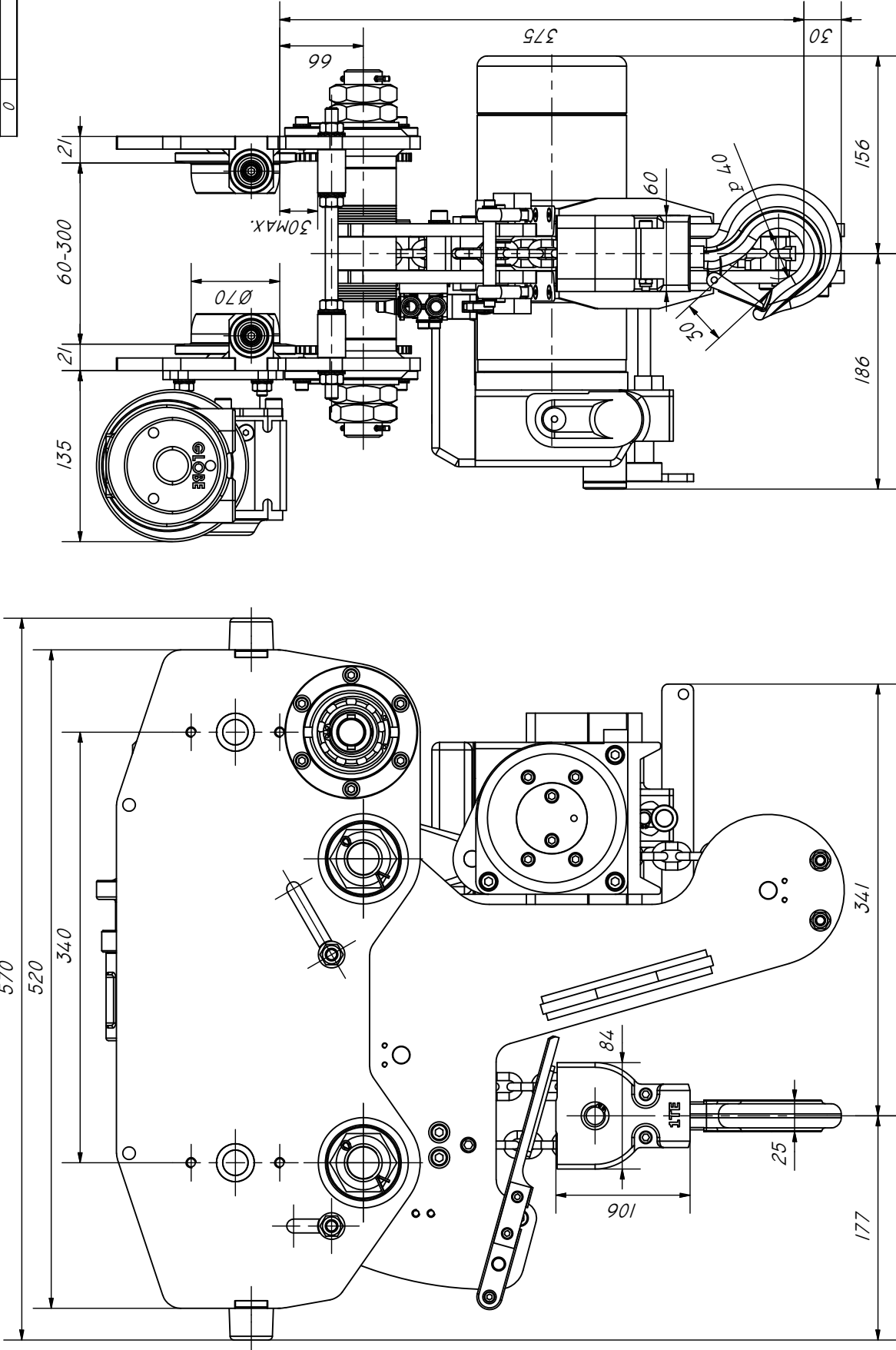


REVISION HISTORY		
REV.	DATE	APPROVED
0		



SCALE NOT TO SCALE		MATERIAL		TITLE OF PART		IT LOW HEADROOM HOIST		PART NUMBER	
		SURNAME		DATE		SIGNATURE		1 / 1	
DESIGNED BY		T. MIKOLAJEWSKI		23/10/2014				UNLESS OTHERWISE SPECIFIED	
DRAWN BY		T. MIKOLAJEWSKI		06/02/2018				ALL DIMENSIONS ARE IN MILLIMETERS	
CHECKED BY								TOLERANCES	
APPROVED BY		B. AITKEN						LINEAR	
SHEET SIZE				TITLE OF PROJECT		TCR-1000/2-LHR		UP TO 5 b 0.05	
A4								OVER 5 UP TO 50 b 0.1	
								OVER 50 UP TO 100 b 0.15	
								OVER 100 UP TO 500 b 0.2	
								OVER 500 UP TO 1000 b 0.3	
								OVER 1000 b 1	
								ANGULAR b 0.5°	
								SURFACE ROUGHNESS	
								IF IN DOUBT ASK	

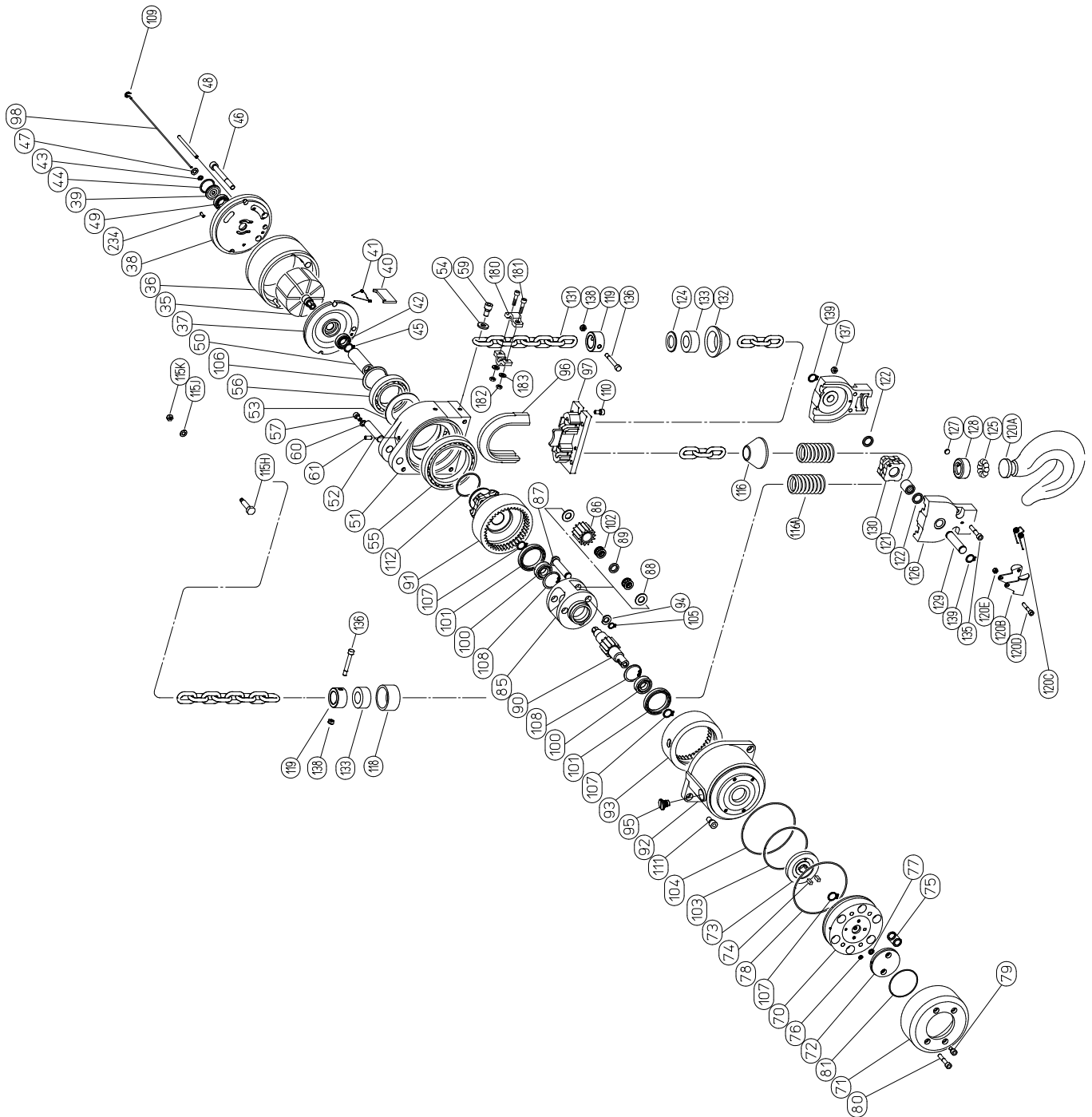


Fig. No.	Part Number	Part Name	Parts Per Hoist	Fig. No.	Part Number	Part Name	Parts Per Hoist
035	426224151	ROTOR	1	098	426224381	BRAKE TUBE	1
036	426224161	STATOR	1	100	130104003	BEARING 6002	2
037	426224171	FRONT PLATE	1	101	130112808	BEARING 6808	2
038	426224184	REAR PLATE	1	102	130170035	NEEDLE BEARING KT-121812	6
039	426224191	REAR RETAINER	1	103	131117042	O-RING AS568-042	1
040	137102120	VANE	8	104	131103055	O-RING S-105	1
041	130802235	LIFT SPRING	8	105	130302010	RETAINING RING S-10	3
042	130113002	BEARING 6902	1	106	130302045	RETAINING RING S-45	1
043	131103004	O-RING S-6	1	107	130302015	RETAINING RING S-15	3
044	131103023	O-RING S-29	1	108	130301032	RETAINING RING H-32	2
045	130302015	RETAINING RING S-15	1	109	130303005	RETAINING RING E-5	1
046	131708075	HEX SOCKET HEAD CAP SCREW M8X75	3	110	131706012	HEX SOCKET HEAD CAP SCREW M6X12	4
047	131307006	WASHER M6	1	111	131708016	HEX SOCKET HEAD CAP SCREW M8X16	3
048	130402051	KNOCK PIN	1	112	131103036	O-RING S-45	1
049	130104003	BEARING 6002	1	120	426221S2F	HOOK CP	1
050	426224200	COUPLING	1	120A	426221S20	SWIVEL HOOK	1
051	426224212	WHEEL HOUSING	1	120B	426221S30	HOOK SAFETY CLAW	1
052	426224220	HANGER PIN	1	120C	130802258	HOOK SPRING	1
053	426224230	SPACER	1	120D	131705035	HEX SOCKET HEAD CAP SCREW M5X36	1
054	426261R50	WASHER	1	120E	134501005	U-NUT M5	1
055	130113015	BEARING 6915	1	121	130172006	NEEDLE BEARING (NF-1420)	1
056	130104010	BEARING 6009	1	122	131204014	OIL SEAL (OS14203)	2
057	131706012	HEX SOCKET HEAD CAP SCREW M6X12	1	123	130802219	SPRING 30X55X5	2
059	131708025	hex socket head cap screw m8x25	1	124	426224C80	LIMIT WASHER	1
060	426221R50	WASHER	1	125	130502020	STEEL BALL 5/16	8
061	132108012	HEX SOCKET SET SCREW M8X12	1	126	426244590	HOOK CASE	1
070	426224401	BRAKE PISTON	1	127	420846PY0	SWIVEL HOOK PLUG	1
071	426224410	BRAKE COVER	1	128	420846PW0	SWIVEL HOOK OUTER RACE	1
072	426224421	PISTON COVER	1	129	426244600	WHEEL SHAFT	1
073	426224430	BRAKE DISC	1	130	426241U20	FREE CHAIN WHEEL	1
074	130408081	KEY	2	131	AHC63/80	LINK CHAIN 6.3	HOL
075	130802213	DISC SPRING	6	132	426224450	LIMIT LOCK	1
076	131103002	O-RING S-4	1	133	136206002	SHOCK ABSORBER	1
077	131101004	O-RING P-6	1	135	131706035	HEX SOCKET HEAD CAP SCREW M6X35	2
078	131103055	O-RING S-105	1	136	426224680	END BOLT	1
079	131706012	HEX SOCKET HEAD CAP SCREW M6X12	2	137	134501006	U-NUT M6	2
080	131706040	HEX SOCKET HEAD CAP SCREW M6X40	4	138	134501006	U-NUT M6	1
081	131117033	O-RING AS568-033	1	139	130302014	RETAINING RING S-14	2
085	426224240	CAGE	1	180	420620JF0	CHAIN DOWN STOPPER	2
086	426224250	STAR GEAR	3	181	131705022	HEX SOCKET HEAD CAP SCREW M5X22	2
087	426224260	PIN	3	182	134401005	HEX NUT M5	2
088	426224270	THRUST COLLAR	6	183	131301005	SPRING WASHER M5	2
089	426224280	RETAINER	3	234	130406005	PARALLEL PIN 4X10(H7)	2
090	426224290	PINION	1				
091	426224300	WHEEL	1				
092	426224312	GEAR CASE	1				
093	426224322	RING GEAR	1				
094	426224330	SPACER (P)	3				
095	426221K90	LOCK SCREW	1				
096	426224352	CHAIN GUIDE	1				
097	426224363	CHAIN SEPARATOR	1				

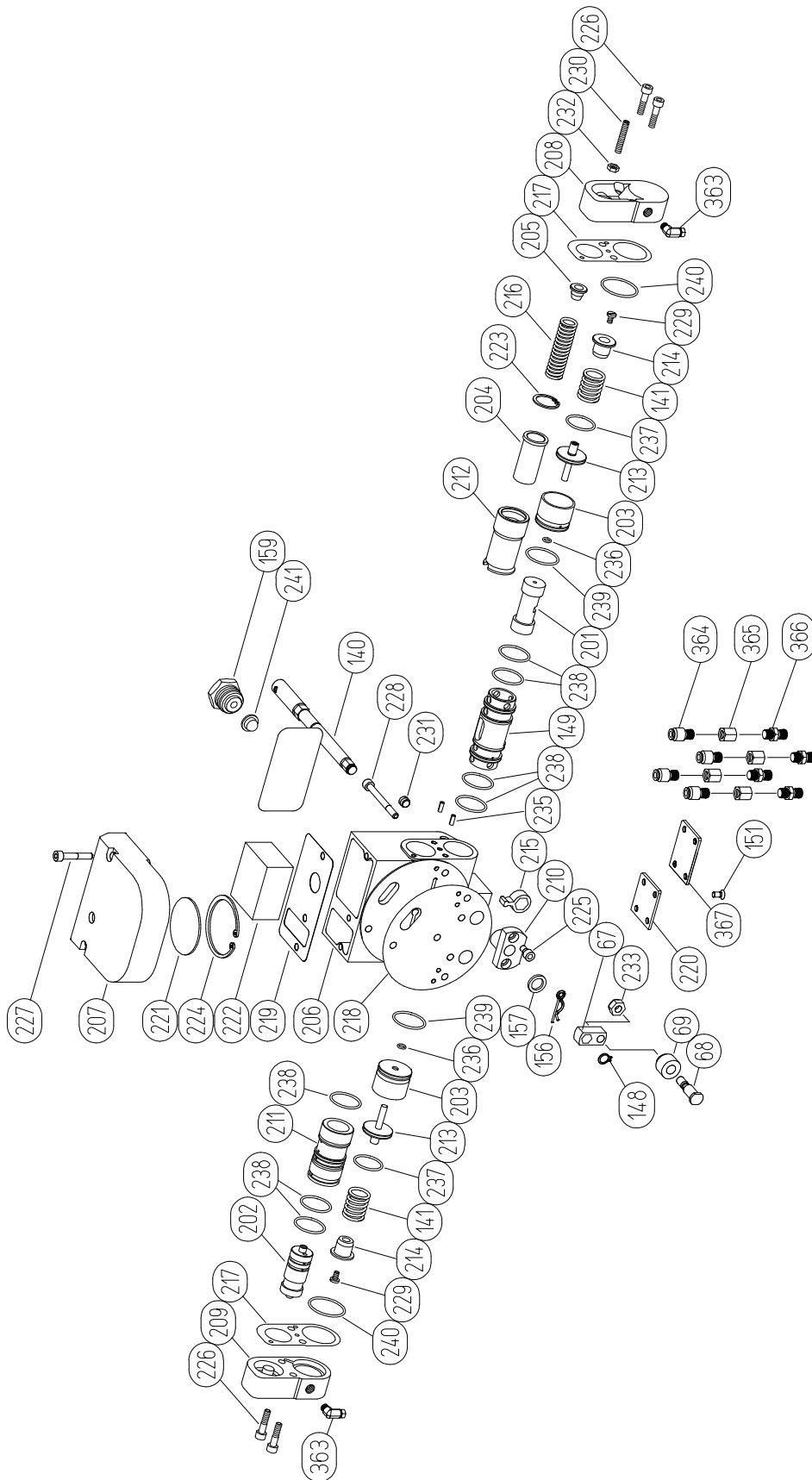
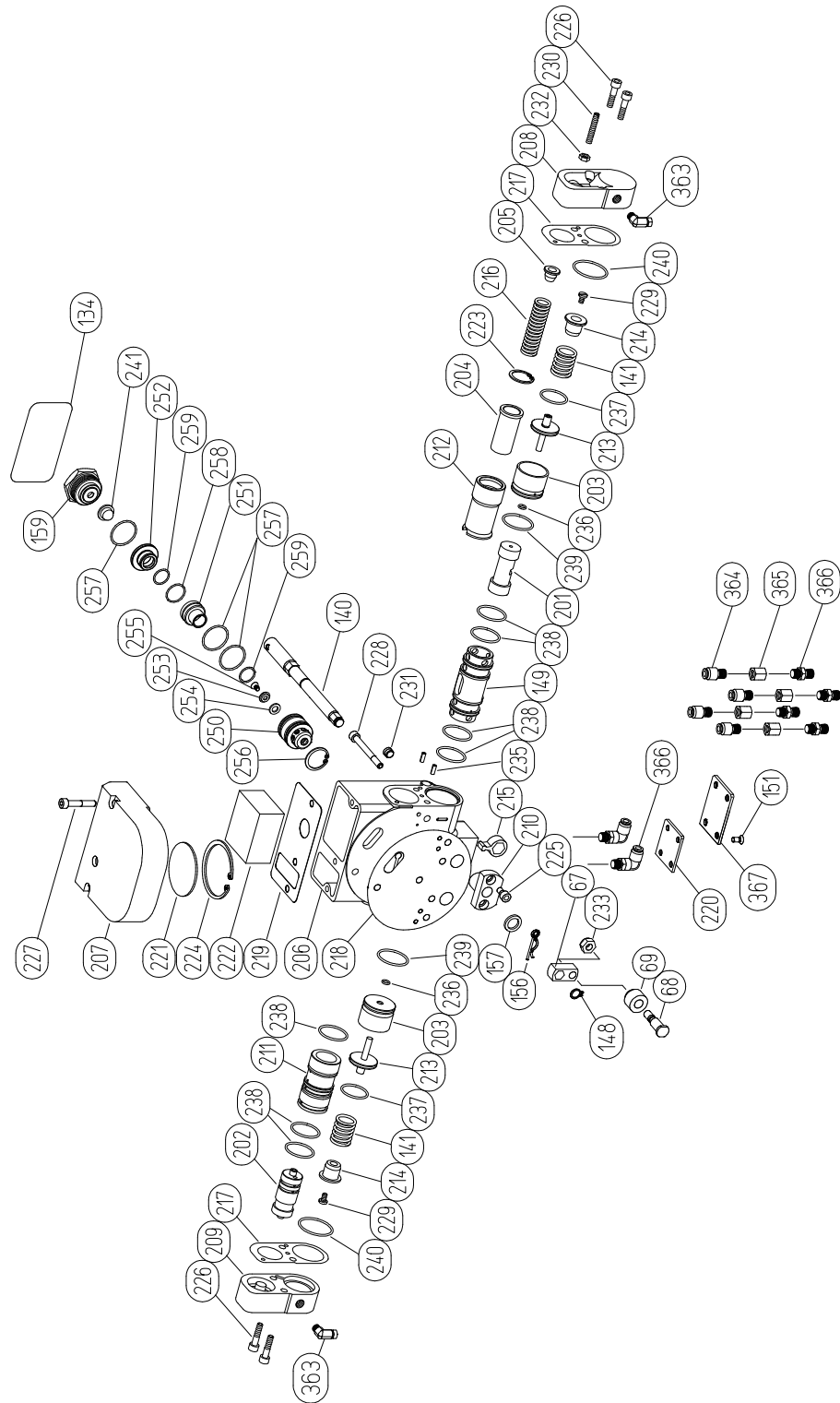


Fig. No.	Part Number	Part Name	Parts Per Hoist	Fig. No.	Part Number	Part Name	Parts Per Hoist
067	426224110	CHAIN LEVER	1	238	131103022	O-RING S-28	7
068	426224120	ROLLER SHAFT	1	239	131103024	O-RING S-30	2
069	426224130	LIMIT ROLLER	1	240	131103027	O-RING S-34	2
140	426224460	LIMIT SHAFT	1	241	136803032	1/2 NET SCREEN	1
141	130802217	SPRING 19.5X25X2.6	2	363	P091	1/8 BSP TO 6MM BANJO	2
148	130302010	RETAINING RING S-10	1	364	P087	1/8 BSP TO 6MM PUSH FIT	4
149	426224C30	MAIN BUSHING	1	365	P044	1/8 BSP FEMALE SOCKET	4
151	132805010	HEX FLAT HEAD MACHINE SCREW M5X10	4	366	P071/1	1/8 BSP HEX NIPPLE c/w 60° CONE	4
156	130790015	SNAP PIN 12	1	367A	COND/BRKT/HOIST	PENDANT BRACKET 9M BELOW	1
157	426325750	WASHER	1	367B	COND/BRKT/SYJA2	PENDANT BRACKET 10M ABOVE	1
159	134703060	INLET BUSHING	1	367C	DRG1354-05	PENDANT BRACKET 9M BELOW	1
201	426224013	MAIN SPOOL	1	367D	DRG1354-04	PENDANT BRACKET 10M ABOVE	1
202	426224021	BRAKE SPOOL	1				
203	426224C20	SPOOL CYLINDER	2				
204	426224041	BRAKE RETAINER	1				
205	426224051	BRAKE NUT	1				
206	426224063	VALVE BODY	1				
207	426224070	TOP COVER	1				
208	426224083	SIDE COVER (L)	1				
209	426224093	SIDE COVER (R)	1				
210	426224101	LIMIT GUIDE	1				
211	426224C40	BRAKE BUSHING	1				
212	426224C50	LIMIT BUSHING	1				
213	426224C60	SPOOL PISTON	2				
214	426224C70	SPRING SEAT	2				
215	426224140	LIMIT LEVER	1				
216	130802216	SPRING 15X59X2.4	1				
217	136102164	SIDE PACKING (N)	2				
218	136102161	VALVE PACKING	1				
219	136102162	TOP PACKING	1				
220	136102163	UNDER PACKING	1				
221	137402030	EXHAUST SILENCER	1				
222	137402031	NYLON SILENCER	1				
223	130301025	RETAINING RING H-25	1				
224	130301058	RETAINING RING H-58	1				
225	131706012	HEX SOCKET HEAD CAP SCREW M6X12	2				
226	131706025	HEX SOCKET HEAD CAP SCREW M6X25	4				
227	131706040	HEX SOCKET HEAD CAP SCREW M6X40	3				
228	131706060	HEX SOCKET HEAD CAP SCREW M6X60	3				
229	132405008	CROSS-RECESSED HEAD MACHINE SCREW M5X8	2				
230	132306035	HEX SOCKET SET SCREW M6X35	1				
231	134902003	HEX SOCKET PIPE PLUG 1/8	1				
232	134403006	HEX NUT M6	1				
233	134501008	U-NUT M8	1				
235	130604010	SPRING PIN 4X10	2				
236	131103004	O-RING S-6	2				
237	131103021	O-RING S-26	2				

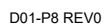
Built-In Mains Emergency Stop Valve Pendant Body - TCR-1000/2-LHR
17.09.15



Built-In Mains Emergency Stop Valve Pendant Body - TCR-1000/2-LHR
17.09.15

Fig. No.	Part Number	Part Name	Parts Per Hoist
067	426224110	CHAIN LEVER	1
068	426224120	ROLLER SHAFT	1
069	426224130	LIMIT ROLLER	1
134	137109078	NAME PLATE	1
140	426224460	LIMIT SHAFT	1
141	130802217	SPRING 19.5X25X2.6	2
148	130302010	RETAINING RING S-10	1
149	426224C30	MAIN BUSHING	1
151	132805010	HEX FLAT HEAD MACHINE SCREW M5X10	4
156	130790012	SNAP PIN 12	1
157	426325750	WASHER	1
159	426226G60	INLET BUSHING	1
201	426224013	MAIN SPOOL	1
202	426224021	BRAKE SPOOL	1
203	426224C20	SPOOL CYLINDER	2
204	426224041	BRAKE RETAINER	1
205	426224051	BRAKE NUT	1
206	426226060	VALVE BODY	1
207	426224070	TOP COVER	1
208	426224083	SIDE COVER (L)	1
209	426224093	SIDE COVER (R)	1
210	426224101	LIMIT GUIDE	1
211	426224C40	BRAKE BUSHING	1
212	426224C50	LIMIT BUSHING	1
213	426224C60	SPOOL PISTON	2
214	426224C70	SPRING SEAT	2
215	426224140	LIMIT LEVER	1
216	130802216	SPRING 15X59X2.4	1
217	136102164	SIDE PACKING (N)	2
218	136102161	VALVE PACKING	1
219	136102162	TOP PACKING	1
220	136102163	UNDER PACKING	1
221	137402030	EXHAUST SILENCER	1
222	137402031	NYLON SILENCER	1
223	130301025	RETAINING RING H-25	1
224	130301058	RETAINING RING H-58	1
225	131706012	HEX SOCKET HEAD CAP SCREW M6X12	2
226	131706025	HEX SOCKET HEAD CAP SCREW M6X25	4
227	131706040	HEX SOCKET HEAD CAP SCREW M6X40	3
228	131706060	HEX SOCKET HEAD CAP SCREW M6X60	3
229	132405008	CROSS-RECESSED HEAD MACHINE SCREW M5X8	2
230	132306035	HEX SOCKET SET SCREW M6X35	1
231	134902003	HEX SOCKET PIPE PLUG 1/8	1
232	134403006	HEX NUT M6	1
233	134501008	U-NUT M8	1
235	130604010	SPRING PIN 4X10	2
236	131103004	O-RING S-6	2
237	131103021	O-RING S-26	2

Fig. No.	Part Number	Part Name	Parts Per Hoist
238	131103022	O-RING S-28	7
239	131103024	O-RING S-30	2
240	131103027	O-RING S-34	2
241	136803032	1/2 NET SCREEN	1
250	426226G70	MAIN CUT BUSHING	1
251	426226G80	MAIN VALVE	1
252	426226G90	MAIN CUT CAP	1
253	426226H00	MAIN CUT HOLDER	1
254	136102167	MAIN CUT SEAT	1
255	132904208	CROSS RECESSED HEAD SCREWS M4X8	1
256	130301030	RETAINING RING H-30	1
257	131117023	O-RING AS568-023	3
258	131103016	O-RING S-20	1
259	131103014	O-RING S-16	2
363	P091	1/8 BSP TO 6MM BANJO	4
364	P087	1/8 BSP TO 6MM PUSH FIT	4
365	P044	1/8 BSP FEMALE SOCKET	4
366	P071/1	1/8 BSP HEX NIPPLE c/w 60° CONE	4
367A	COND/BRKT/HOIST	PENDANT BRACKET 9M BELOW	1
367B	COND/BRKT/SYJA2	PENDANT BRACKET 10M ABOVE	1
367C	DRG1354-05	PENDANT BRACKET 9M BELOW	1
367D	DRG1354-04	PENDANT BRACKET 10M ABOVE	1



Pendant - VRD-4R

Fig. No.	Part Number	Part Name	Parts Per Hoist
A	420218VB0	THROTTLE VALVE	4
B	420235VR0	VALVE BODY	1
C	420218VF0	BUSHING	4
D	420235X40	BUTTON	4
E	130802036	SPRING 6X18X0.32	4
F	420235W50	FRONT CASE	1
G	420235W60	REAR CASE	1
H	136608256	BOOT	1
J	420235VM0	ADJUST SCREW	1
K	131705310	HEX SOCKET HEAD CAP SCREW M5X10	1
L	132404114	PHILLIPS HEAD MACHINE SCREW M5X14	4
M	132904221	SELF TAPPING SCREW 4X20	6
N	132105305	HEX SOCKET HEAD CAP SCREW M5X5	4
P	131309206	WASHER M6	1
Q	130301912	RETAINING RING H-12	1
R	131109001	O-RING S-3 (HS90°)	4
S	131103005	O-RING S-7	1
T	131103008	O-RING S-10	4
U	131103009	O-RING S-11.2	4
V	420224V61	EMERGENCY VALVE	1
W	420228V50	EMERGENCY BUSHING	1
X	136690503	EMERGENCY SWITCH	1
Y	420228W00	PUSH ROD	1
Z	131103002	O-RING S-4	2
AA	131103004	O-RING S-6	2
AB	131103008	O-RING S-10	1
AC	131103009	O-RING S-11.2	2
AD	130303204	RETAINING RING E-4	1
AE	131307105	WASHER M5	1
AF	P128	1/8 BSP COMPACT ELBOW C/W 60° CONE	4
AG	P071/1	1/8 BSP NIPPLE C/W 60° CONE	2
AH	P016/1	1/8 BSP TO 1/4 HOSETAIL SWIVEL	12
AJ	P002/1	1/4 HOSE FERRULE	12
AL		STRAINER WIRE	1
AK	1/4-HOSE	1/4 ANTI STATIC RUBBER HOSE	6