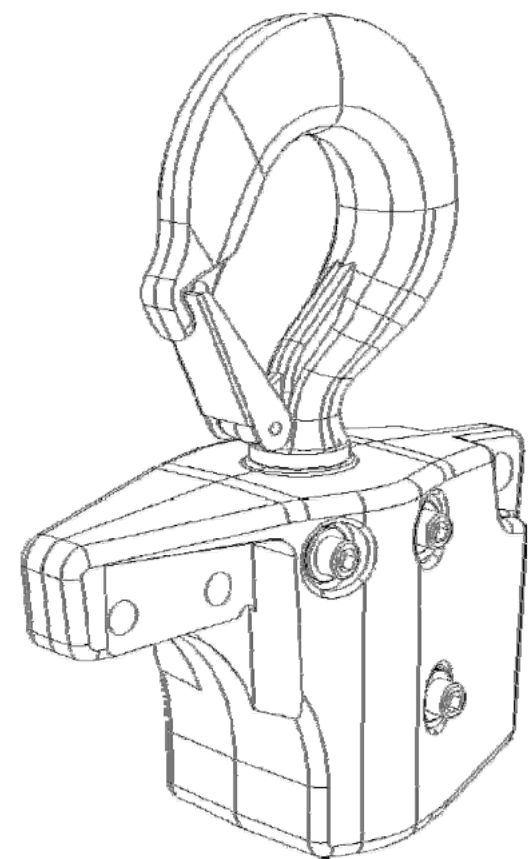
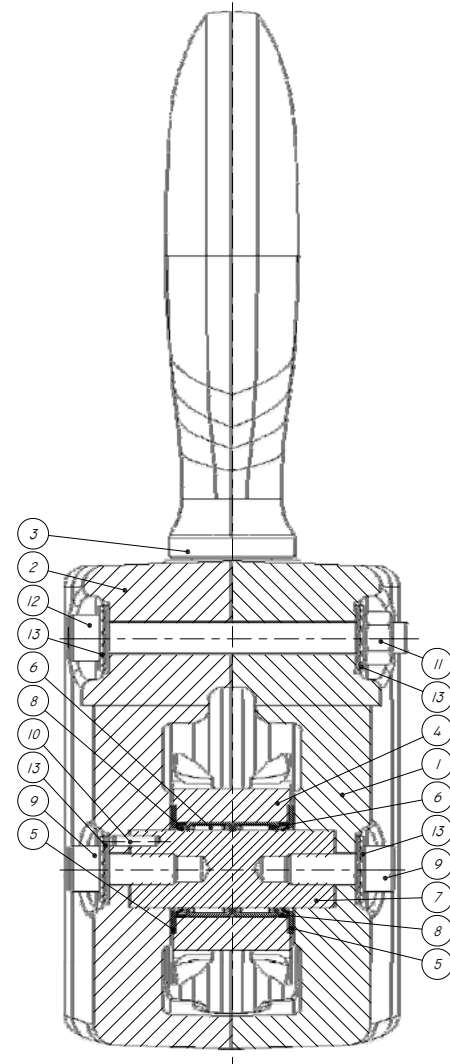
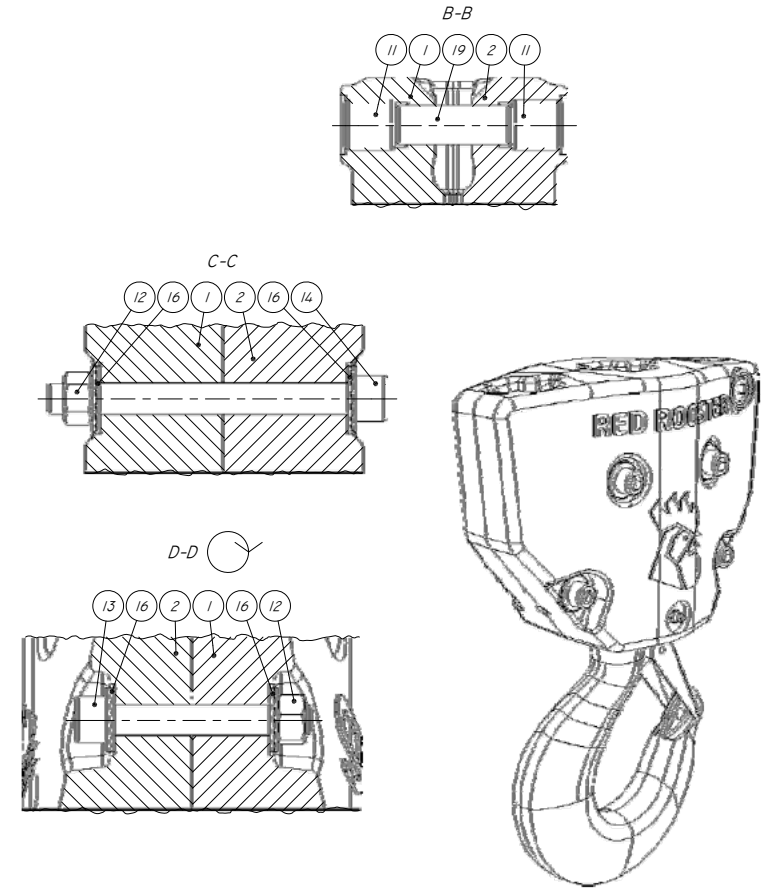
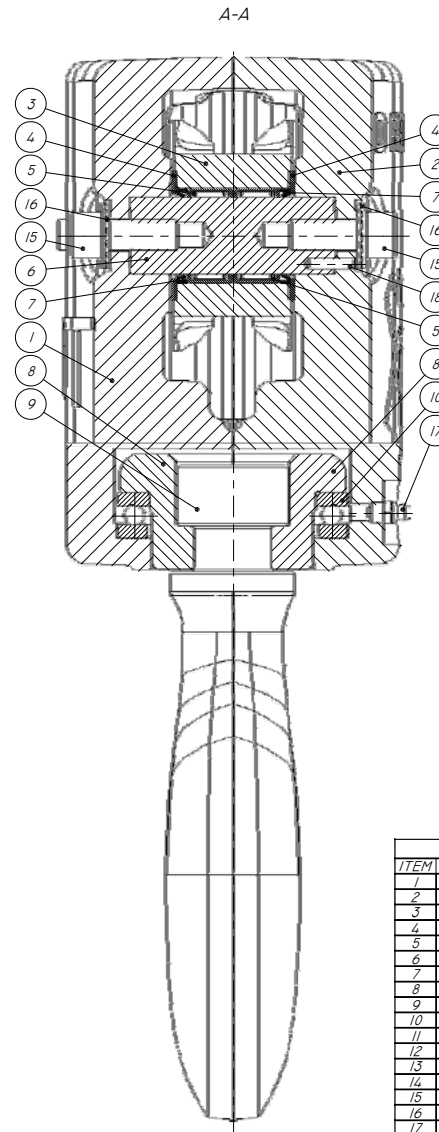
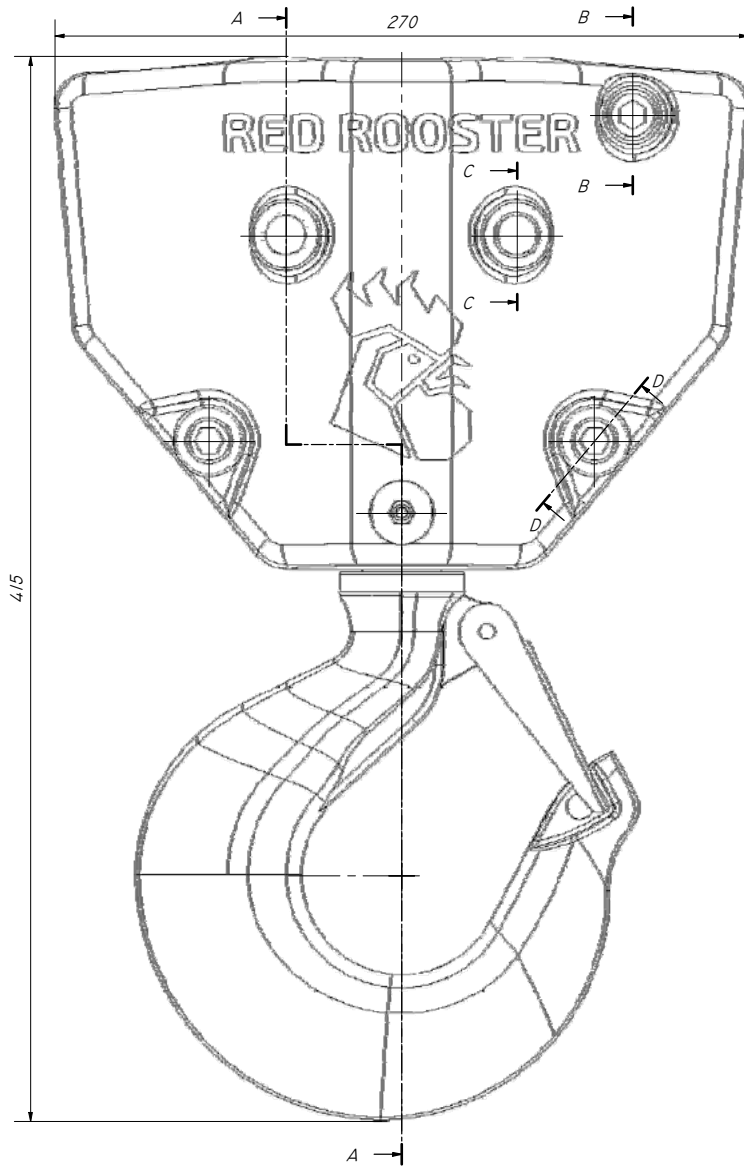




PARTS LIST							SCALE	MATERIAL			TITLE OF PART				PART NUMBER			
ITEM	QTY	PART NUMBER	DESCRIPTION	REV.	1:2	DESIGNED BY T. MIKOLAJEWSKI	23/06/2017	T. MIKOLAJEWSKI	23/06/2017	TOP BLOCK				DRG 1566-01				
										SURNAME	DATE	SIGNATURE					1 / 1	
														DATE				
														23/06/2017				
														REVISION	WEIGHT			
1	1	DRG 1566-03	TOP BLOCK - HALF I	0										UNLESS OTHERWISE SPECIFIED				
2	1	DRG 1566-04	TOP BLOCK - HALF II	0										ALL DIMENSIONS ARE IN MILLIMETER				
3	1	DRG 1561-23	10T6 HOOK (BOTTOM BLOCK)	0										TOLERANCES				
4	1	TMH 3000 PW-01	POCKET WHEEL (13x36 CHAIN) - INNER BEARING	0										LINEAR				
5	2	TMH 3000 SR-01	SPACER RING	0										UP TO 5 : ± 0.05				
6	2	ISO 3245 - 51 D - 30 x 37 x 18	NEEDLE ROLLER BEARINGS, DRAWN CUP WITHOUT INNER RINGS	0										OVER 50 UP TO 150 : ± 0.2				
7	1	DRG 1566-07	WHEEL SHAFT	0										OVER 5 UP TO 50 : ± 0.1				
8	2	G30X37X4	NEEDLE BEARING SEAL 30X37X4 TYPE G - LOW CROSS SECTION	0										OVER 100 UP TO 500 : ± 0.25				
9	2	DIN 912 - M12 x 30	CYLINDER HEAD CAP SCREW	0										OVER 500 UP TO 1000 : ± 0.5				
10	1	ISO 2338 - 4 H8 x 18	PARALLEL PIN	0										OVER 1000 : ± 1				
11	2	ISO 4032 - M12	HEX NUT	0										ANGULAR B 0,5°				
12	2	DIN 912 - M12 x 120	CYLINDER HEAD CAP SCREW	0										SURFACE ROUGHNESS 				
13	6	NL2SP	M12 NORDLOCK WASHER LARGE DIAMETER GLUED PAIR	0										IF IN DOUBT ASK				

REVISION HISTORY		
REV.	DATE	APPROVED
0		



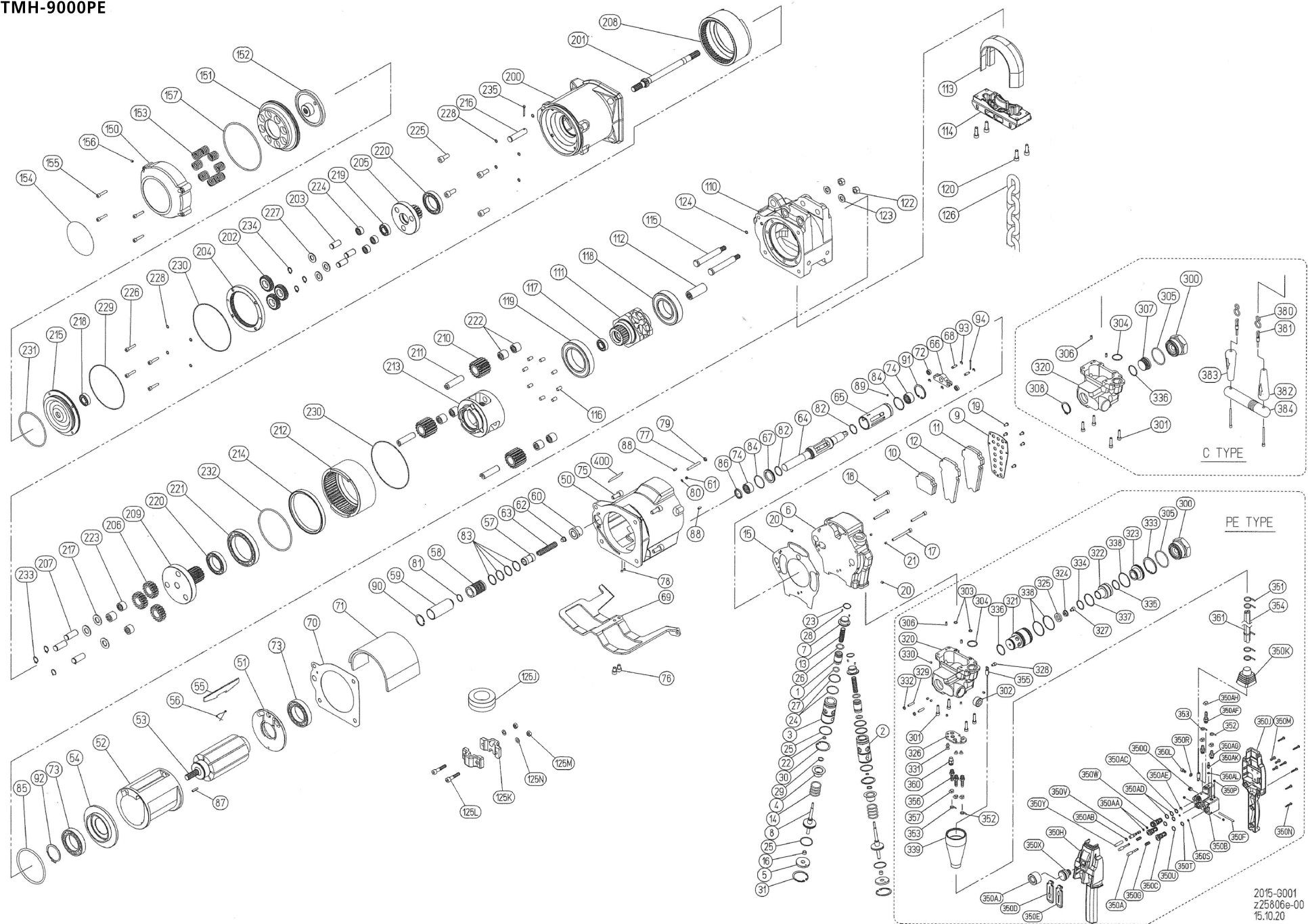
PARTS LIST				REV.
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	DRG 1566-05	BOTTOM BLOCK - HALF II	0
2	1	DRG 1566-06	BOTTOM BLOCK - HALF I	0
3	1	TMH 3000 PW-01	POCKET WHEEL (13x36 CHAIN) - INNER BEARING	
4	2	TMH 3000 SR-01	SPACER RING	0
5	2	ISO 3245 - 51 D - 30 x 37 x 18	NEEDLE ROLLER BEARINGS, DRAWN CUP WITHOUT INNER RINGS	
6	1	DRG 1566-07	WHEEL SHAFT	0
7	2	G30x37x4	NEEDLE BEARING SEAL 30x37x4 TYPE G - LOW CROSS SECTION	
8	2	DRG 1541-22	THRUST RING (BOTTOM BLOCK)	0
9	1	DRG 1541-23	10T6 HOOK (BOTTOM BLOCK)	0
10	1	DIN 711 - 51/13 - 65 x 90 x 18	THRUST BALL BEARING	
11	2	DIN 913 - M20 x 20	HEXAGON SOCKET SET SCREW	
12	3	ISO 4032 - M12	HEX NUT	
13	2	DIN 912 - M12 x 80	CYLINDER HEAD CAP SCREW	
14	1	DIN 912 - M12 x 120	CYLINDER HEAD CAP SCREW	
15	2	DIN 912 - M12 x 30	CYLINDER HEAD CAP SCREW	
16	8	NL12SP	M12 NORDLOCK WASHER LARGE DIAMETER GLUED PAIR	0
17	1	DIN 71412 - AM8 x 1 CONED SHORT	LUBRICATING NIPPLE, CONED TYPE A	
18	1	ISO 2338 - 4 H8 x 18	PARALLEL PIN	
19	1	DRG 1566-08	CHAIN JOINT PIN	0

SCALE	MATERIAL	TITLE OF PART	PART NUMBER
1:2		BOTTOM BLOCK	DRG 1566-02
DESIGNED BY	SUBNAME	DATE	SIGNATURE
T. MIKOLAJEWSKI		23/06/2017	
DRAWN BY	SUBNAME	DATE	SIGNATURE
T. MIKOLAJEWSKI		23/06/2017	
CHECKED BY	SUBNAME	DATE	SIGNATURE
S. PRZYGODA			
APPROVED BY	SUBNAME	DATE	SIGNATURE
B. AITKEN			
SHEET SIZE	TITLE OF PROJECT	REVISION	WEIGHT
A3	9TE AIR HOIST	0	32.1 KG
		REPLACES DRAWING	
		PROFILE NUMBER	

DATE	23/06/2017
REVISION	0
WEIGHT	32.1 KG
REPLACES DRAWING	
PROFILE NUMBER	

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
LINEAR
UP TO 5 ± 0.05
OVER 5 TO 10 ± 0.1
OVER 10 TO 30 ± 0.2
OVER 30 TO 50 ± 0.25
OVER 50 TO 100 ± 0.3
OVER 100 TO 1000 ± 0.5
OVER 1000 ± 1
ANGULAR ± 0.5°
SURFACE ROUGHNESS R_a
IF IN DOUBT ASK

TMH-9000PE



C TYPE

PE TYPE

※	Sym No.	Code No.	Description	Q'ty Req
	001	425806J80	THROTTLE VALVE	2
	002	425806E90	VALVE BUSHING (U)	1
	003	425806F00	VALVE BUSHING (D)	1
	004	425806C70	SPRING SEAT	2
	005	425806A20	VALVE CAP	2
	006	425806060	VALVE BODY	1
	007	425806A30	BUSH CAP	2
	008	425806C60	PISTON	2
	009	425806810	EXHAUST PLATE	1
	010	137402055	SILENCER (SS)	2
	011	137402056	SILENCER (SL)	2
	012	137402057	SILENCER (F)	1
	013	130802227	SPRING 11.4X46X1.4	2
	014	130802228	SPRING 26X32.3X2.6	2
	015	136102171	VALVE GASKET	1
	016	130216001	BEARING K5B0807	2
	017	131706065	HEX SOCKET HEAD CAP SCREW M6X65	1
	018	131706050	HEX SOCKET HEAD CAP SCREW M6X50	3
	019	131905010	HEX SOCKET BUTTON SCREW M5X10	5
	020	132106006	HEX SOCKET SET SCREW M6X6	2
	021	132105005	HEX SOCKET SET SCREW M5X5	2
	022	131103005	O-RING S-7	2
	023	131103016	O-RING S-20	2
	024	131103024	O-RING S-30	4
	025	131103026	O-RING S-32	4
	026	131117115	O-RING AS568-115	2
	027	131118113	O-RING AS568-113 (HS90)	2
	028	130603005	SPRING PIN 3X5	4
	029	130302012	RETAINING RING S-12	2
	030	130301036	RETAINING RING H-36	2
	031	130301040	RETAINING RING H-40	2
	050	425806790	MOTOR CASE	1
	051	425806180	REAR PLATE	1
	052	425806160	CYLINDER	1
	053	425806150	ROTOR	1
	054	425806170	FRONT PLATE	1
	055	137102033	VANE	8
	056	130802212	LIFT SPRING	8
	057	425806J40	LIMIT SPOOL	1
	058	425806J30	LIMIT SPOOL BUSHING	1
	059	425806J50	LIMIT RETAINER F	1
	060	425806J60	LIMIT RETAINER B	1
	061	425806J70	LIMIT PLUG	1
	062	426307Z50	SPRING SEAT	1
	063	130802226	SPRING 13X67X2	1
	064	425806460	LIMIT SHAFT	1
	065	425806A40	LIMIT SHAFT BUSHING	1
	066	425806140	LIMIT LEVER	1
	067	425806J90	LIMIT WASHER	1
	068	425806120	ROLLER SHAFT	2
	069	425806110	CHAIN LEVER	1
	070	136102172	MOTOR GASKET	1
	071	425806K08	SILENCER M CP	1
	072	130103005	BEARING 605ZZ	2
	073	130104011	BEARING 6010	2
	074	130132116	NEEDLE BEARING TA2215Z	2
	075	131710025	HEX SOCKET HEAD CAP SCREW M10X25	4
	076	131708012	HEX SOCKET HEAD CAP SCREW M8X12	2
	077	132306050	HEX SOCKET SET SCREW M6X50	1
	078	132105005	HEX SOCKET SET SCREW M5X5	2
	079	134403106	HEX NUT M6	1
	080	131103003	O-RING S-5	1
	081	131103016	O-RING S-20	1
	082	131103021	O-RING S-26	2
	083	131103022	O-RING S-28	4
	084	131103029	O-RING S-36	2
	085	131101068	O-RING P-100	1
	086	131246003	DUST SEAL OS22294	1
	087	130605020	SPRING PIN 5X20	1
	088	130605010	SPRING PIN 5X10	2
	089	130603005	SPRING PIN 3X5	1
	090	130301032	RETAINING RING H-32	1
	091	130301040	RETAINING RING H-40	1
	092	130302050	RETAINING RING S-50	1
	093	130303004	RETAINING RING E-4	4
	094	130702125	SPLIT PIN 2.5X25	1
	110	425806A00	CENTER HOUSING	1
	111	425806A50	LOAD SHEAVE	1
	112	425806200	COUPLING	1
	113	425806350	CHAIN GUIDE	1
	114	425806360	CHAIN SEPARATOR	1
	115	425806220	HANGER PIN	2
	116	426325340	DOWEL PIN	8
	117	130104004	BEARING 6003	1
	118	130109012	BEARING 6211ZZ	1
	119	130109015	BEARING 6014ZZ	1

※	Sym No.	Code No.	Description	Q'ty Req
	120	131708025	HEX SOCKET HEAD CAP SCREW M8X25	4
	122	134501012	U NUT M12	2
	123	131307012	WASHER M12	2
	124	131103005	O-RING S-7	1
	125	42580655C	CHAIN BASKET CP	0
	J	425806H10	END WASHER	1
	K	420655JF0	CHAIN DOWN STOPPER	2
	L	131708040	HEX SOCKET HEAD CAP SCREW M8X40	2
	M	134501008	U NUT M8	2
	N	131301008	SPRING WASHER M8	2
	126	138128038	CHAIN 13X3.8M	0
	150	425806410	BRAKE COVER	1
	151	425806400	BRAKE PISTON	1
	152	425806430	BRAKE DISK	1
	153	130802229	SPRING 20.5X21.9X2.9	8
	154	137301096	NAME PLATE	1
	155	131706040	HEX SOCKET HEAD CAP SCREW M6X40	4
	156	132105005	HEX SOCKET SET SCREW M5X5	1
	157	131117255	O-RING AS568-255	1
	200	425806310	GEAR CASE	1
	201	425806A60	FIRST PINION	1
	202	425806A70	FIRST STAR GEAR	2
	203	425806A80	FIRST PIN	3
	204	425806E10	FIRST RING GEAR	1
	205	425806E20	SECOND PINION	1
	206	425806E30	SECOND STAR GEAR	3
	207	425806E40	SECOND PIN	3
	208	425806E50	SECOND RING GEAR	1
	209	425806K20	THIRD PINION	1
	210	425806K30	THIRD STAR GEAR	3
	211	425806K40	THIRD PIN	3
	212	425806K50	THIRD RING GEAR	1
	213	425806240	CAGE	1
	214	425806230	SPACER	1
	215	425806900	BRAKE PLATE	1
	216	425806K60	CHAIN SET PIN	1
	217	425806K70	SECOND THRUST WASHER	3
	218	130106004	BEARING 6003ZZ	1
	219	130104004	BEARING 6003	1
	220	130113009	BEARING 6909	2
	221	130113016	BEARING 6916	1
	222	130131621	NEEDLE BEARING TA1620Z	6
	223	130131617	NEEDLE BEARING TA1616Z	3
	224	130131513	NEEDLE BEARING TA1512Z	3
	225	131710025	HEX SOCKET HEAD CAP SCREW M10X25	4
	226	131706030	HEX SOCKET HEAD CAP SCREW M6X30	4
	227	131307014	WASHER M14	3
	228	131103005	O-RING S-7	9
	229	131103063	O-RING S-135	1
	230	131103065	O-RING S-145	2
	231	131117242	O-RING AS568-242	1
	232	131117249	O-RING AS568-249	1
	233	130302016	RETAINING RING S-16	3
	234	130302015	RETAINING RING S-15	3
	235	130704025	SPLIT PIN 4X25	1
	300	425806G68	INLET BUSHING CP	1
	301	131706025	HEX SOCKET HEAD CAP SCREW M6X25	4
※	302	134902011	HEX SOCKET HEAD PLUG PT3/4	1

※	Sym No.	Code No.	Description	Q'ty Req
	303	131103005	O-RING S-7	2
	304	131103020	O-RING S-25	1
	305	131117134	O-RING AS568-134	1
	306	130605010	SPRING PIN 5X10	2
	320	425806470	UNDER COVER	1
	321	425806G70	MAIN CUT BUSHING	1
	322	425806G80	MAIN CUT VALVE	1
	323	425806G90	MAIN CUT CAP	1
	324	425806H00	MAIN CUT HOLDER	1
	325	136102173	MAIN CUT SEAT	1
	326	137402060	PILOT SILENCER	1
	327	131706308	HEX SOCKET HEAD CAP SCREW M6X8	1
	328	131705008	HEX SOCKET HEAD CAP SCREW M5X8	1
	329	132105022	HEX SOCKET SET SCREW M5X22	2
	330	132105005	HEX SOCKET SET SCREW M5X5	6
	331	132905206	CROSS-RECESSED HEAD SCREW M5X6	4
	332	134403205	HEX NUT M5	2
	333	130301047	RETAINING RING H-47	1
	334	131103020	O-RING S-25	1
	335	131103021	O-RING S-26	1
	336	131103023	O-RING S-29	1
	337	131103028	O-RING S-35	1
	338	131117030	O-RING AS568-030	3
	339	136608250	BOOT	1
	350	420224VRH	PENDANT VALVE ASSY(MC)	1
	A	420218VB0	THROTTLE VALVE	2
	B	420224VR0	VALVE BODY	1
	C	420218VF0	BUSHING	2
	D	420223W40	LEVER D	1
	E	420223W30	LEVER U	1
	F	130402052	LEVER PIN	1
	G	130802220	SPRING 6X14X0.6	2
	H	420223W50	FRONT CASE	1
	J	420223W60	REAR CASE	1
	K	136608254	BOOT	1
	L	131705010	HEX SOCKET HEAD CAP SCREW M5X10	1
	M	132405014	CROSS-RECESSED HEAD MACHINE SCREW M5X14	3
	N	132904220	P-TIGHT 4X20	6
	P	132105005	HEX SOCKET SET SCREW M5X5	4
	Q	134902003	HEX SOCKET HEAD PLUG PT1/8	1
	R	131307005	WASHER M5	1
	S	131109001	O-RING S-3 (HS90)	2
	T	131103008	O-RING S-10	2
	U	131103009	O-RING S-11.2	2
	V	420224V61	EMERGENCY VALVE	1
	W	420224V51	EMERGENCY BUSHING	1
	X	136609050	EMERGENCY SWITCH N	1
	Y	130402073	PUSH ROD N	1
	AA	131103002	O-RING S-4	2
	AB	131103004	O-RING S-6	1
	AC	131103008	O-RING S-10	1
	AD	131103009	O-RING S-11.2	2
	AE	130303004	RETAINING RING E-4	1
	AF	135106301	HOSE NIPPLE H-1 PT1/8-7	1
	AG	426230E80	HOSE NIPPLE (S)	2
	AH	137501012	HOSE BAND 5.6~16	3
	AJ	136311001	BUTTON COVER OC-31	1
	AK	426221E20	HOSE NIPPLE	1
	AL	136102094	PACKING	1
	351	137502034	BAND 100 RED	5
	352	137502036	BAND 100 WHITE	2
	353	137502037	BAND 100 BLACK	2
	354	137240924	URETHANE HOSE HR-6R 2M	3
	355	426230F1B	PENDANT WIRE CP	1
	356	135106301	HOSE NIPPLE H-1 PT1/8-7	3
	357	137501012	HOSE BAND 5.6~16	3
	360	137285011	TUBE FITTING PC6-01	1
	361	137242002	URETHANE TUBE RED 6X4 2M U2-4-6X4	1
	400	137309268	BRAND NAME PLATE	1

TMH-3000C

307	425807K90	PLUG	1
308	130302032	RETAINING RING S-32	1
320	425808470	UNDER COVER	1
380	130802081	S-TYPE WIRE	2
381	138001015	CHANGE CORD 1.5M	2
382	136602625	GRIP (W)	1
383	136602626	GRIP (R)	1
384	136602627	HANDLE	1

※ make : PE TYPE ONLY