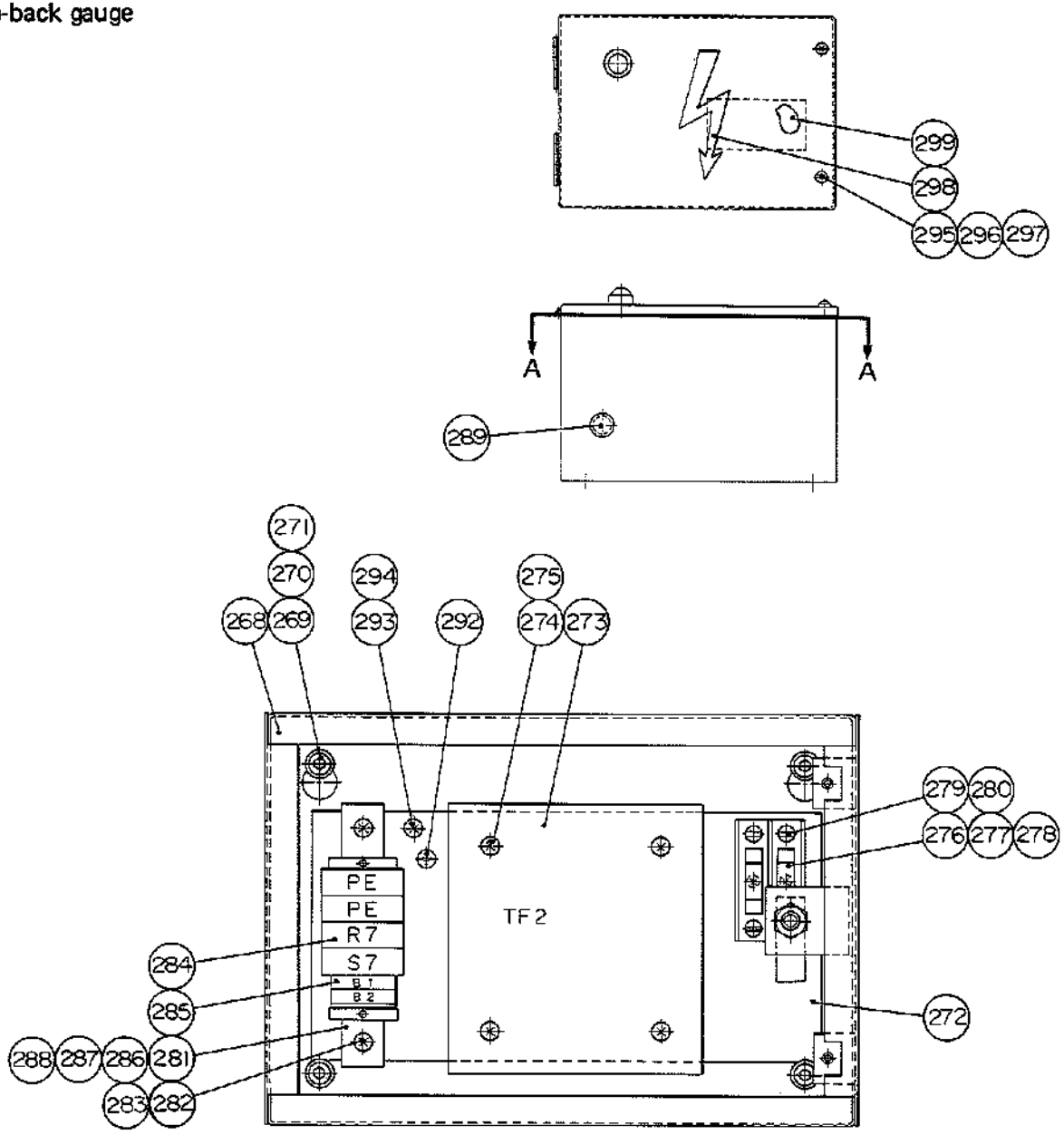
LEFT STOPPER

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
211	36144923	Work stopper (R) ass'y	4127430c	1	1	1	1	1	1	–	–	–	–	
211	36144924	Work stopper (R) ass'y	4127431c	–	–	–	–	–	–	1	1	1	1	
212	36145013	Stopper	4128009	1	1	1	1	1	1	–	–	–	–	
212	36145014	Stopper	4128010	–	–	–	–	–	–	1	1	1	1	
213	36144733	Support (R)	4125080c	1	1	1	1	1	1	1	1	1	1	
214	36144801	Plate	4125081a	1	1	1	1	1	1	1	1	1	1	
215	36147103 (74302812)	Cap screw	M6 x 10	2	2	2	2	2	2	2	2	2	2	
216	36144024	Screw	4125082	1	1	1	1	1	1	1	1	1	1	
217	36144817	Piece	4125083	1	1	1	1	1	1	1	1	1	1	
218	36144804	Plate	4501058	1	1	1	1	1	1	1	1	1	1	
219	36147103 (74302812)	Cap screw	M6 x 10	2	2	2	2	2	2	2	2	2	2	
220	36145125	Dial	4501057	1	1	1	1	1	1	1	1	1	1	
221	36147513	Set screw (dog end)	M5 x 6	1	1	1	1	1	1	1	1	1	1	
222	36144823	Knob	4125086	1	1	1	1	1	1	1	1	1	1	
223	36147505 (36323029)	Set screw (cone end)	M6 x 10	1	1	1	1	1	1	1	1	1	1	
224	36144025	Screw	4501056	1	1	1	1	1	1	1	1	1	1	
225	36144824	Knob	4125088a	1	1	1	1	1	1	1	1	1	1	
226	36144902	Pin	4128014	1	1	1	1	1	1	1	1	1	1	
227	36147729 (10314125)	Snap ring	STW-8	2	2	2	2	2	2	2	2	2	2	
228	36144802	Plate	4128013	1	1	1	1	1	1	1	1	1	1	
229	36147107	Cap screw	M6 x 16 UNBRAKO	2	2	2	2	2	2	2	2	2	2	
230	36147116	Cap screw	M8 x 16 UNBRAKO	2	2	2	2	2	2	2	2	2	2	
231	36145001	Angle	4127440	1	1	1	1	1	1	1	1	1	1	
232	36147905 (10564018)	Spring pin	ϕ5 x 20	2	2	2	2	2	2	2	2	2	2	
233	36147908	Spring pin	ϕ6 x 12	1	1	1	1	1	1	1	1	1	1	
234	36147515	Set screw (dog end)	M6 x 45	1	1	1	1	1	1	1	1	1	1	
235	36147803 (10310352)	Nut	M6 type-1	1	1	1	1	1	1	1	1	1	1	
236	36145007	Bar	4127441b	1	1	1	1	1	1	1	1	1	1	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
237	36147514	Set screw (dog end)	M6 x 6	2	2	2	2	2	2	2	2	2	2	
238	36147526	Set screw (knurl end)	M6 x 12 UNBRAKO	2	2	2	2	2	2	2	2	2	2	
239	36144933	Work stopper (L) ass'y	4127442c	1	1	1	1	1	1	–	–	–	–	
239	36144934	Work stopper (L) ass'y	4127443c	–	–	–	–	–	–	1	1	1	1	
240	36145013	Stopper	4128009	1	1	1	1	1	1	–	–	–	–	
240	36145014	Stopper	4128010	–	–	–	–	–	–	1	1	1	1	
241	36144734	Support (L)	4125089c	1	1	1	1	1	1	1	1	1	1	
242	36144801	Plate	4125081a	1	1	1	1	1	1	1	1	1	1	
243	36147103 (74302812)	Cap screw	M6 x 10	2	2	2	2	2	2	2	2	2	2	
244	36144024	Screw	4125082	1	1	1	1	1	1	1	1	1	1	
245	36144817	Piece	4125083	1	1	1	1	1	1	1	1	1	1	
246	36144804	Plate	4501058	1	1	1	1	1	1	1	1	1	1	
247	36147103 (74302812)	Cap screw	M6 x 10	2	2	2	2	2	2	2	2	2	2	
248	36145125	Dial	4501057	1	1	1	1	1	1	1	1	1	1	
249	36147513	Set screw (dog end)	M5 x 6	1	1	1	1	1	1	1	1	1	1	
250	36144823	Knob	4125086	1	1	1	1	1	1	1	1	1	1	
251	36147505 (36323029)	Set screw (cone end)	M6 x 10	1	1	1	1	1	1	1	1	1	1	
252	36144025	Screw	4501056	1	1	1	1	1	1	1	1	1	1	
253	36144824	Knob	4125088a	1	1	1	1	1	1	1	1	1	1	
254	36144902	Pin	4128014	1	1	1	1	1	1	1	1	1	1	
255	36147729 (10314125)	Snap ring	STW-8	2	2	2	2	2	2	2	2	2	2	
256	36144802	Plate	4128013	1	1	1	1	1	1	1	1	1	1	
257	36147107	Cap screw	M6 x 16 UNBRAKO	2	2	2	2	2	2	2	2	2	2	
258	36147116	Cap screw	M8 x 16 UNBRAKO	2	2	2	2	2	2	2	2	2	2	
259	36145001	Angle	4127440	1	1	1	1	1	1	1	1	1	1	
260	36147905 (10564018)	Spring pin	ϕ5 x 20	2	2	2	2	2	2	2	2	2	2	
261	36147908	Spring pin	ϕ6 x 12	1	1	1	1	1	1	1	1	1	1	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
262	36147515	Set screw (dog end)	M6 x 45	1	1	1	1	1	1	1	1	1	1	
263	36147803 (10310352)	Nut	M6 type-I	1	1	1	1	1	1	1	1	1	1	
264	36145007	Bar	4127441b	1	1	1	1	1	1	1	1	1	1	
265	36147514	Set screw (dog end)	M6 x 6	2	2	2	2	2	2	2	2	2	2	
266	36147526	Set screw (knurl end)	M6 x 12 UNBRAKO	2	2	2	2	2	2	2	2	2	2	

Unit No. 28
Auto-back gauge

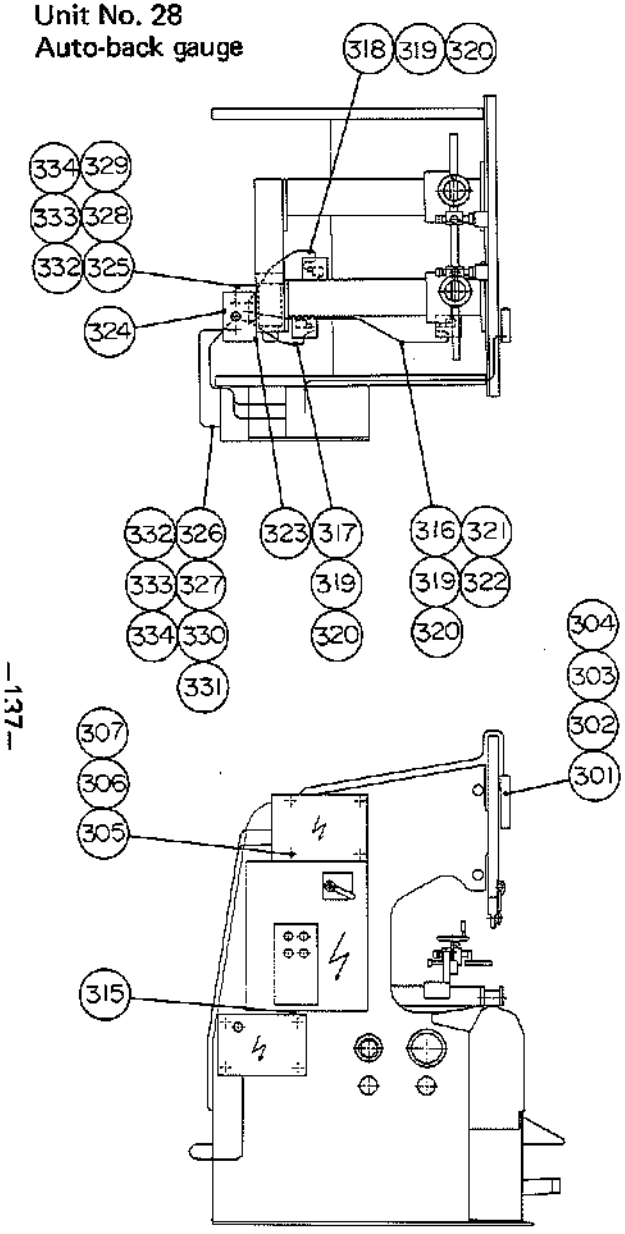


ARROW "A–A"

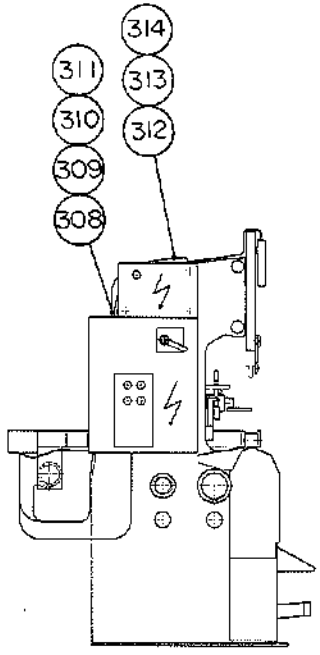
Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
267	36145021	Electrical box ass'y	4130346b	1	1	1	1	1	1	1	1	1	1	
268	36145028	Electrical box	4130372b	1	1	1	1	1	1	1	1	1	1	
269	36147113 (36329937)	Cap screw	M8 x 10	4	4	4	4	4	4	4	4	4	4	
270	36147609 (10001521)	Spring washer	M8	4	4	4	4	4	4	4	4	4	4	
271	36147707 (74300511)	Washer	M8	4	4	4	4	4	4	4	4	4	4	
272	36145119	Apparatus setting plate	4134269	1	1	1	1	1	1	1	1	1	1	
273	36145401	Transformer	TL-SA4M-75 (640VA)	1	1	1	1	1	1	1	1	1	1	
274	36147607 (44027928)	Spring washer	M6	4	4	4	4	4	4	4	4	4	4	
275	36147314	Pan head machine screw	M6 x 10	4	4	4	4	4	4	4	4	4	4	
276	36145428	Fuse (for 230V)	ATM6-A6Y-2 6A	2	2	2	2	2	2	2	2	2	2	
277	36145429	Fuse (for 460V)	ATM3-A6Y-2 3A	2	2	2	2	2	2	2	2	2	2	
278	36144001	Fuse holder	30322	1	1	1	1	1	1	1	1	1	1	
279	36147602 (44027327)	Spring washer	M4	2	2	2	2	2	2	2	2	2	2	
280	36147302 (74306414)	Pan head machine screw	M4 x 8	2	2	2	2	2	2	2	2	2	2	
281	36145824	Rail	BNP 154ℓ	1	1	1	1	1	1	1	1	1	1	
282	36147607 (44027928)	Spring washer	M6	2	2	2	2	2	2	2	2	2	2	
283	36147314	Pan head machine screw	M6 x 10	2	2	2	2	2	2	2	2	2	2	
284	36145502	Terminal block	BN-50	4	4	4	4	4	4	4	4	4	4	
285	36145501	Thermal block	BN-15M	2	2	2	2	2	2	2	2	2	2	
286	36145813	End plate	BNE-15	1	1	1	1	1	1	1	1	1	1	
287	36145831	Retainer	BNL-3	2	2	2	2	2	2	2	2	2	2	
288	36145510	Cover	BNC-32 80ℓ	1	1	1	1	1	1	1	1	1	1	
289	36145524	Grommet	SG-22A	1	1	1	1	1	1	1	1	1	1	
290	36145517	Pilot light (with ring)	AH22-ZMWH (AC200V)	1	1	1	1	1	1	1	1	1	1	
291	36145422	Noise killer	Z10L391	1	1	1	1	1	1	1	1	1	1	
292	36144010	Sticker (ground)	AS-K	1	1	1	1	1	1	1	1	1	1	
293	36147607 (44027928)	Spring washer	M6	1	1	1	1	1	1	1	1	1	1	
294	36147314	Pan head machine screw	M6 x 10	1	1	1	1	1	1	1	1	1	1	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
295	36144023 (36329401)	Screw	4095509	2	2	2	2	2	2	2	2	2	2	
296	36147707 (74300511)	Washer	M8	2	2	2	2	2	2	2	2	2	2	
297	36147807 (36329932)	Nut	M8 type-3	2	2	2	2	2	2	2	2	2	2	
298	36144007	Sticker (electric)	389793	1	1	1	1	1	1	1	1	1	1	
299	36144008	Sticker (fuse)	4134270	1	1	1	1	1	1	1	1	1	1	
300	36145409	Limit switch	BZ-2RQ1-T4-J	1	1	1	1	1	1	1	1	1	1	

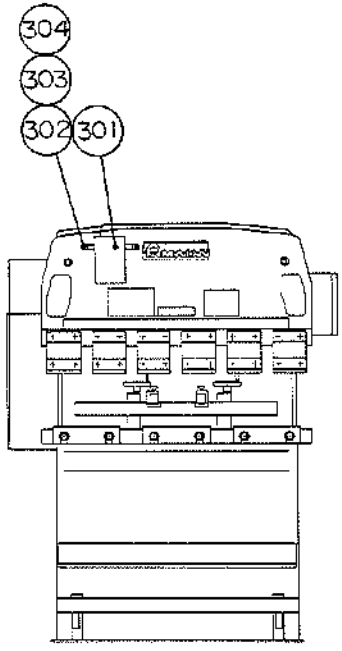
Unit No. 28
Auto-back gauge

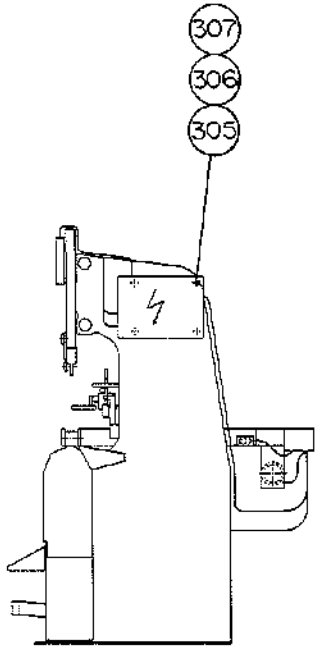


RG-50S, 50, 80S, 80,
100S, 100, 100L, 125



RG-25, 35S





Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
301	36145219	NC control panel	7935070	1	1	1	1	1	1	1	1	1	1	
302	36144320	Bracket	4129912	1	1	1	1	1	1	1	1	1	1	
303	36147103 (74302812)	Cap screw	M6 x 10	2	2	2	2	2	2	2	2	2	2	
304	36147608 (36323020)	Spring washer	M6 type-2	2	2	2	2	2	2	2	2	2	2	
305	36147118 (21415514)	Cap screw	M8 x 25	4	4	4	4	4	4	4	4	4	4	
306	36147610	Spring washer	M8 type-2	4	4	4	4	4	4	4	4	4	4	
307	36147708	Washer	M8 polish	4	4	4	4	4	4	4	4	4	4	
308	36144803	Plate	4134300	1	1	–	–	–	–	–	–	–	–	
309	36147705 (44027930)	Washer	M6	4	4	–	–	–	–	–	–	–	–	
310	36147607 (44027928)	Spring washer	M6	4	4	–	–	–	–	–	–	–	–	
311	36147313 (74303113)	Pan head machine screw	M6 x 8	4	4	–	–	–	–	–	–	–	–	
312	36145631	UL flexible tube (with ground)	UA-1/2" 600ℓ	1	1	–	–	–	–	–	–	–	–	
313	36145615	UL connector	5332-1/2	1	1	–	–	–	–	–	–	–	–	
314	36145616	UL connector	5352-1/2	1	1	–	–	–	–	–	–	–	–	
315	36145613	Connector	CSG-13	–	–	1	1	1	1	1	1	1	1	
316	36145640	UL flexible tube (with ground)	UA-3/8" 780ℓ	1	1	1	1	1	1	1	1	1	1	
317	36145638	UL flexible tube (with ground)	UA-3/8" 300ℓ	1	1	1	1	1	1	1	1	1	1	
318	36145639	UL flexible tube (with ground)	UA-3/8" 500ℓ	1	1	1	1	1	1	1	1	1	1	
319	36145618	UL connector (90°)	5351 (3/8")	6	6	6	6	6	6	6	6	6	6	
320	36145602	Cable	KIV 1.25 mm² x 4 m blue	1	1	1	1	1	1	1	1	1	1	
321	36145531	Single saddle	CH-9	2	2	2	2	2	2	2	2	2	2	
322	36147308 (58250511)	Pan head machine screw	M5 x 8	2	2	2	2	2	2	2	2	2	2	
323	36145523	Grommet	NG-79A	1	1	1	1	1	1	1	1	1	1	
324	36145416	Diode	1BZ-61	1	1	1	1	1	1	1	1	1	1	
325	36145632	UL flexible tube (with ground)	UA-3/8" 0.5 m	1	1	1	1	1	1	1	1	1	1	
326	36145631	UL flexible tube (with ground)	UA-1/2" 4 m	1	1	1	1	1	1	1	1	1	1	
327	36145615	UL connector	5332 (1/2")	2	2	2	2	2	2	2	2	2	2	
328	36145614	UL connector	5331 (3/8")	1	1	1	1	1	1	1	1	1	1	

Index No.	Parts No.	Parts Name	Drawing No. or Type	Q'ty										Note
				25	35S	50S	50	80S	80	100S	100	100L	125	
329	36145617	UL connector (45°)	5341 (3/8")	1	1	1	1	1	1	1	1	1	1	
330	36145532 (37117916)	Single saddle	CH-13	7	7	7	7	7	7	7	7	7	7	
331	36147308 (58250511)	Pan head machine screw	M5 x 8	7	7	7	7	7	7	7	7	7	7	
332	36145601	Cable	KIV 1.25 mm^2 x 4.5 m black	2	2	2	2	2	2	2	2	2	2	
333	36145603	Cable	KIV 1.25 mm^2 x 4.5 m green	1	1	1	1	1	1	1	1	1	1	
334	36145602	Cable	KIV 1.25 mm^2 x 4.5 m blue	1	1	1	1	1	1	1	1	1	1	