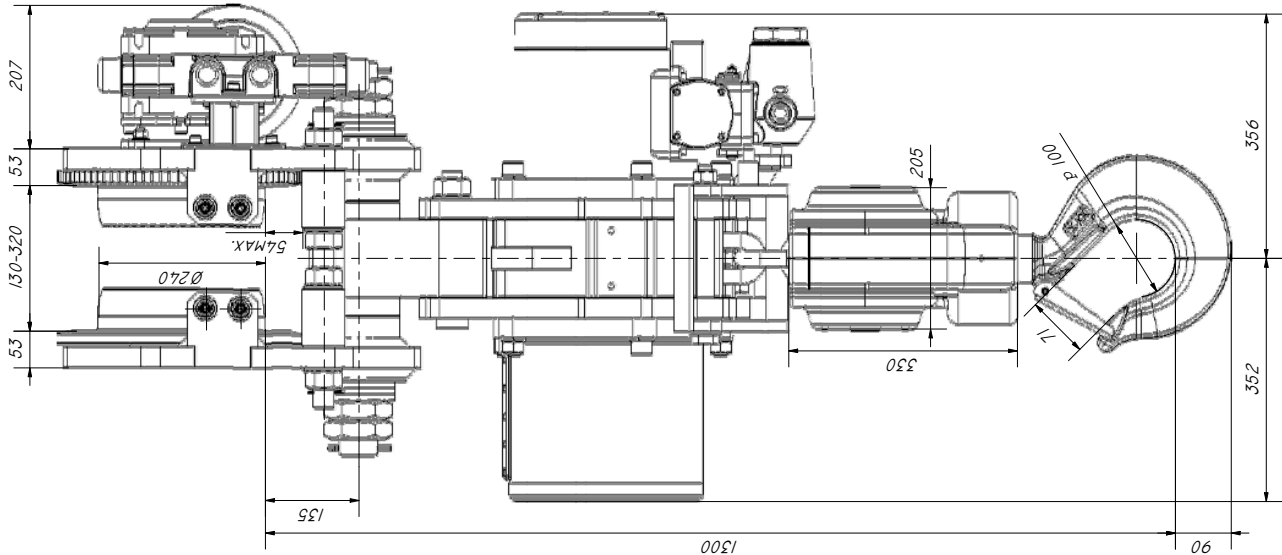
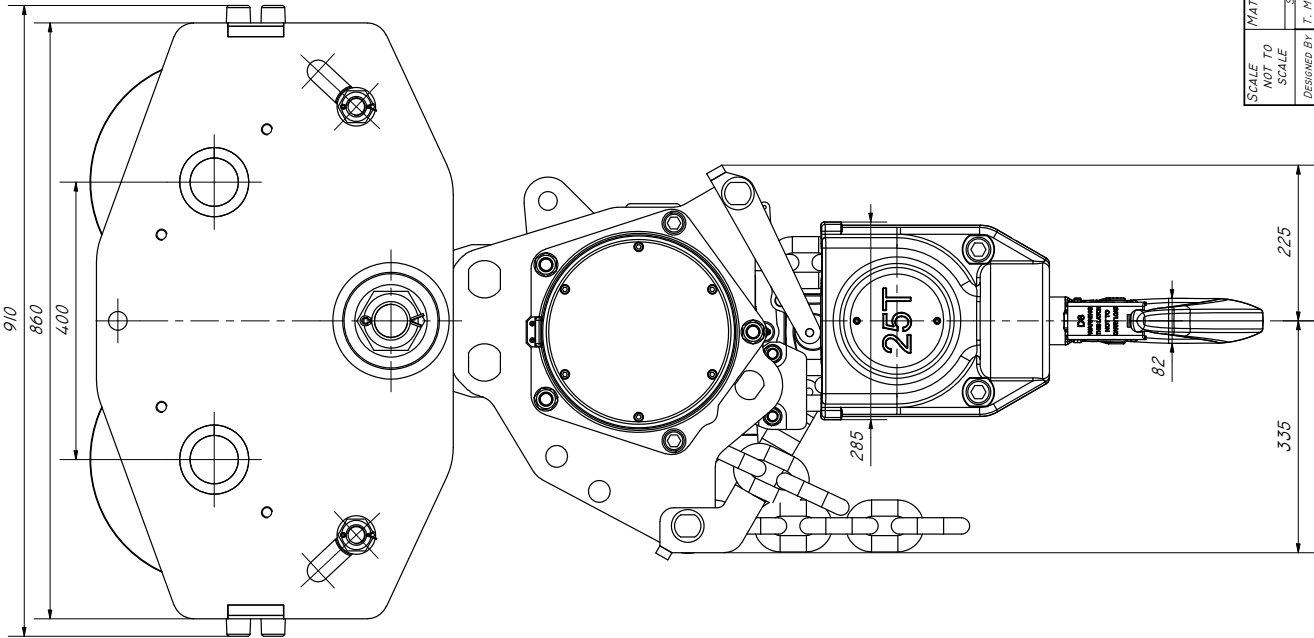


REVISION HISTORY		
REV.	DATE	APPROVED
0	09/04/2018	W. MORRISON



SCALE		TITLE OF PART		GENERAL ASSEMBLY		PART NUMBER	
NOT TO SCALE		SUBNAME	DATE	SCALE		DRG 1505-28	
DESIGNED BY	T. MIKOLAJENSKI	09/04/2018					
DRAWN BY	T. MIKOLAJENSKI	09/04/2018					
CHECKED BY							
APPROVED BY	B. ATKIN						
SHEET SIZE	A3	TITLE OF PROJECT		TMH 25 HOIST AND TROLLEY		PROFILE NUMBER	

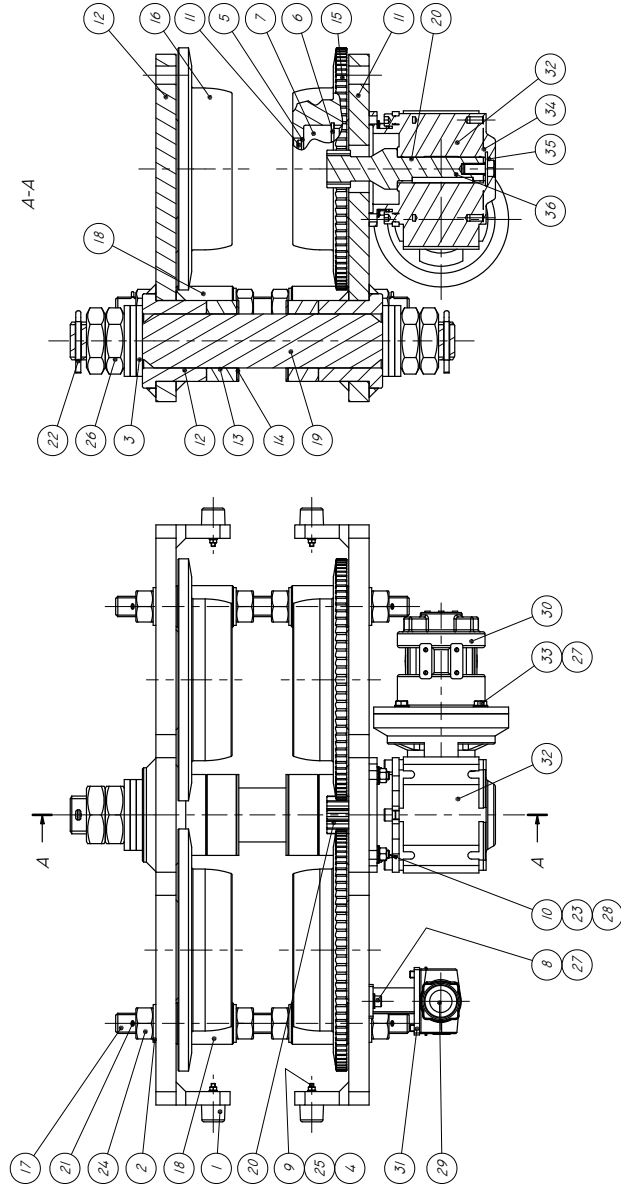
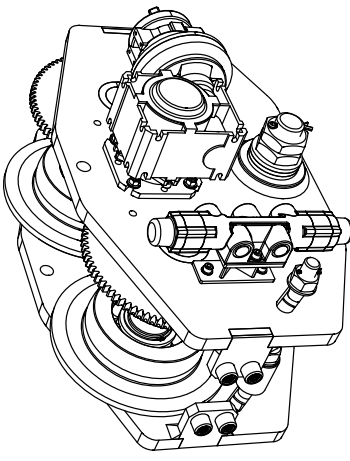
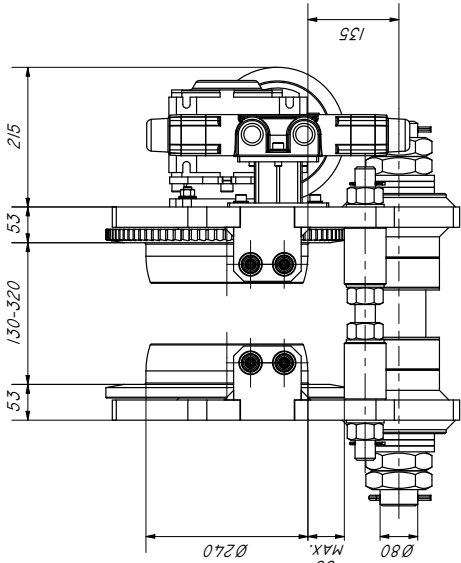
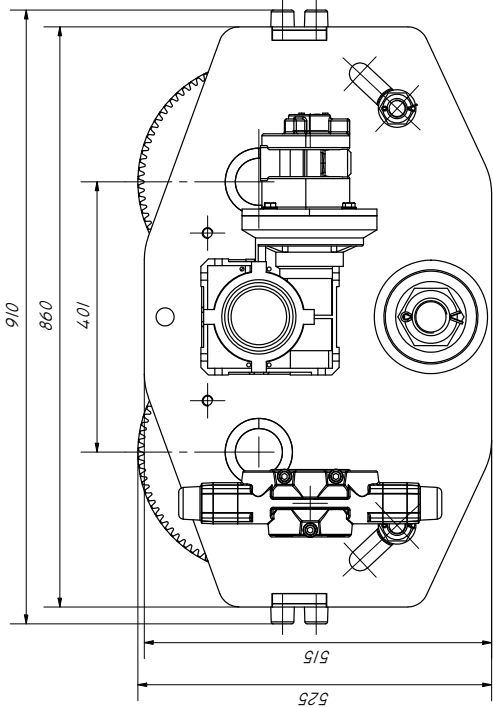


DATE	09/04/2018
REVISION	0
WEIGHT	1000KG
REPLACES DRAWING	-

PART NUMBER	DRG 1505-28
DATE	09/04/2018
REVISION	0
WEIGHT	1000KG
REPLACES DRAWING	-
PROFILE NUMBER	-

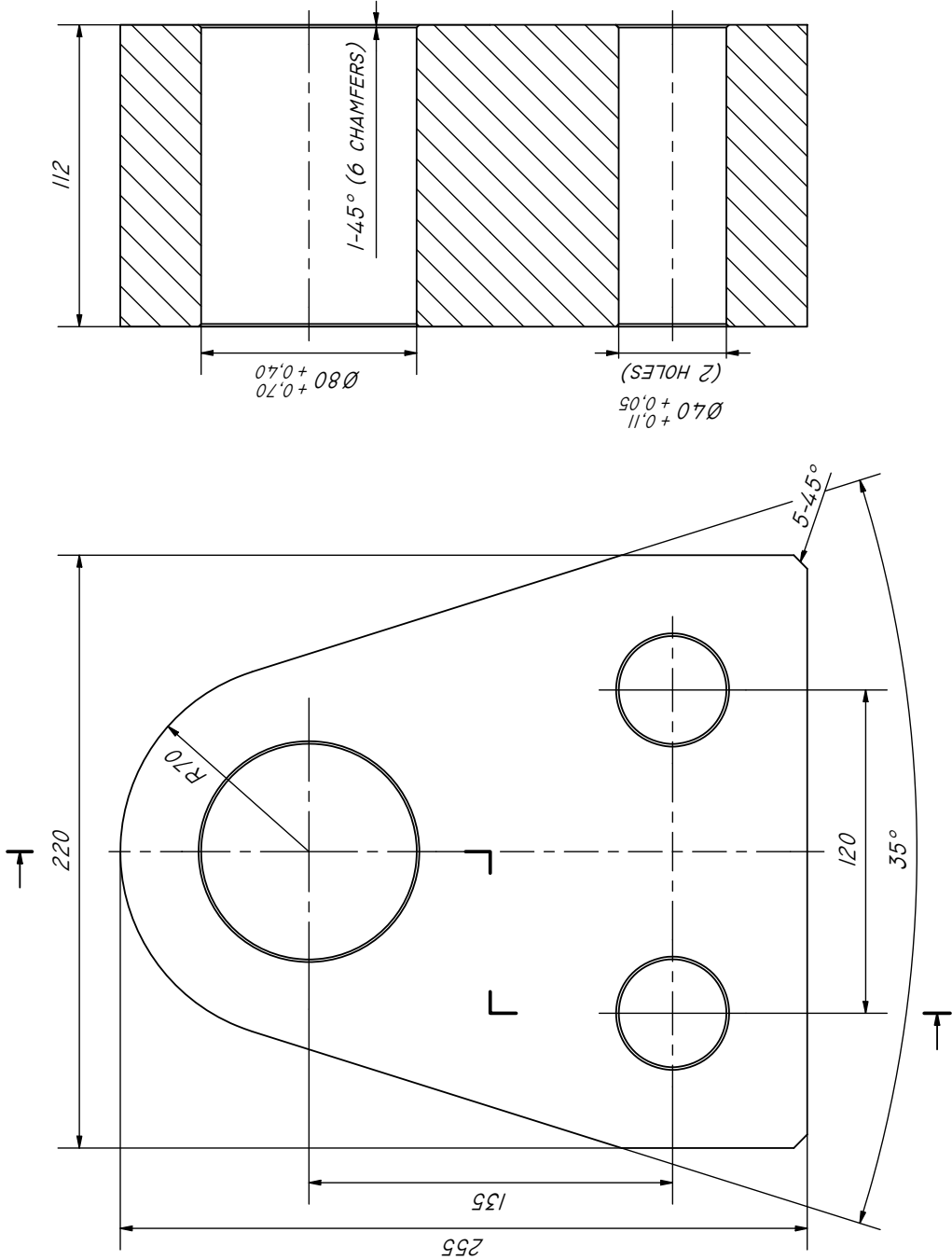
ALL DIMENSIONS ARE IN MILLIMETERS	
TOLERANCES	
LINEAR	
UP TO 30	±0.1
OVER 30 UP TO 100	±0.15
OVER 100 UP TO 300	±0.2
OVER 300 UP TO 1000	±0.3
OVER 1000	±0.5
ANGULAR ± 0.5°	✓
SURFACE ROUGHNESS	✓
IF IN DOUBT ASK	

REVISION HISTORY		
REV.	DATE	APPROVED
1		



PARTS LIST		
ITEM	QTY	PART NUMBER
1	8	DIN 125 - A 31
2	8	DIN 125 - A 58
3	6	DIN 125 - A 6.4
4	8	DIN 125 - A 6.4
5	4	DIN 471 - 85 x 3
6	4	DIN 472 - 80 x 4
7	4	DIN 625 SKF - SKF 6317-22
8	3	DIN 912 - M10 x 25
9	8	DIN 913 - M6 x 50
10	4	DIN 913 - M6 x 40
11	1	DRG 1505-16
12	1	DRG 1505-17
13	DEPENDS ON THE FLANGE	DRG 1505-03
14	DEPENDS ON THE FLANGE	DRG 1505-09
15	2	DRG 1505-10
16	2	DRG 1505-11
17	2	DRG 1505-12
18	2	DRG 1505-13
19	1	DRG 1505-14
20	1	DRG 1505-15 OR DRG 1505-16 OR DRG 1505-17
21	4	ISO 1505-18 OR DRG 1505-25
22	4	ISO 1234 - 4 x 40
23	4	ISO 1234 - 8 x 71
24	8	ISO 1234 - M12
25	8	ISO 4032 - M30
26	8	ISO 4032 - M6
27	9	ISO 4032 - M56
28	4	AL 1058
29	4	VERSA - SPOOL VALVE
30	1	VERSA - SPOOL VALVE
31	1	SKS175FA-EC80 (RATIO 80-1)
32	1	SKS175FA-EC80 (RATIO 80-1)
33	4	CSN EN 24018 - M10x40
34	1	DIN 9021 - 17
35	1	ISO 4018 - M16 x 35
36	1	ISO 6885 - A 10 x 8 x 90
SCALE 1:7.5		
TITLE OF PART 25TE AIR TROLLEY (AT25S)		
MATERIAL		
SUBNAME DATE SIGNATURE		
DESIGNED BY TOMASZ 19/04/2018		
DRAWN BY E. CRICHTON 29/01/2018		
CHECKED BY		
APPROVED BY B. ATKIN		
SHEET SIZE A3		
TITLE OF PROJECT 25TE HOIST AND TROLLEY		
PROFILE NUMBER		
DATE 29/01/2018		
REVISION WEIGHT 0 361.6 KG		
REPLACES DRAWING		
PART NUMBER DRG 1505D-01		
UNLESS OTHERWISE SPECIFIED		
ALL DIMENSIONS ARE IN MILLIMETERS		
TOLERANCES		
LINEAR		
UP TO 30 0.15		
OVER 30 UP TO 50 0.2		
OVER 50 UP TO 100 0.3		
OVER 100 UP TO 200 0.5		
OVER 200 UP TO 500 0.7		
OVER 500 UP TO 1000 1		
OVER 1000 1.5		
ANGULAR 0.5°		
SURFACE ROUGHNESS		
IF IN DOUBT ASK		

REVISION HISTORY		
REV.	DATE	APPROVED
0	09/04/2018	W. MORRISON



SCALE	MATERIAL	S355		TITLE OF PART		PART NUMBER
1:2,5		SURNAME	DATE	TOP EYE (TMH 25)		DRG 1505-27
DESIGNED BY	T. MIKOLAJEWSKI		09/04/2018	DATE		1 / 1
DRAWN BY	T. MIKOLAJEWSKI		09/04/2018	REVISION		0
CHECKED BY				WEIGHT		32.2 KG
APPROVED BY	B. AITKEN			REPLACES DRAWING		-
SHEET SIZE	A4	TITLE OF PROJECT		PROFILE NUMBER		DRG 1505-27_P



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS

TOLERANCES
LINEAR
UP TO 5 b 0.05
OVER 5 UP TO 30 b 0.1
OVER 30 UP TO 500 b 0.15
OVER 500 UP TO 1000 b 0.25
OVER 1000 b 1

ANGULAR b 0.5° N/A
SURFACE ROUGHNESS N/A
IF IN DOUBT ASK

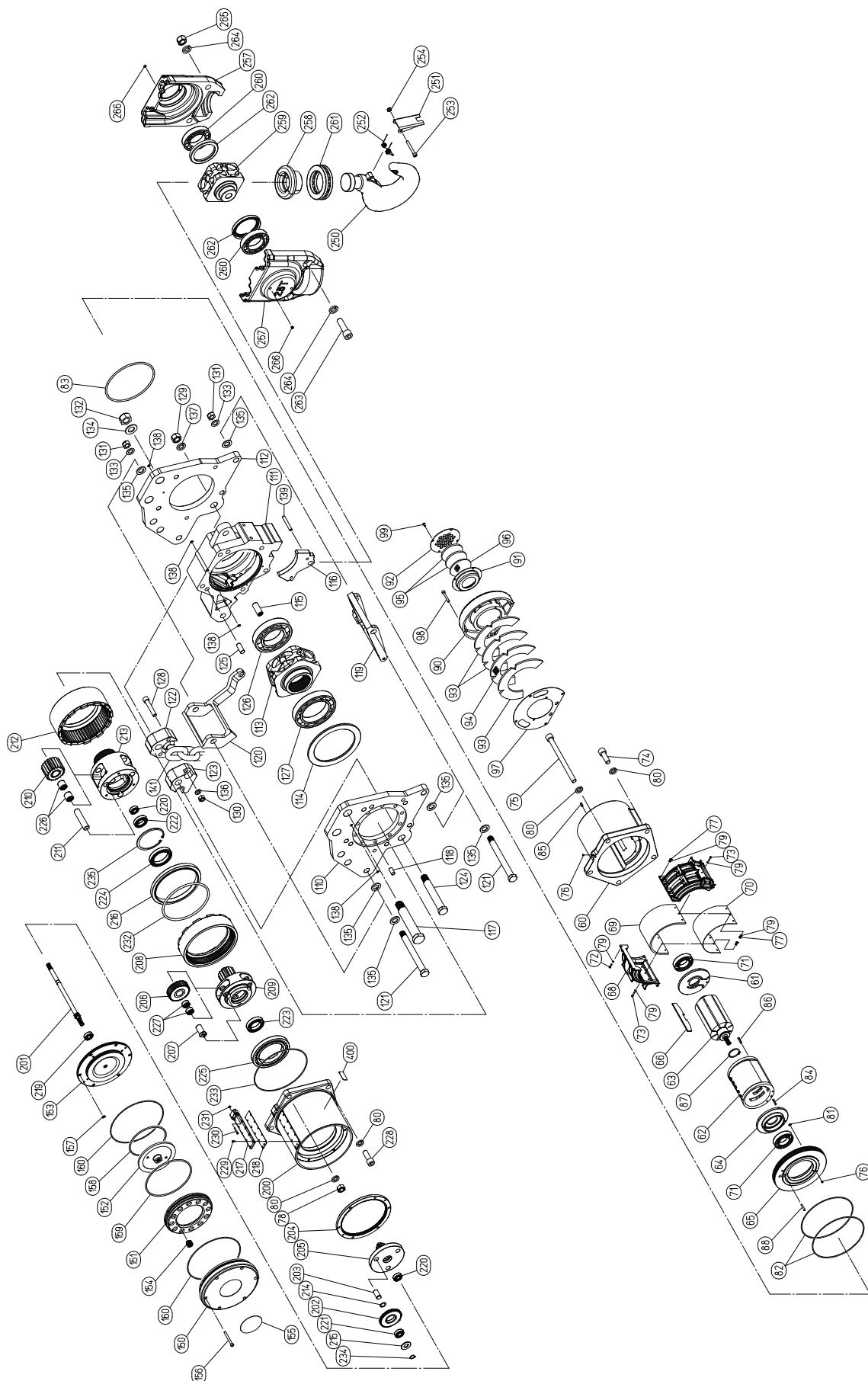


Fig. No.	Part Number	Part Name	Parts Per Hoist
060	425814790	MOTOR CASE	1
061	425814180	REAR PLATE	1
062	425814160	CYLINDER	1
063	425814150	ROTOR	1
064	425814170	FRONT PLATE	1
065	425814M40	FRONT COVER	1
066	137102034	VANE	8
068	425814M50	EXHAUST HOLDER	2
069	137402061	SILENCER M(F)	1
070	137402062	SILENCER M(ST)	1
071	130107011	BEARING 6210	2
072	131704016	HEX.SOCKET HEAD CAP SCREW M4X16	2
073	131704020	HEX.SOCKET HEAD CAP SCREW M4X20	6
074	131720055	HEX.SOCKET HEAD CAP SCREW M20X55	2
075	131716261	HEX.SOCKET HEAD CAP SCREW M20X260	3
076	132105005	HEX.SOCKET SET SCREW M5X5	2
077	134501004	U NUT M4	8
078	134501020	U-NUT M20	3
079	131307004	WASHER M4	16
080	131301020	SPRING WASHER M20	10
081	131101005	O-RING P-7	1
082	131117273	O-RING AS568-273	2
083	131117447	O-RING AS568-447	1
084	130605030	SPRING PIN 5X30	1
085	130606015	SPRING PIN 6X15	2
086	130606030	SPRING PIN 6X30	1
087	130302050	RETAINING RING S-50	1
088	130406079	PARALLEL PIN A6X35 H7	1
090	425814M60	MOTOR COVER	1
091	425814M70	EXHAUST COVER S	1
092	425814A90	EXHAUST PLATE	1
093	137402063	SILENCER LS	3
094	137402064	SILENCER LF	1
095	137402065	SILENCER SS	2
096	137402066	SILENCER SF	1
097	136102175	EXHAUST GASKET	1
098	131708055	HEX.SOCKET HEAD CAP SCREW M8X55	4
099	131906012	HEX.SOCKET BUTTON SCREW M6X12	4
110	425814M80	MIDDLE PLATE G	1
111	425814350	CHAIN GUIDE	1
112	425814M90	MIDDEL PLATE M	1
113	425814A50	LOAD SHEAVE	1
114	425814N90	CHAIN GUIDE COVER	1
115	425806200	COUPLING	1
116	425814360	CHAIN SEPARATOR	1
117	425814220	HANGER PIN	2
118	425814660	KNOCK PIN (16)	10
119	425814N10	LIMIT LEVER U	1

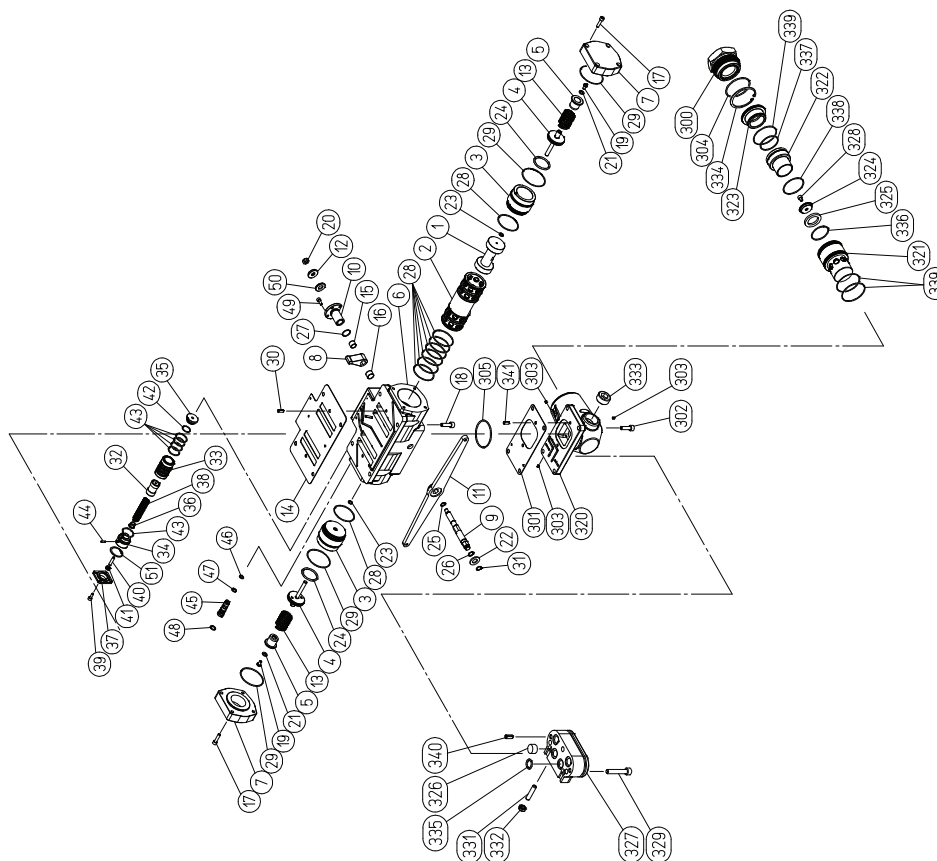
Fig. No.	Part Number	Part Name	Parts Per Hoist
120	425814N20	LIMIT LEVER D	1
121	425814N30	SET PIN	2
122	425814N40	CHAIN SET PLATE L	1
123	425814N50	CHAIN SET PLATE R	1
124	425814K60	CHAIN SET PIN	1
125	426305L61	KNOCK PIN	4
126	130126220	BEARING 6220DDU	1
127	130126026	BEARING 6026DDU	1
128	131716090	HEX.SOCKET HEAD CAP SCREW M16X90	2
129	134401024	HEX.NUT M24	1
130	134501016	U-NUT M16	2
131	134501020	U-NUT M20	2
132	134501030	U NUT M30	2
133	131307020	WASHER M20	2
134	131307030	WASHER M30	2
135	131306024	WASHER M24	6
136	131301016	SPRING WASHER M16	2
137	131301024	SPRING WASHER M24	1
138	131103006	O-RING S-8	4
139	130406080	PARALLEL PIN A12X80 H7	2
141		CHAIN 23.5X66	HOL
150	425814410	BRAKE COVER	1
151	425814400	BRAKE PISTON	1
152	425814430	BRAKE DISC	1
153	425814900	BRAKE PLATE	1
154	130802229	SPRING 20.5X21.9X2.9	12
155		NAME PLATE	1
156	131708080	HEX.SOCKET HEAD CAP SCREW M8X80	6
157	131101007	O-RING P-9	6
158	131117364	O-RING AS568-364	1
159	131117371	O-RING AS568-371	1
160	131117274	O-RING AS568-274	2
200	425814310	GEAR CASE	1
201	425814A62	FIRST PINION	1
202	425814A70	FIRST STAR GEAR	3
203	425814A80	FIRST PIN	3
204	425814E10	FIRST RING GEAR	1
205	425814E22	SECOND PINION	1
206	425814E31	SECOND STAR GEAR	3
207	425814E41	SECOND PIN	3
208	425814E51	SECOND RING GEAR	1
209	425814K22	THIRD PINION	1
210	425814K30	THIRD STAR GEAR	3
211	425814K40	THIRD PIN	3
212	425814K50	THIRD RING GEAR	1
213	425814240	CAGE	1
214	425814N70	FIRST SPACER	3
215	425814N80	FIRST THRUST COLLAR	3
216	425814230	SPACER	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
217	425814P10	AIR CONNECTOR	1
218	136102176	GASKET C	1
219	130109004	BEARING 6203ZZ	1
220	130107004	BEARING 6203	2
221	130104005	BEARING 6004	3
222	130104008	BEARING 6007	1
223	130104011	BEARING 6010	1
224	130113015	BEARING 6915	1
225	130116024	BEARING 16024	1
226	130132530	NEEDLE BEARING TA2530	6
227	130132515	NEEDLE BEARING TA2515	6
228	131720055	HEX.SOCKET HEAD CAP SCREW M20X55	2
229	131704008	HEX.SOCKET HEAD CAP SCREW M4X8	10
230	131704030	HEX.SOCKET HEAD CAP SCREW M4X30	2
231	131103006	O-RING S-8	1
232	131101215	O-RING P-215	1
233	131117274	O-RING AS568-274	1
234	130302020	RETAINING RING S-20	3
235	130301125	RETAINING RING H-125	1
250	425814E60	HOOK	1
251	425814P20	HOOK SAFETY CLAW	1
252	130802233	HOOK SPRING	1
253	131710080	HEX.SOCKET HEAD CAP SCREW M10X80	1
254	134501010	U NUT M10	1
257	425814800	UNDER HOOK HOLDER	2
258	425814710	THRUST RING (SET)	1
259	425814F70	FREE CHAIN WHEEL	1
260	130125215	BEARING NJ215ET	2
261	130121220	THRUST BEARING 51220	1
262	131203105	OIL SEAL SB-10513514	2
263	131724080	HEX.SOCKET HEAD CAP SCREW M24X80	2
264	131310024	SPRING WASHER M24	4
265	134401024	HEX.NUT M24	2
266	134902003	HEX.PLUG PT1/8	4
400		BRANDED NAME PLATE	1

Built-In Mains Emergency Stop Valve Pendant Body - TMH-25T-AT25S

18.01.05

D01-AHT47 REV0



Built-In Mains Emergency Stop Valve Pendant Body - TMH-25T-AT25S
18.01.05

D01-AHT47 REV0

Fig. No.	Part Number	Part Name	Parts Per Hoist
001	425814010	MAIN SPOOL	1
002	425814C30	MAIN BUSH	1
003	425814C20	SPOOL CYLINDER	2
004	425814C60	SPOOL PISTON	2
005	425814C70	SPRING SHEET	2
006	425814060	VALVE BODY	1
007	425814080	SIDE COVER	2
008	425814140	LIMIT LEVER	1
009	425814460	LIMIT SHAFT	1
010	425814100	LIMIT GUIDE	1
011	426303L7B	CONTROL LEVER CP	1
012	426305V30	LIMIT VALVE SHAFT WASHER	1
013	130802231	SPRING 26.5X42X3.5	2
014	136102174	VALVE GASKET	1
015	130212013	DRY BEARING DDK05-1212	1
016	130215012	DRY BEARING DDK05-1512	1
017	131706025	HEX.SOCKET HEAD CAP SCREW M6X25	8
018	131708028	HEX.SOCKET HEAD CAP SCREW M8X28	4
019	132406110	CROSS-RECESSED HEAD MACHINE SCREW M6X10	2
020	134501008	U-NUT M8	1
021	131307006	WASHER M6	2
022	131307012	WASHER M12	1
023	131101006	O-RING P-8	2
024	131101038	O-RING P-38	2
025	131103008	O-RING S-10	1
026	131103010	O-RING S-12	1
027	131103016	O-RING S-20	1
028	131103040	O-RING S-53	8
029	131103043	O-RING S-60	4
030	130606015	SPRING PIN 6X15	2
031	130302012	RETAINING RING S-12	1
032	425806J40	LIMIT SPOOL	1
033	425814J30	LIMIT SPOOL BUSH	1
034	426307AR0	LIMIT RETAINER	1
035	425814J50	LIMIT RETAINER F	1
036	426307Z50	SPRING SEAT	1
037	426307AS0	ADJUST COVER	1
038	130802232	SPRING 13.1X70X2.1	1
039	131705014	HEX.SOCKET HEAD CAP SCREW M5X14	4
040	132306025	HEX.SOCKET SET SCREW M6X25	1
041	134403106	HEX.NUT M6	1
042	131103016	O-RING S-20	1
043	131103022	O-RING S-28	5
044	130406005	PARALLEL PIN 4X10 H7	1
045	425814M2B	BRAKE VALVE CP	1
046	131103007	O-RING S-9	1
047	131103008	O-RING S-10	1
048	131103010	O-RING S-12	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
049	131705014	HEX.SOCKET HEAD CAP SCREW M5X14	4
050	426305G80	VALVE SHAFT THRUST PLATE	1
051	130301032	RETAINING RING H-32	1
300	425814G6B	INLET BUSHING CP	1
301	136102177	UNDER GASKET	1
302	131708028	HEX.SOCKET HEAD CAP SCREW M8X28	4
303	132105005	HEX.SOCKET SET SCREW M5X5	4
304	131117143	O-RING AS568-143	1
305	131117144	O-RING AS568-144	1
320	425814470	UNDER COVER	1
321	425814G70	MAIN CUT BUSH	1
322	425814G80	MAIN CUT VALVE	1
323	425814G90	MAIN CUT CAP	1
324	425814H00	MAIN CUT HOLDER	1
325	136102178	MAIN CUT SEAT	1
326	137411114	SILENCER	2
327	425814940	MANI HOLD	1
328	131706308	HEX.SOCKET HEAD CAP SCREW M6X8	1
329	131705030	HEX.SOCKET HEAD CAP SCREW M5X30	3
331	132105022	HEX.SOCKET SET SCREW M5X22	1
332	134403205	HEX.NUT M5	2
333	134902012	HEX.SOCKET HEAD PLUG 1	2
334	130301065	RETAINING RING H-65	1
335	131103008	O-RING S-10	1
336	131103035	O-RING S-44	4
337	131103037	O-RING S-46	1
338	131103040	O-RING S-53	1
339	131115036	O-RING AS568-036	3
340	130604010	SPRING PIN 4X10	2
341	130606015	SPRING PIN 6X15	2

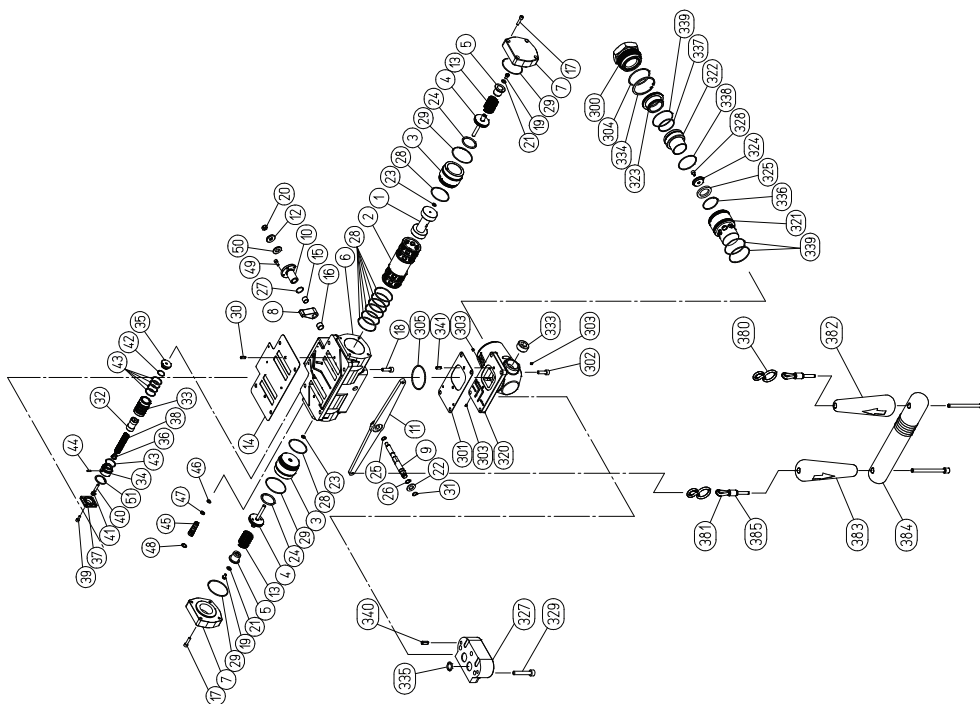


Fig. No.	Part Number	Part Name	Parts Per Hoist
001	425814010	MAIN SPOOL	1
002	425814C30	MAIN BUSH	1
003	425814C20	SPOOL CYLINDER	2
004	425814C60	SPOOL PISTON	2
005	425814C70	SPRING SHEET	2
006	425814060	VALVE BODY	1
007	425814080	SIDE COVER	2
008	425814140	LIMIT LEVER	1
009	425814460	LIMIT SHAFT	1
010	425814100	LIMIT GUIDE	1
011	426303L7B	CONTROL LEVER CP	1
012	426305V30	LIMIT VALVE SHAFT WASHER	1
013	130802231	SPRING 26.5X42X3.5	2
014	136102174	VALVE GASKET	1
015	130212013	DRY BEARING DDK05-1212	1
016	130215012	DRY BEARING DDK05-1512	1
017	131706025	HEX.SOCKET HEAD CAP SCREW M6X25	8
018	131708028	HEX.SOCKET HEAD CAP SCREW M8X28	4
019	132406110	CROSS-RECESSED HEAD MACHINE SCREW M6X10	2
020	134501008	U-NUT M8	1
021	131307006	WASHER M6	2
022	131307012	WASHER M12	1
023	131101006	O-RING P-8	2
024	131101038	O-RING P-38	2
025	131103008	O-RING S-10	1
026	131103010	O-RING S-12	1
027	131103016	O-RING S-20	1
028	131103040	O-RING S-53	8
029	131103043	O-RING S-60	4
030	130606015	SPRING PIN 6X15	2
031	130302012	RETAINING RING S-12	1
032	425806J40	LIMIT SPOOL	1
033	425814J30	LIMIT SPOOL BUSH	1
034	426307AR0	LIMIT RETAINER	1
035	425814J50	LIMIT RETAINER F	1
036	426307Z50	SPRING SEAT	1
037	426307AS0	ADJUST COVER	1
038	130802232	SPRING 13.1X70X2.1	1
039	131705014	HEX.SOCKET HEAD CAP SCREW M5X14	4
040	132306025	HEX.SOCKET SET SCREW M6X25	1
041	134403106	HEX.NUT M6	1
042	131103016	O-RING S-20	1
043	131103022	O-RING S-28	5
044	130406005	PARALLEL PIN 4X10 H7	1
045	425814M2B	BRAKE VALVE CP	1
046	131103007	O-RING S-9	1
047	131103008	O-RING S-10	1
048	131103010	O-RING S-12	1

Fig. No.	Part Number	Part Name	Parts Per Hoist
049	131705014	HEX.SOCKET HEAD CAP SCREW M5X14	4
050	426305G80	VALVE SHAFT THRUST PLATE	1
051	130301032	RETAINING RING H-32	1
300	425814G6B	INLET BUSHING CP	1
301	136102177	UNDER GASKET	1
302	131708028	HEX.SOCKET HEAD CAP SCREW M8X28	4
303	132105005	HEX.SOCKET SET SCREW M5X5	5
304	131117143	O-RING AS568-143	1
305	131117144	O-RING AS568-144	1
320	425814470	UNDER COVER	1
321	425814G70	MAIN CUT BUSH	1
322	425814G80	MAIN CUT VALVE	1
323	425814G90	MAIN CUT CAP	1
324	425814H00	MAIN CUT HOLDER	1
325	136102178	MAIN CUT SEAT	1
326	137411114	SILENCER	2
327	425816940	MANI HOLD	1
328	131706308	HEX.SOCKET HEAD CAP SCREW M6X8	1
329	131705030	HEX.SOCKET HEAD CAP SCREW M5X30	3
331	132105022	HEX.SOCKET SET SCREW M5X22	1
332	134403205	HEX.NUT M5	2
333	134902012	HEX.SOCKET HEAD PLUG 1	2
334	130301065	RETAINING RING H-65	1
335	131103008	O-RING S-10	2
336	131103035	O-RING S-44	4
337	131103037	O-RING S-46	1
338	131103040	O-RING S-53	1
339	131115036	O-RING AS568-036	3
340	130604010	SPRING PIN 4X10	2
341	130606015	SPRING PIN 6X15	2
380	130802081	S-TYPE WIRE (S)	2
381	138001015	THROTTLE VALVE CHANGE CORD (1.5M)	2
382	136602625	GRIP(W)	1
383	136602626	GRIP(R)	1
384	136602627	HANDLE	1
385	137249050	ROPE SLEEVE TA-85A	2

