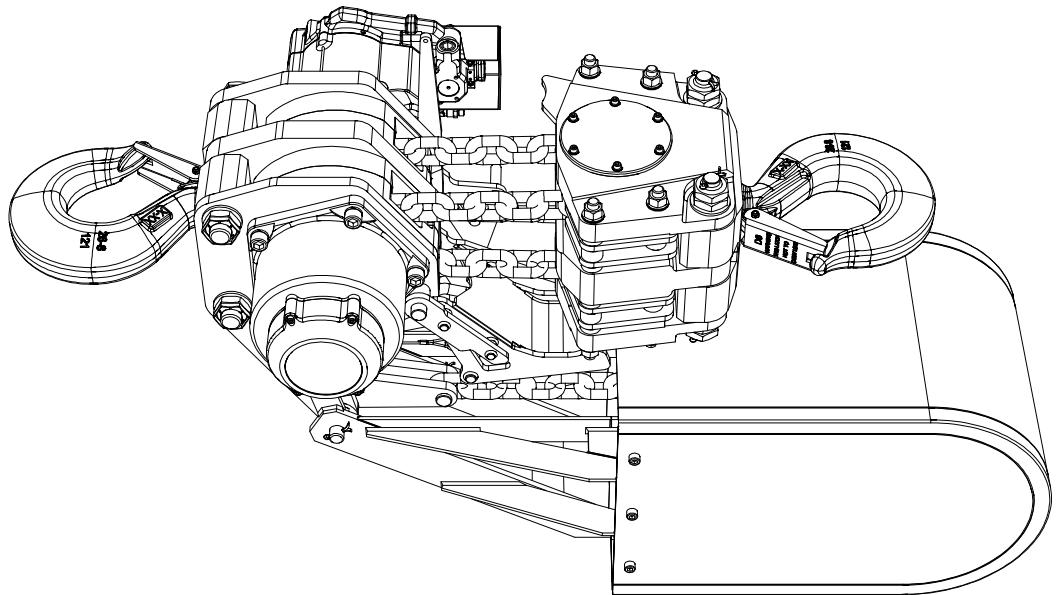
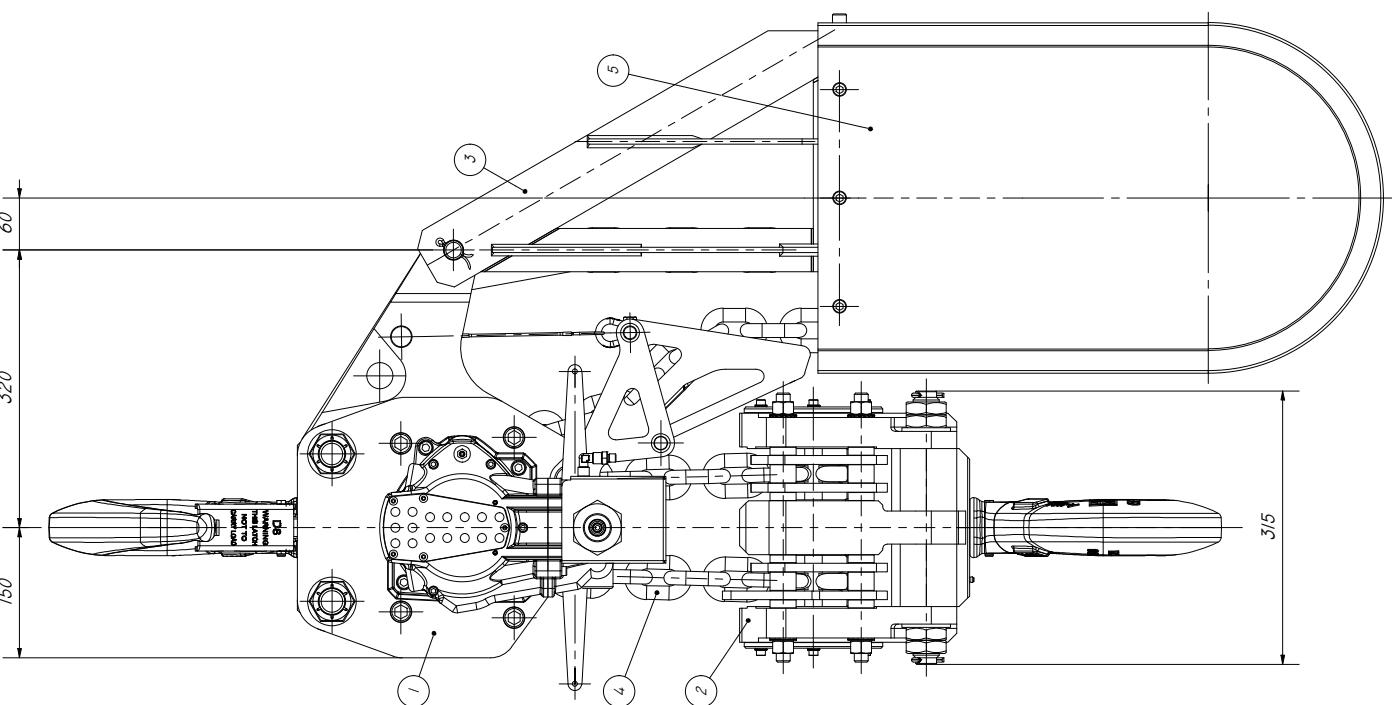
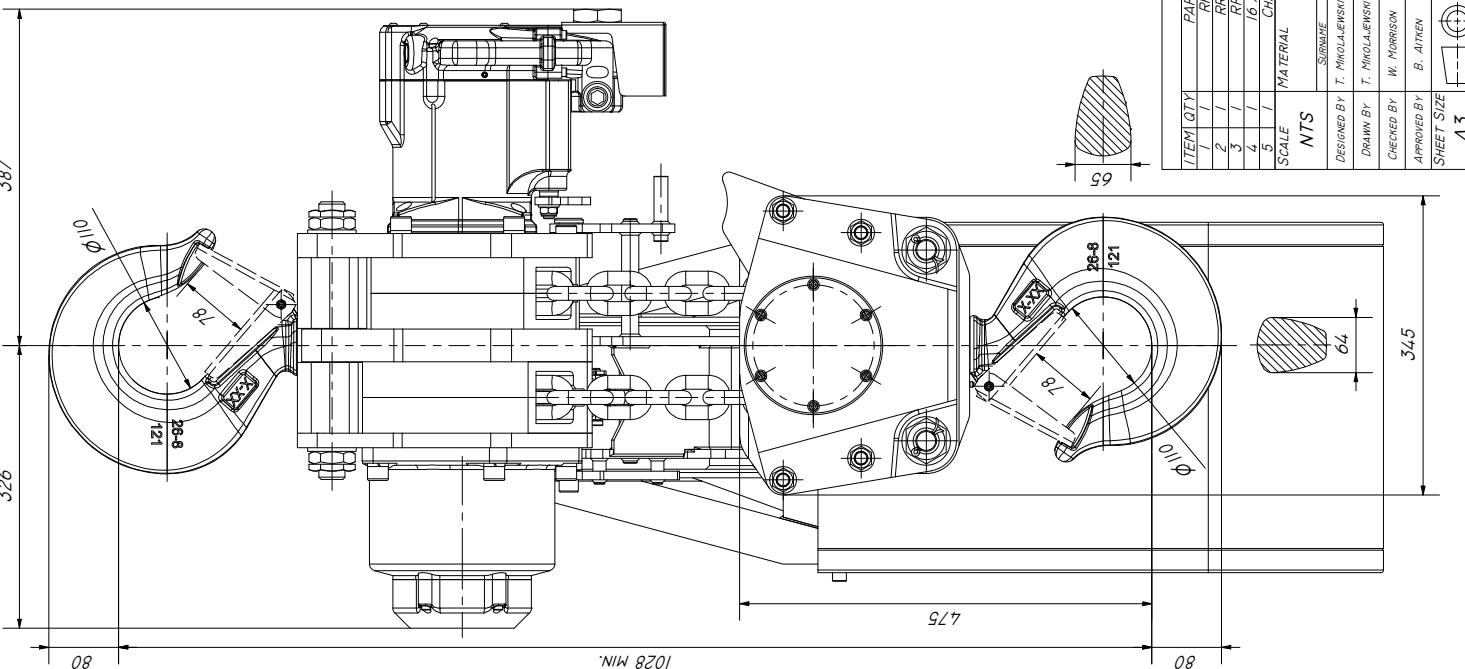


REVISION HISTORY
REV. 0 DATE 02/12/2020 APPROVED B. AITKEN

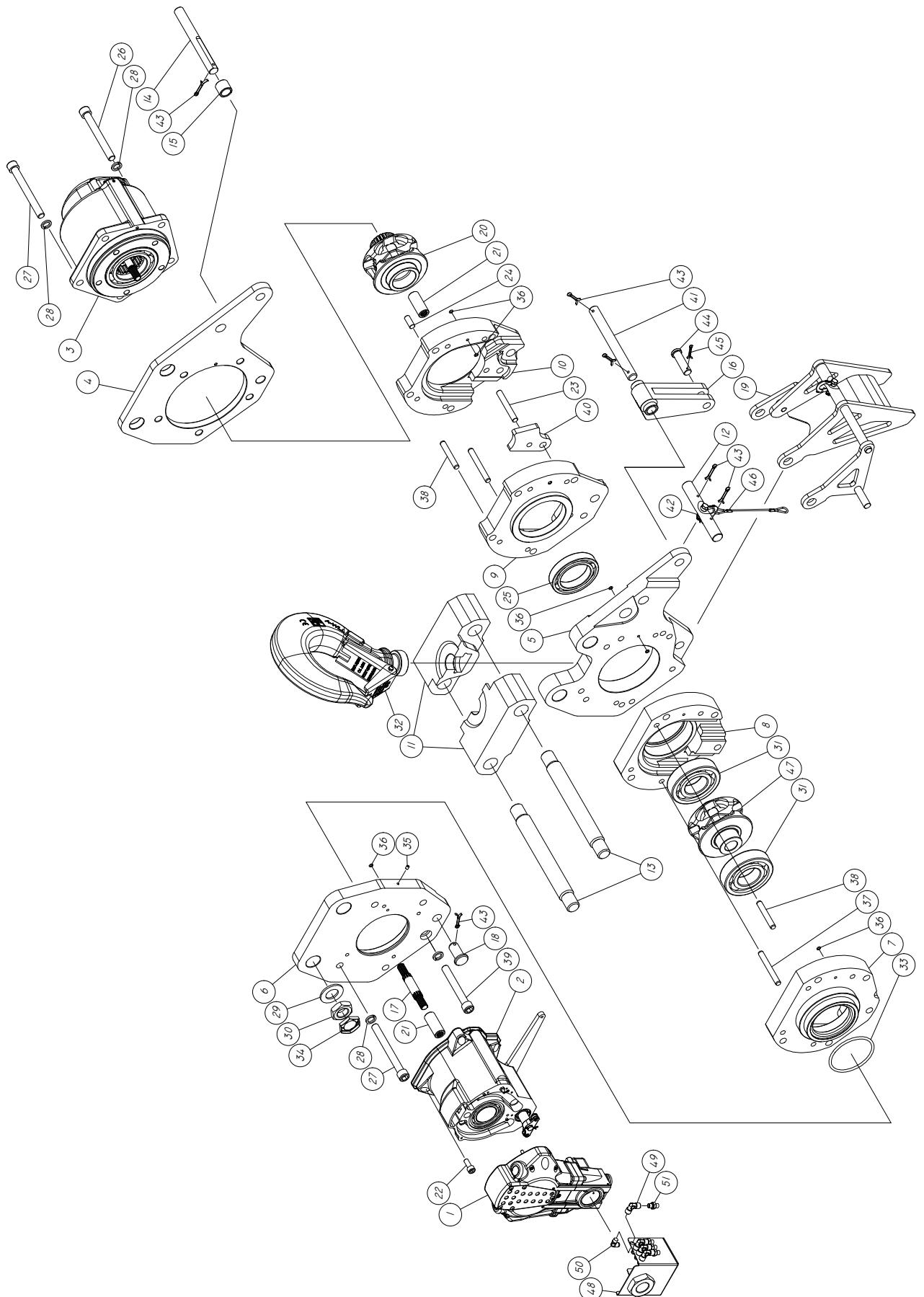


ITEM	QTY	PART NUMBER	DESCRIPTION	REV.
1	1	RRL 1591-01	DRIVE UNIT	0
2	1	RRL 1591-02	BOTTOM BLOCK	0
3	1	RRL 1591-04	TMH20 LIFTING BUCKET BRACKET	0
4	1	16 X 45 CHAIN	HOLD CHAIN	0
5	1	MATERIAL CHAIN BUCKET	STEEL CHAIN BUCKET 20KG/CLM OR 60/160MM PART NUMBER RRL 1591-00	0

PARTS LIST
GENERAL ASSEMBLY
TITLE OF PART RRL 1591-00
REV. 2 / 2
RED ROOSTER LIFTING
DATE 15/10/2020
UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS
13. GEOMETRIC
UP TO 5.4% OF
OVER 5.4% TO 10%
OVER 10% TO 15%
OVER 15% TO 20%
OVER 20% TO 30%
OVER 30% ANGULAR ± 0.5°
SURFACE ROUGHNESS NO/IF IN DOUBT T. ISK

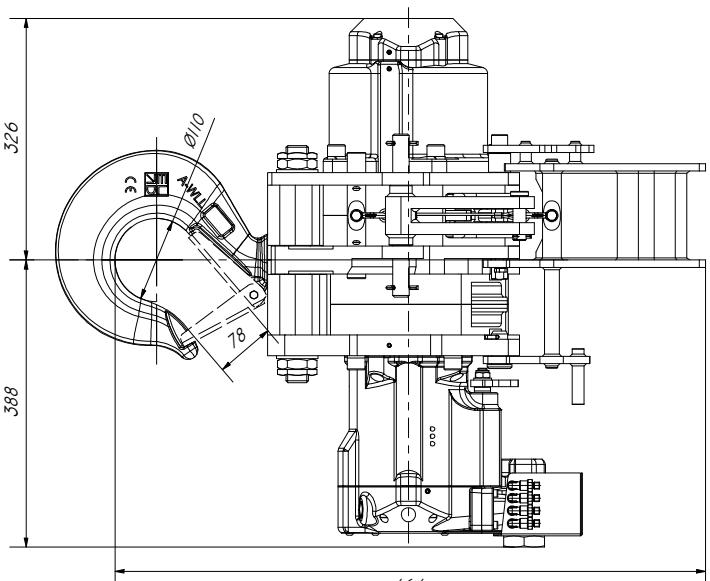
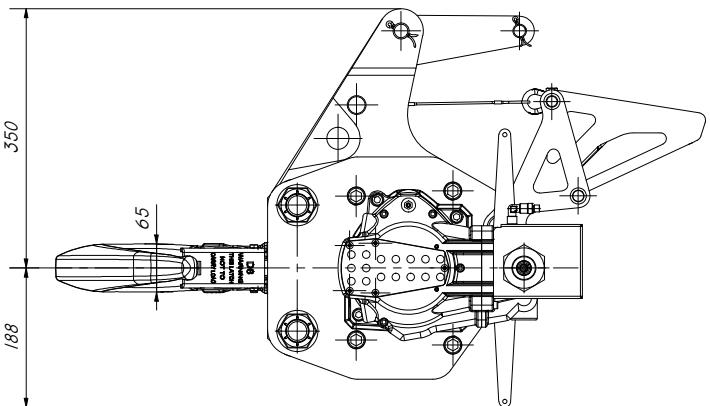
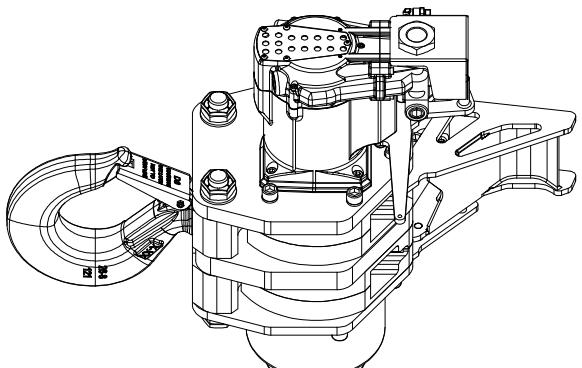
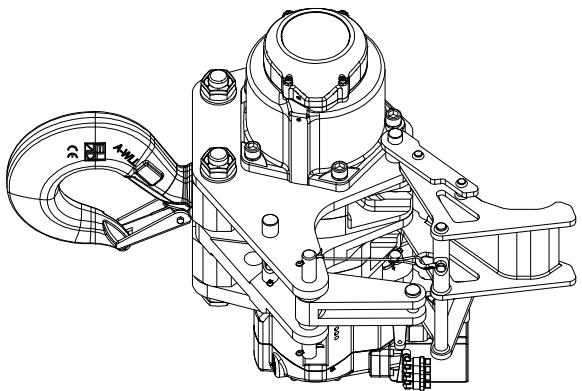


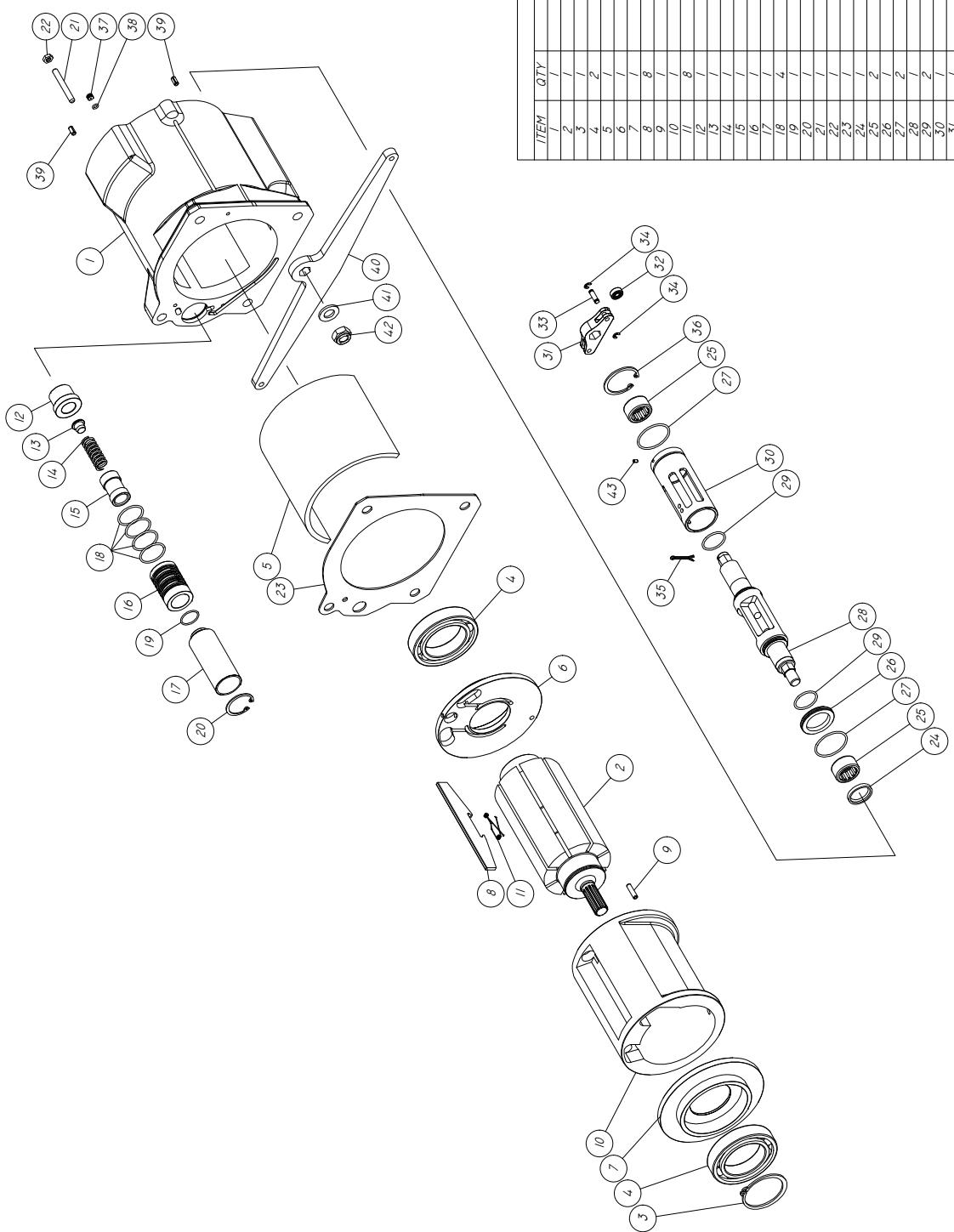
REVISION HISTORY
REV. 0 DATE 02/12/2020 APPROVED B. AITKEN



PART NUMBER		RRL 1591-01			
1 / 2		UNLESS OTHERWISE SPECIFIED			
ALL DIMENSIONS ARE IN MILLIMETERS					
TOLERANCES					
LINEAR	±0.05	UP TO 5MM			
OVER 5MM UP TO 10MM	±0.10	OVER 10MM UP TO 15MM			
OVER 15MM UP TO 20MM	±0.15	OVER 20MM UP TO 25MM			
OVER 25MM UP TO 30MM	±0.20	OVER 30MM UP TO 40MM			
OVER 40MM UP TO 50MM	±0.25	OVER 50MM UP TO 75MM			
OVER 75MM UP TO 100MM	±0.30	OVER 100MM ± 0.5			
ANGULAR ± 0.5°		SURFACE ROUGHNESS			
IF IN DOUBT T. ASR		/			
SCALE	NTS	MATERIAL	TITLE OF PART	DRIVE UNIT	DATE
		(or equivalent)	SURNAME DATE SIGNATURE		
DESIGNED BY	T. MINKA JENKINS	07/02/2020			
DRAWN BY	O. MORGAN	19/11/2020			
CHECHED BY	W. MORRISON	20/11/2020			
APPROVED BY	B. AITKEN	23/11/2020			
SHEET SIZE	A3		TITLE OF PROJECT	TMH120 - 20T 4F AH	

PARTS LIST				REV.
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	TMH-10 CV	CONTROL VALVE	
2	1	TMH-10 AM	AIR MOTOR	
3	1	TMH-10 CB	GEAR BOX	
4	1	RRL 1591-06	GEAR BOX PLATE	0
5	1	RRL 1591-07	ROD PLATE	0
6	1	RRL 1591-08	MOTOR PLATE	0
7	1	RRL 1591-16	CHAIN GUIDE	0
8	1	RRL 1591-17	CHAIN GUIDE-2	0
9	1	RRL 1591-18	CHAIN GUIDE-3	0
10	1	RRL 1591-19	CHAIN GUIDE-4	0
11	2	RRL 1591-20	HOOK HOUSING	0
12	1	RRL 1591-28	DEAD END STRIKER SUPPORT PIN	0
13	2	RRL 1591-29	ROD LOAD BAR	0
14	1	RRL 1591-30	ANCHOR PIN	0
15	1	RRL 1591-31	LIMIT STRIKER SPACER	0
16	1	RRL 1591-32	CHAIN END CONNECTOR	0
17	1	RRL 1591-34	TRANSFER SHAFT	0
18	1	RRL 1591-36	CLEVIS PIN WITH HEAD (22X4.5)	0
19	1	RRL 1591-37	KNOCK PIN	0
20	1	RRL 1591-03	LOWER LIMIT SPACER	0
21	2	4226022450	LOAD SHEAVE COUPLING	
22	4	422602025	HEXAGON SOCKET HEAD CAP SCREW M10x25	
23	1	422602040	CHAIN SEPARATOR PIN	
24	3	422601060	HEXAGON SOCKET HEAD CAP SCREW M10x40	
25	1	301050105	HEXAGON SOCKET HEAD CAP SCREW M10x40	
26	1	313761640	HEXAGON SOCKET HEAD CAP SCREW SPRING IN SHEER NUT	
27	8	ISO 4627-2 - M16 X 50	WASHER	
28	10	ISO 1310016	HEX NUT	
29	4	DIN 125 - A - 31		
30	4	ISO 24055 - M30		
31	2	DIN 625 - SFR 631-27	DEEP GROOVE BALL BEARING SINGLE ROW WITH TWO SHIELDS SFR	0
32	1	RRL 1591-37	20T HOOK	0
33	1	313761640	M30 SELF-LOCKING NUT	
34	4	DIN 7267-2 M30	HEXAGON SOCKET SET SCREW	
35	1	DIN 913 - M6 X 8	O-RING S-7	
36	1	313103505	PARALLEL PIN	
37	6	ISO 2338 - 2488 X 100	PARALLEL FIN	
38	4	ISO 2338 - 1248 X 80	HEXAGON SOCKET HEAD CAP SCREW	
39	1	ISO 4627 - M16 X 120	CHAIN SEPARATOR	0
40	1	RRL 1591-54	DEAD END SUPPORT FIN	0
41	1	RRL 1591-55	0.5T BOW SHACKLE	0
42	2	42260106	SPLIT PIN 5x35	
43	0	30270505	CHAIN END PIN	
44	1	4226010X0	SPLIT PIN 4x32	
45	1	30270402	LIMIT STRIKER SUPPORT ROPE	0
46	1	RRL 1591-56	10x5 CHAIN SOCKET WHEEL	0
47	1	RRL 1591-01	PENDANT CHAIN (TMH-3000 & TMH-10)	0
48	4	FEB-01	1/8" BSP MALE TO MM PUSH FIT ELBOW	
49	4	KF22-06-00NS	1/8" MALE TO 1/8" MALE NIPPLE	
50	4	KF22-06-00NS	1/8" MALE TO 1/8" MALE NIPPLE	
51	4	KF22-06-00NS	1/8" MALE TO 1/8" MALE NIPPLE	
SCALE	N/A	MATERIAL (or equivalent)	DRIVE UNIT	PART NUMBER RRL 1591-01
NTS	SURFACE	DATE	SIGNATURE	2 / 2
DESIGNED BY:	T. MORAL-AVILAN	07/10/2020		ONE OF THE THREE REQUIRED ALL OTHERS ARE UNLAWFUL
DRAWN BY:	O. MORGAN	19/03/2020		TECHNICAL DRAWINGS UP TO 5' x 10' OR 10' x 20' OR OVER 10' x 20' OTHER UP TO 10' x 25' OVER 10' x 25' ANGULAR UP TO 15° IF IN DOUBT ASK
CHECKED BY:	W. MORRESON	20/11/2020		REPLACES DRAWING
APPROVED BY:	B. ARTHEN	23/11/2020		-
Sheet Size	A3	Title of Project	Profile E Number	-
		TMH20 - 20T 4F AH		





PARTS LIST					
ITEM	QTY	PART NUMBER	DESCRIPTION	REV.	REV.
1	1	425806190	MOTOR CASE		
2	1	425806150	RETAINING RING S-50		
3	1	130302050	ROTOR		
4	2	130106011	BEARING 6010		
5	1	425806108	SILENCER M CP		
6	1	425806180	REAR PLATE		
7	1	425806170	FRONT PLATE		
8	3	13702035	VANE		
9	1	131605020	SPRING PN 51220		
10	1	425806160	CYLINDER		
11	8	130802235	LIFT SPRING		
12	1	425806160	LIMIT RETAINER B		
13	1	426302750	SPRING SEAT		
14	1	130802226	SPRING 3X072		
15	1	425806160	LIMIT SPOOL		
16	1	425806130	LIMIT SPOOL BUSHING		
17	1	425806150	LIMIT RETAINER F		
18	4	130302022	O-RING S-28		
19	1	131103016	O-RING S-20		
20	1	130301032	RETAINING RING H-32		
21	1	13123006050	HEX SOCKET HEAD CAP SCREW M6x50		
22	1	131603016	HEX NUT M6		
23	1	136102180	MOTOR GASKET		
24	1	131246003	DUST SEAL OS22224		
25	2	130103216	NEEDLE BEARING TA2152		
26	1	425806190	LIMIT WASHER		
27	2	131010329	LIMIT SHAFT		
28	1	425806160	O-RING S-26		
29	2	131010321	LIMIT SHAFT BUSHING		
30	1	425806160	LIMIT LEVER		
31	1	130103013	BEARING 6052Z		
32	2	130103013	ROLLER SHAFT		
33	4	130302020	RETAINING RING E-4		
34	1	130303004	SPLIT PIN 2.5x25		
35	1	130302125	RETAINING RING H-40		
36	1	130301040	LIMIT PLUG		
37	1	425806170	O-RING S-20		
38	1	131010303	SPRING PN 510		
39	2	130605010	CORD LEVER		
40	1	425806140	WASHER M12		
41	1	133010012	UNIT M12		
42	1	134501012	SPRING PN 345		
43	1	130605005	SPRING PN 10		

SCALE	NTS	MATERIAL (or equivalent)	TITLE OF PART	AIR MOTOR	PART NUMBER
					TMH-10 AM
					1 / 1
					UNLESS OTHERWISE SPECIFIED
					ALL DIMENSIONS ARE IN MILLIMETERS
					LINEAR
					OVER 5 up to 10 mm ± 0.5 mm
					OVER 10 up to 20 mm ± 0.5 mm
					OVER 20 up to 50 mm ± 0.5 mm
					OVER 50 up to 100 mm ± 0.5 mm
					OVER 100 mm ± 0.5 mm
					ANGULAR # 0.5°
					SURFACE ROUGHNESS
					IF IN DOUBT ASM



1/2

1/4

1/8

1/16

1/32

1/64

1/128

1/256

1/512

1/1024

1/2048

1/4096

1/8192

1/16384

1/32768

1/65536

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1/262144

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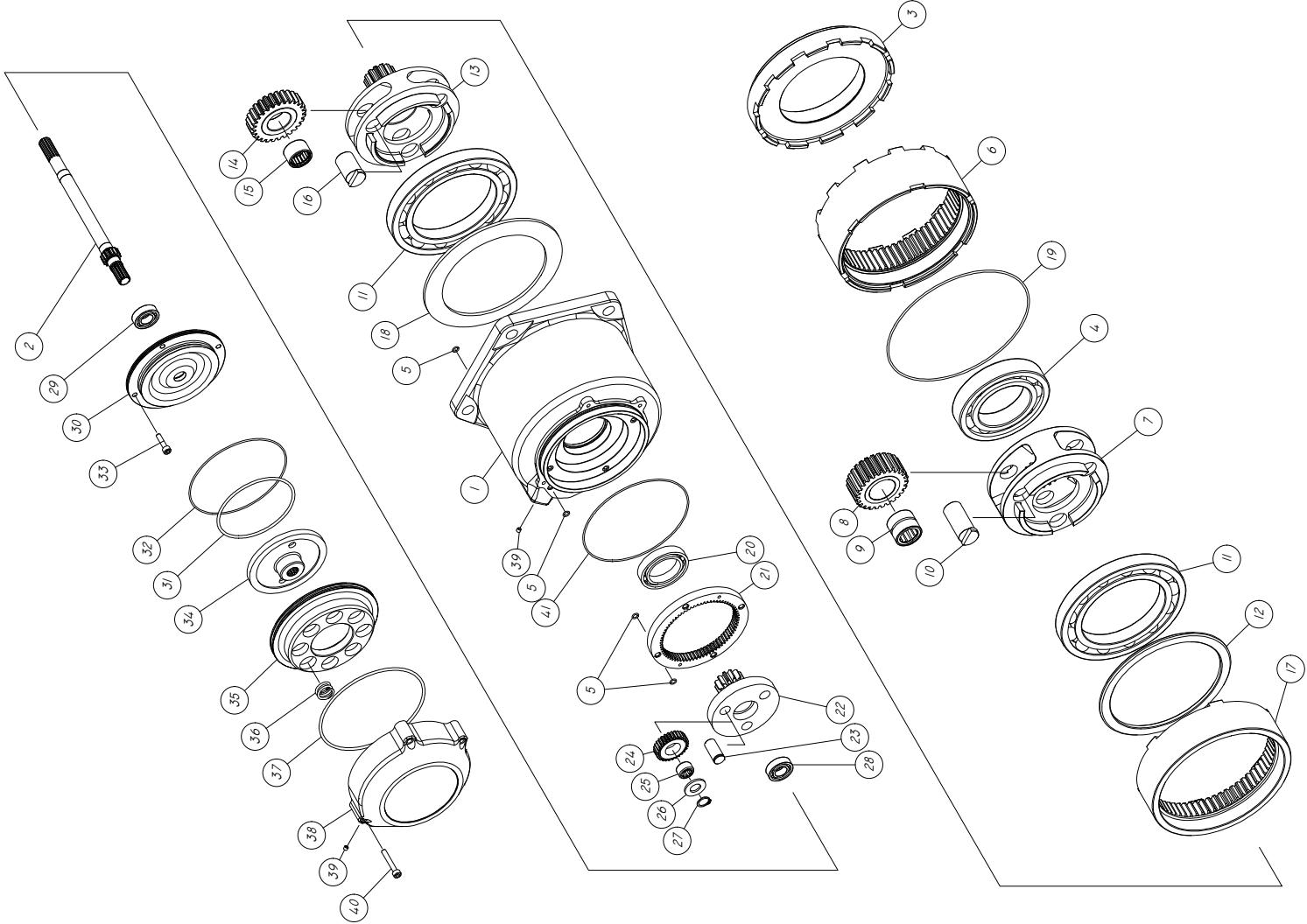
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PARTS LIST

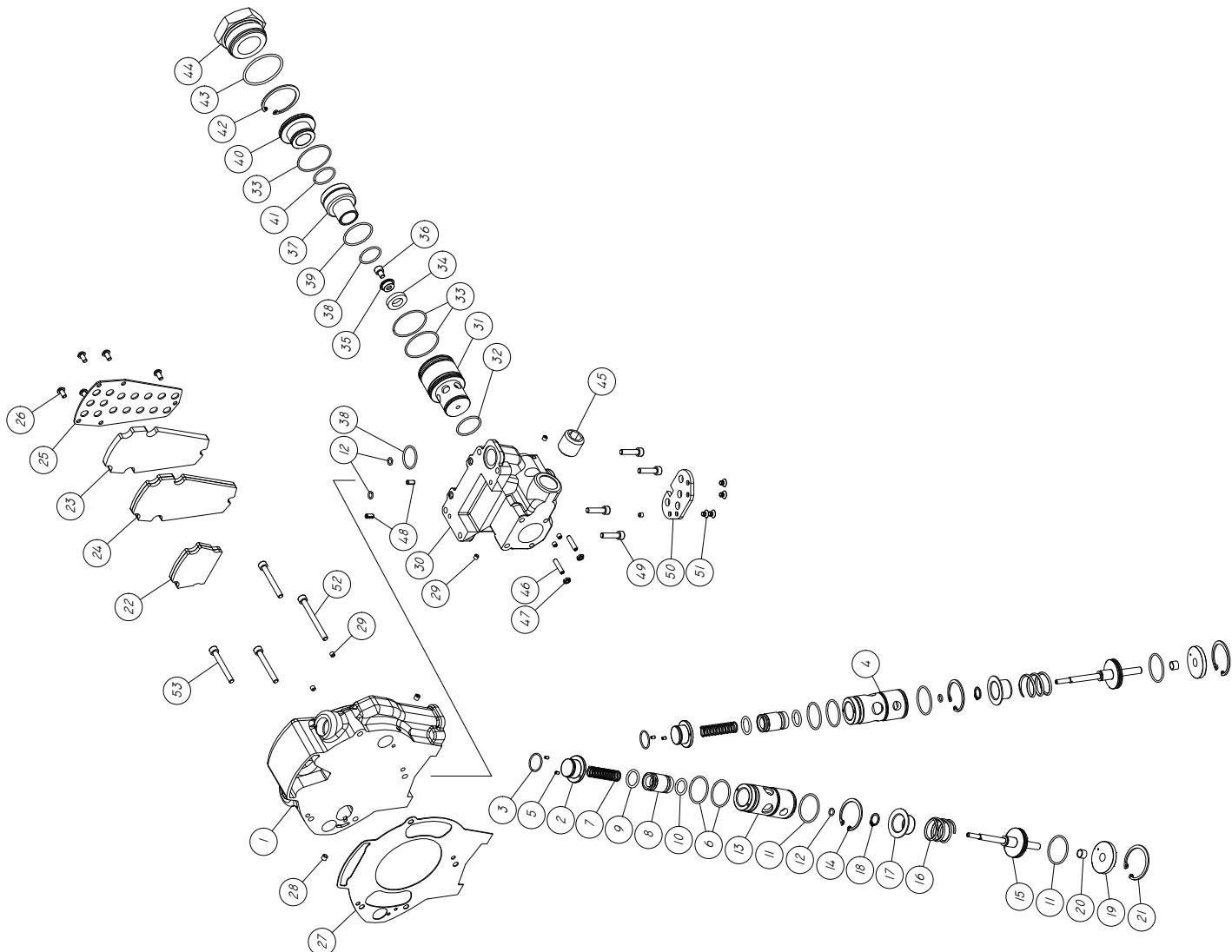
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1	1	425828310	GEAR CASE	
2	1	425828460	FIRST PINION	
3	1	426301080	CHAIN GUIDE COVER	
4	1	130115215	BEARING 6015 DDU	
5	10	131013205	O-RING S-7	
6	1	425301060	THIRD INTERVAL GEAR	
7	1	425828240	CAGE	
8	3	425828450	THIRD STAR GEAR	
9	3	130180204	NEEDLE BEARING RVAG604	
10	3	426301050	THIRD IDLE GEAR SHAFT	
11	2	130161624	BEARING 16024	
12	1	426301060	INTERNAL GEAR SPACER	
13	1	425828420	THIRD PINION	
14	3	425828550	SECOND STAR GEAR	
15	3	130152220	NEEDLE BEARING TA520	
16	3	426301050	SECOND IDLE GEAR SHAFT	
17	1	426301060	SECOND INTERNAL GEAR	
18	1	426301050	CONED DISK SPRING	
19	1	131117170	O-RING AS168-170	
20	1	13013609	WASHER M14	
21	1	425828410	RETAINING RING S-15	
22	1	425828420	FIRST RING GEAR	
23	3	425826430	SECOND PINION	
24	3	130162470	FIRST STAR GEAR	
25	3	13015153	NEEDLE BEARING TA1522	
26	3	131307014	O-RING S-135	
27	3	130132015	HEX SOCKET HEAD CAP SCREW M6x25	
28	1	130104004	BRAKE DISC	
29	1	130106004	BRAKE PISTON	
30	1	425826900	SPRING 20.5x22.9x2.9	
31	1	13111242	BRAKE PLATE	
32	1	13103063	O-RING AS168-212	
33	4	131706025	HEX SOCKET SET SCREW M5x5	
34	1	425806440	BRAKE DISC	
35	1	425806440	BRAKE PISTON	
36	8	130802229	SPRING 20.5x22.9x2.9	
37	1	13111255	O-RING AS168-255	
38	1	425826410	BRAKE COVER	
39	2	13105005	HEX SOCKET SET SCREW M6x20	
40	4	131706020	HEX SOCKET HEAD CAP SCREW M6x20	
41	1	13103065	O-RING S-145	

ITEM	QTY	PART NUMBER	DESCRIPTION	REV.
1	1	TMH-10 GB	GEAR BOX	
2	1	1 / 1	SIGNATURE	
3	1	1 / 1	SIGNATURE	
4	1	1 / 1	SIGNATURE	
5	1	1 / 1	SIGNATURE	
6	1	1 / 1	SIGNATURE	
7	1	1 / 1	SIGNATURE	
8	1	1 / 1	SIGNATURE	
9	1	1 / 1	SIGNATURE	
10	1	1 / 1	SIGNATURE	
11	1	1 / 1	SIGNATURE	
12	1	1 / 1	SIGNATURE	
13	1	1 / 1	SIGNATURE	
14	1	1 / 1	SIGNATURE	
15	1	1 / 1	SIGNATURE	
16	1	1 / 1	SIGNATURE	
17	1	1 / 1	SIGNATURE	



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
OVER 5 up to 0.05
OVER 15 up to 0.1
OVER 25 up to 0.2
OVER 50 up to 0.5
OVER 100 up to 1.0
OVER 200 up to 2.0
OVER 500 up to 5.0
OVER 1000 up to 10.0
OVER 2000 up to 20.0
OVER 5000 up to 50.0
OVER 10000 up to 100.0
OVER 20000 up to 200.0
OVER 50000 up to 500.0
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OVER 500 up to 500.0
OVER 1000 up to 1000.0
OVER 2000 up to 2000.0
OVER 50000000

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	J25006060	VALVE BODY
2	2	J250060630	BUSH CAP
3	2	J3103016	O-RING S-20
4	1	J25806700	VALVE BUSHING (D)
5	4	J30603005	SPRING PN 3x5
6	4	J3103024	O-RING S-30
7	2	J30802227	SPRING II/4x4x1/4
8	2	J25806180	TURBOLE VALVE
9	2	J311715	O-RING AS668-15
10	2	J311815	O-RING AS68-15 (HS90)
11	4	J3103026	O-RING S-32
12	4	J3103005	O-RING S-7
13	1	J25806590	VALVE BUSHING (U)
14	2	J3030036	RETAINING RING H-36
15	2	J25806160	PISTON
16	2	J30802228	SPRING 2x13x2.6
17	2	J25806270	SPRING SEAT
18	2	J30302012	RETAINING RING S-12
19	2	J25806220	VALVE CAP
20	2	J3026001	BEARING KSB007
21	2	J3030040	RETAINING RING H-20
22	2	J37402055	SILENCER (SS)
23	1	J37402057	SILENCER (S)
24	2	J25806250	EXHAUST PLATE
25	1	J25806810	HEX SOCKET BUTTON HEAD SCREW M5x10
26	5	J3905010	MAIN CUT SEAT
27	1	J3602017	HEX SOCKET SET SCREW M6x16
28	2	J3210606	HEX SOCKET SET SCREW M5x8
29	8	J32105005	UNDER COVER
30	1	J2580670	MAIN CUT BUSHING
31	2	J25806670	O-RING S-35
32	1	J3103023	MAIN CUT CAP
33	3	J3103030	O-RING AS568-30
34	1	J3610273	MAIN CUT SEAT
35	1	J25806700	RETAINING RING H-17
36	1	J31706508	HEX SOCKET HEAD CAP SCREW M6x8
37	1	J25806680	MAIN CUT VALVE
38	2	J3103020	O-RING S-25
39	1	J32105028	HEX SOCKET SET SCREW M5x22
40	1	J25806590	HEX NUT M5
41	1	J3103021	O-RING S-26
42	1	J3030047	RETAINING RING H-17
43	1	J31707154	HEX SOCKET HEAD CAP SCREW M6x25
44	1	J25806508	CROSS-RECESSED HEAD SCREW M5x8
45	1	J34902011	HEX SOCKET HEAD CAP SCREW M6x25
46	2	J32105022	HEX SOCKET SET SCREW M5x22
47	2	J3140503205	HEX NUT M5
48	2	J30605020	O-RING S-26
49	4	J31706025	SPRING IN 5x10
50	1	J37402060	HEX SOCKET HEAD CAP SCREW M6x25
51	4	J32105026	REPLACES DRAWING
52	1	J31706065	HEX SOCKET HEAD CAP SCREW M6x25
53	3	J31706050	PROFILE NUMBER



1 / 1
UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
OVER 15 mm ± 0.5 mm
OVER 5 mm ± 0.1 mm
OVER 500 mm ± 0.5 mm
OVER 5000 mm ± 0.5 mm
ANGULAR ± 0.5°
SURFACE ROUGHNESS
IF IN DOUBT ASM



TITLE OF PROJECT

Δ3

SCALE

NTS

MATERIAL

(or equivalent)

SURNAME

DATE

SIGNATURE

RED ROOSTER

DATE

19/11/2020

LIFTING

REVISION

0

WEIGHT

13 / KG

REPLACES DRAWING

-

PROFILE NUMBER

-

SURFACE ROUGHNESS

IF IN DOUBT ASM

-

REPLACES DRAWING

-

PROFILE NUMBER

-

SURFACE ROUGHNESS

IF IN DOUBT ASM

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REPLACES DRAWING

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PROFILE NUMBER

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PROFILE NUMBER

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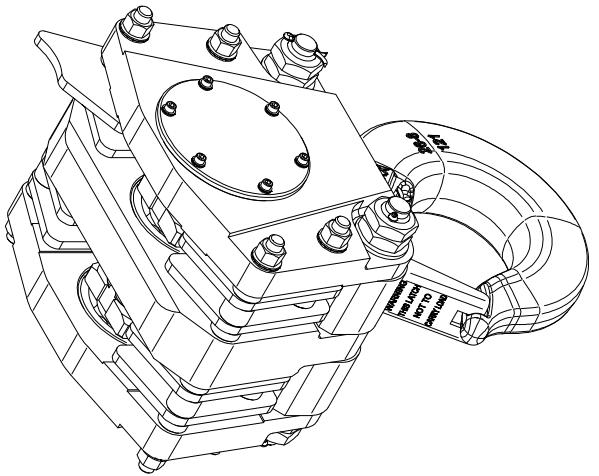
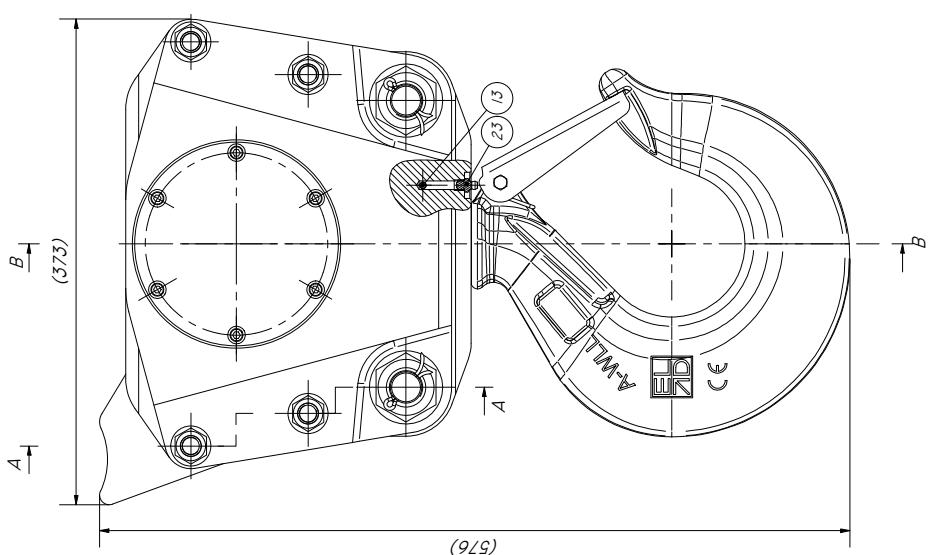
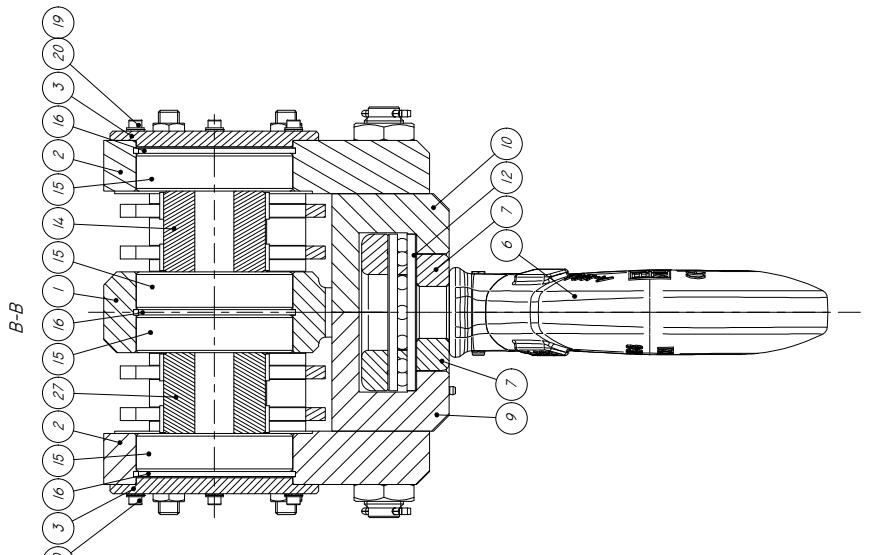
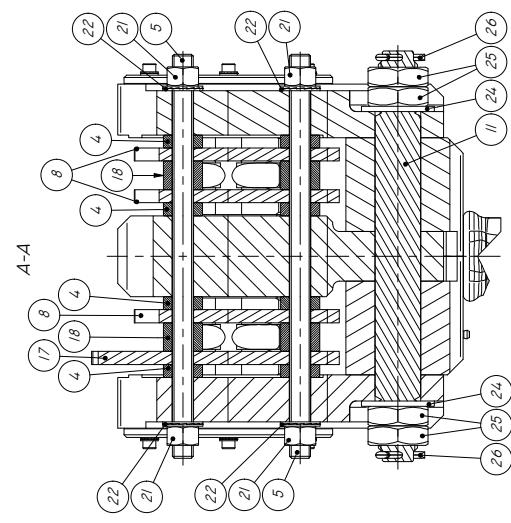
SURFACE ROUGHNESS

IF IN DOUBT ASM

-

REPLACES DRAWING

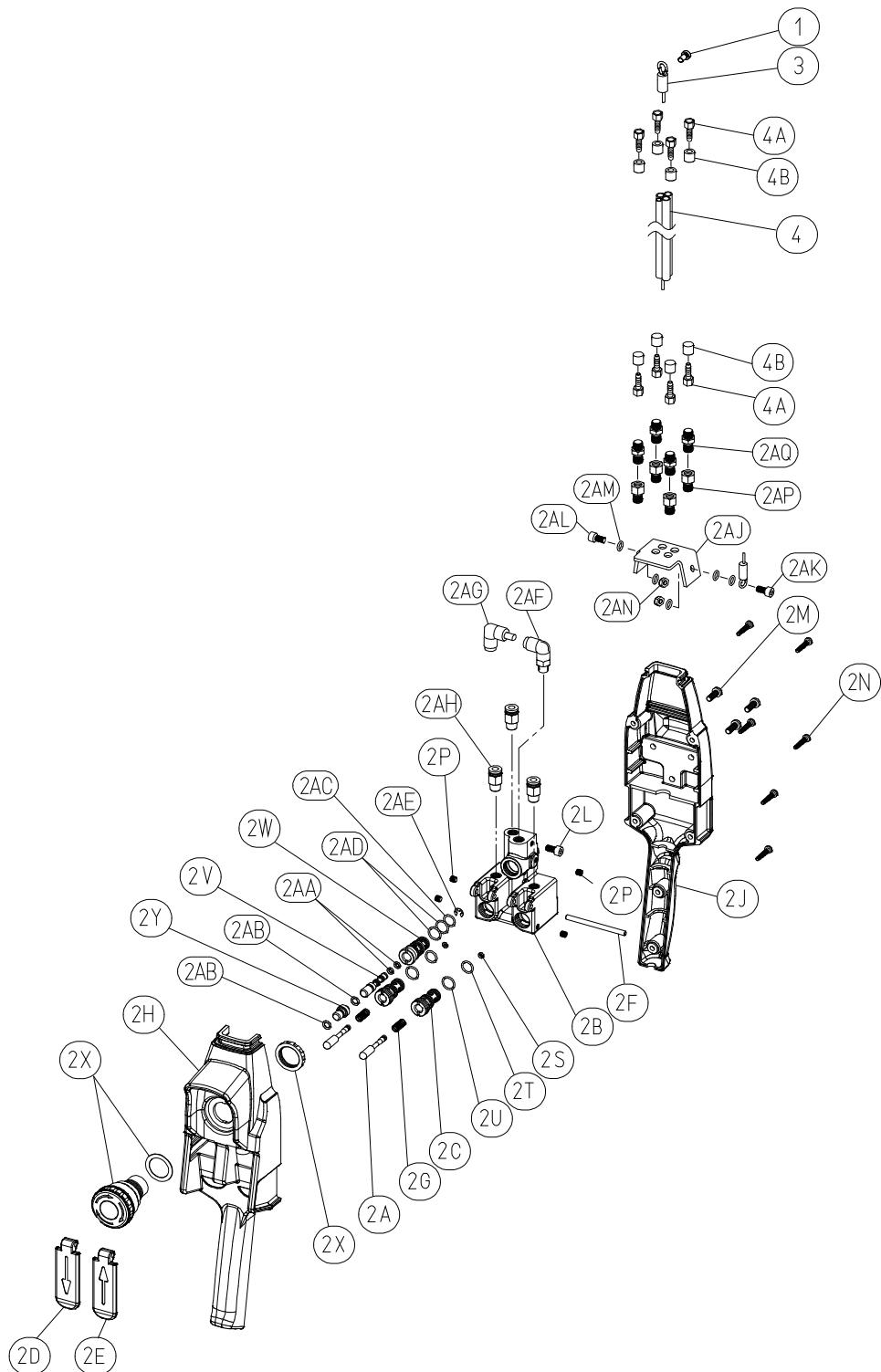
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PARTS LIST		SCALE	N/T	MATERIAL	(or equivalent)	TITLE OF PART	BOTTOM BLOCK	PART NUMBER	DATE
ITEM	QTY								
1	1					DESCRIPTION	REV.		
2	2					MID-PLATE	0	RRL 1591-02	1 / 1
3	2					BOTTOM HOOK SIDE PLATE	0		UNLESS OTHERWISE SPECIFIED
4	16					BEARING COVER	0		ALL DIMENSIONS ARE IN MILLIMETERS
5	4					CHAIN GUIDE - SPACER	0		TOLERANCES
6	1					TI-E ROD	0		OVER 5 UP TO 10.05MM ± 0.15MM
7	2					20T HOOK	0		OVER 10 UP TO 20.05MM ± 0.15MM
8	3					HOOK TRUST RING (BOTTOM BLOCK)	0		OVER 20 UP TO 30.05MM ± 0.15MM
9	1					CHAIN GUIDE	0		OVER 30 UP TO 40.05MM ± 0.15MM
10	1					HOOK HOLDER	0		OVER 40 UP TO 50.05MM ± 0.15MM
11	2					HOOK HOLDER GN	0		OVER 50 UP TO 60.05MM ± 0.15MM
12	1					LOAD BAR	0		ANGULAR # 0.5°
13	1					THRUST BALL BEARINGS SINGLE DIRECTION SKF			SURFACE ROUGHNESS
14	1					HEXAGON SOCKET SET SCREW			✓ IF IN DOUBT ASK
15	4					FREE CHAIN WHEEL			
16	3					DIN 225 SKF - SHF 6311/22			
17	1					DEEP GROOVE BALL BEARINGS SINGLE ROW WITH TWO Z SHIELDS SKF			
18	8					SPRING RETAINING RING			
19	12					CHAIN GUIDE - SPACER	0		
20	12					M6 NORDLOCK WASHER LARGE DIAMETER GLUED PAIR			
21	8					M6 NORDLOCK WASHER LARGE DIAMETER CAP SCREW			
22	8					ISO 4762 - M6 X 30			
23	1					ISO 4032 - M16			
24	4					NL16SP			
25	8					DIN 71412 - AM3			
26	1					DIN 71412 - AM3			
27	1					DIN 125 - A 31			
						DIN 4035 - M30			
						ISO EN ISO 1234 - M35			
						DIN EN ISO 1265-02 OR 423828F70			
						RRL PW1605-02			
						16x15 CHAIN WHEEL			



Pendant - VRD-2R



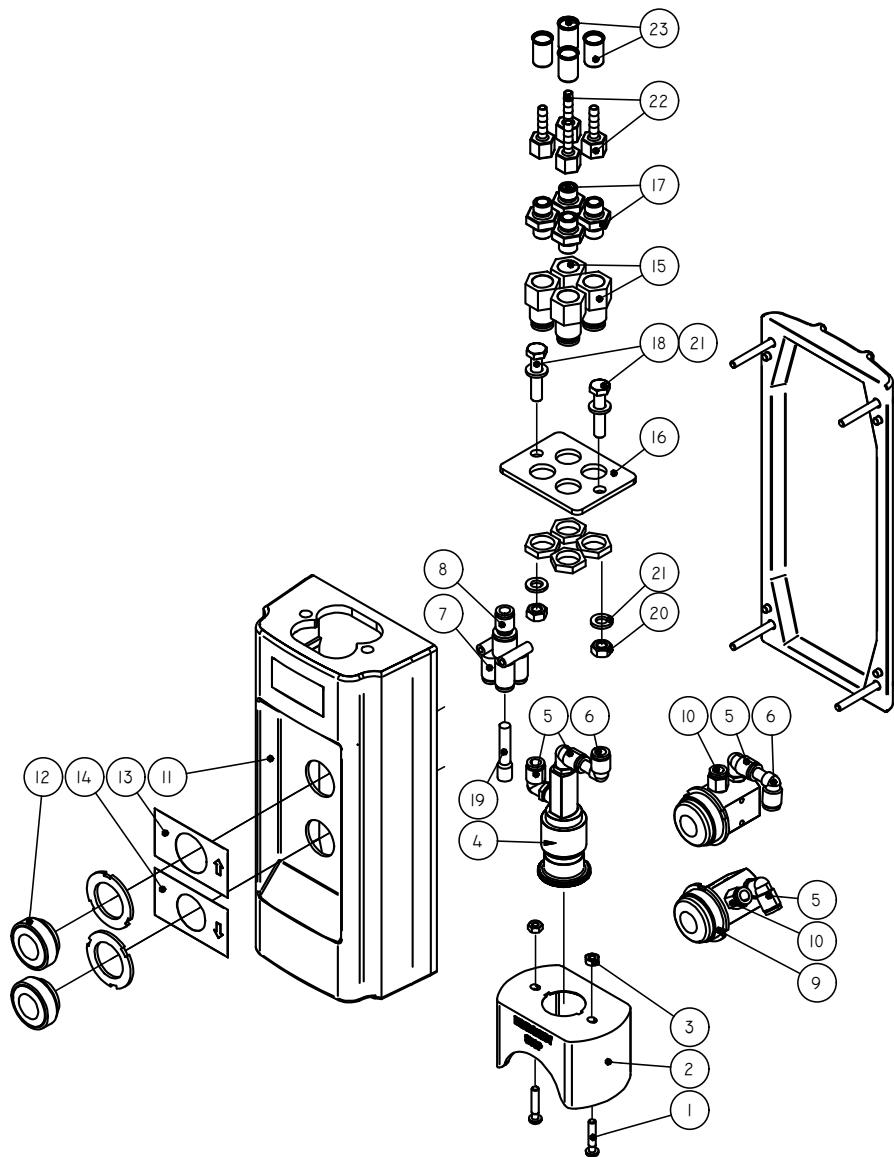


Pendant - VRD-2R

Fig. No.	Part Number	Part Name	Parts Per Hoist
1	131705008	HEX. SOCKET HEAD CAP SCREW M5X8	1
2	420228VRD	PENDANT VALVE ASSEMBLY	1
2A	420218VB0	THROTTLE VALVE	2
2B	420228VR0	VALVE BODY	1
2C	420218VF0	BUSHING	2
2D	420223W40	LEVER D	1
2E	420223W30	LEVER U	1
2F	130402053	LEVER PIN	1
2G	130802220	SPRING 6X14X0.6	2
2H	420228W50	FRONT CASE	1
2J	420228W60	REAR CASE	1
2L	131705010	HEX. SOCKET HEAD CAP SCREW M5X10	1
2M	132405014	PHILLIPS PAN HEAD MACHINE SCREW M5X14	3
2N	132904220	PHILLIPS PAN HEAD SELF-TAPPING SCREW 4X20	6
2P	132105005	HEX. SOCKET SET SCREW M5X5	4
2S	131109001	O-RING S-3 (HS90)	2
2T	131103008	O-RING S-10	2
2U	131103009	O-RING S-11.2	2
2V	420224V61	EMERGENCY STOP VALVE	1
2W	420228V50	EMERGENCY STOP BUSHING	1
2X	136690503	EMERGENCY STOP BUTTON	1
2Y	420228W00	PUSH ROD	1
2AA	131103002	O-RING S-5	2
2AB	131103004	O-RING S-6	2
2AC	131103008	O-RING S-10	1
2AD	131103009	O-RING S-11.2	2
2AE	130303004	RETAINING RING E-4	1
2AF	304P	1/8 BSP TO 6MM PUSH FIT ELBOW	1
2AG	P118	6MM PLUG IN ELBOW	1
2AH	P087	1/8 BSP TO 6MM PUSH FIT	3
2AJ	DRG-SI10394-T2	2 STATION PENDANT BRACKET	1
2AK	113/1	HEX. SOCKET HEAD CAP SCREW M6X16	1
2AL	113P	HEX. SOCKET HEAD CAP SCREW M6X20	1
2AM	145P	FLAT WASHER M6	5
2AN	139P	NYLOC NUT M6	2
2AP	P245	6MM TO 1/8 BSP BULKHEAD ADAPTOR	4
2AQ	P071/1	1/8 BSP HEX NIPPLE C/W 60° CONE	4
3	426230F1B	STRAINER WIRE	1
4	1/4-HOSE	1/4 ANTI-STATIC RUBBER HOSE	4
4A	P016/1	1/8 BSP TO 1/8 HOSETAIL SWIVEL	8
4B	P002/1	1/4 HOSE FERRULE	8



Pendant - VTP2M

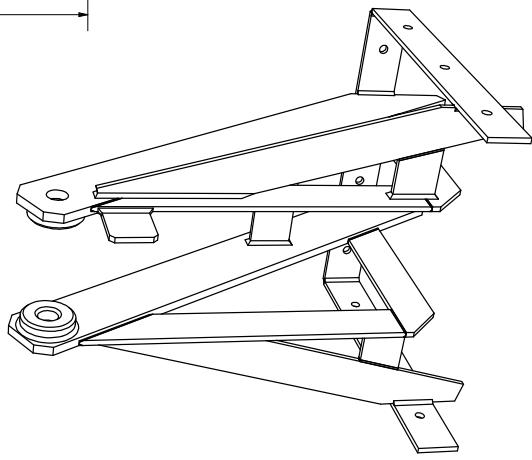
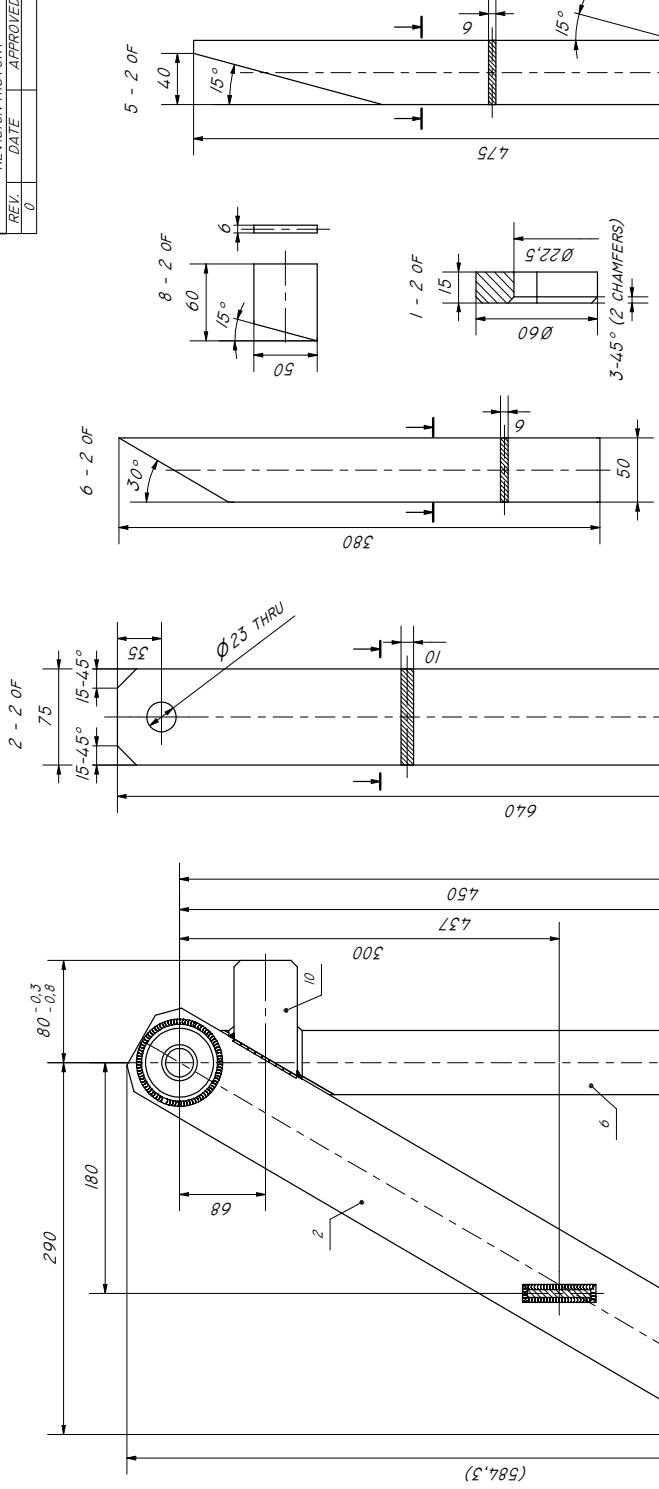




Pendant - VTP2M

Fig. No.	Part Number	Part Name	Parts Per Hoist
1	105P	M4 X 20 CHEESE HEAD SCREW	2
2	E/STOP/GUARD01	YELLOW E-STOP GUARD	1
3	113/1P	M4 NYLOCK NUT	2
4	BIK3206P-BS54	EMERGENCY STOP BUTTON	1
5	304P	8mm TO 6mm BANJO	4
6	P118	90° ELBOW 6mm	2
7	P112	4 WAY JUNCTION	1
8	301P	8mm TO 6mm REDUCER	1
9	BIK-3209-P-VALVE	PENDANT VALVE	2
10	P087	1/8" TO 6mm PUSHFIT	2
11	TP/HOUS/M	2 STATION MACHINED PENDANT	1
12	BIK-3209-294-B-COVER	COVER FOR BIK VALVES	2
13	XAC-B-LEGEND-UP	UP LEGEND	1
14	XAC-B-LEGEND-DOWN	DOWN LEGEND	1
15	P245	1/8" TO 6mm BULKHEAD AND NUT	4
16	DRG 2652-01	PLATE	1
17	P071/1	1/8" BSP NIPPLE C/W CONE	4
18	112P	M6 x 20 HEX BOLT	2
19	P117	8mm BLANKING PLUG	1
20	139P	M6 NYLOCK NUT	2
21	145P	M6 WASHER	2
22	P016/1	1/8" BSP SWIVEL TO 1/4" HOSE TAIL	4
23	P002/1	1/4" HOSE FURRULE	4

REVISION HISTORY		
REV.	DATE	APPROVED
0		



1. ALL WELD TO BE CONTINUOUS FILLET 4MM

