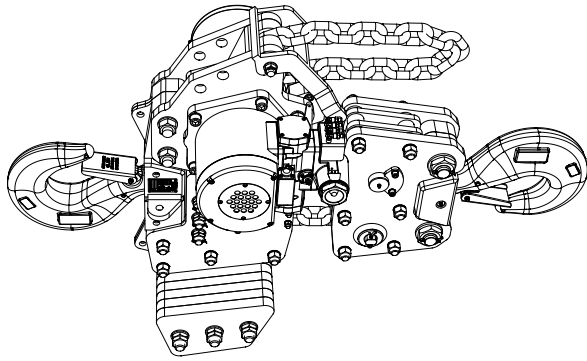
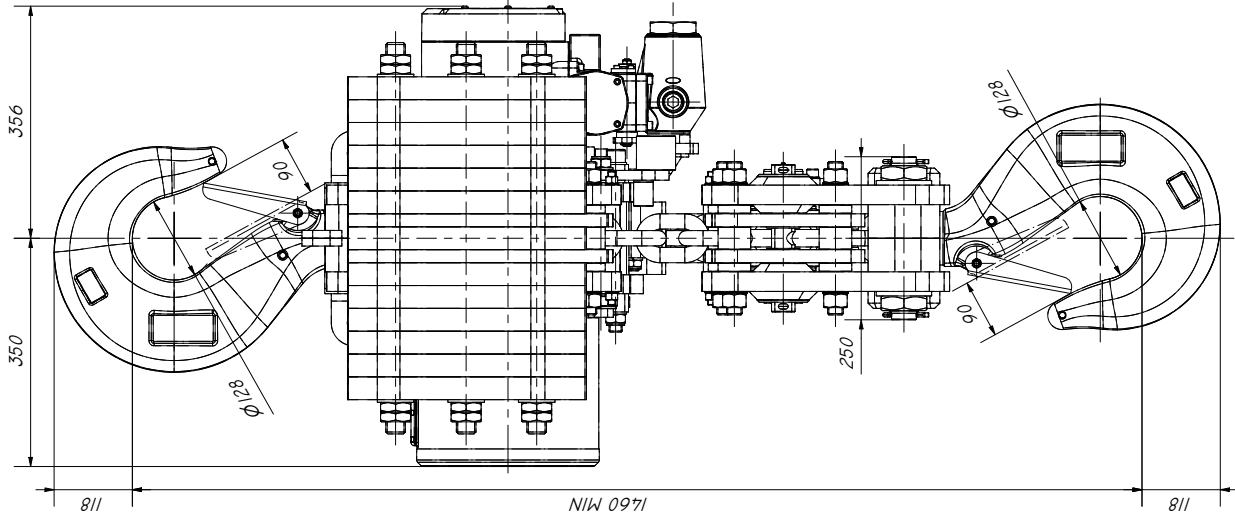
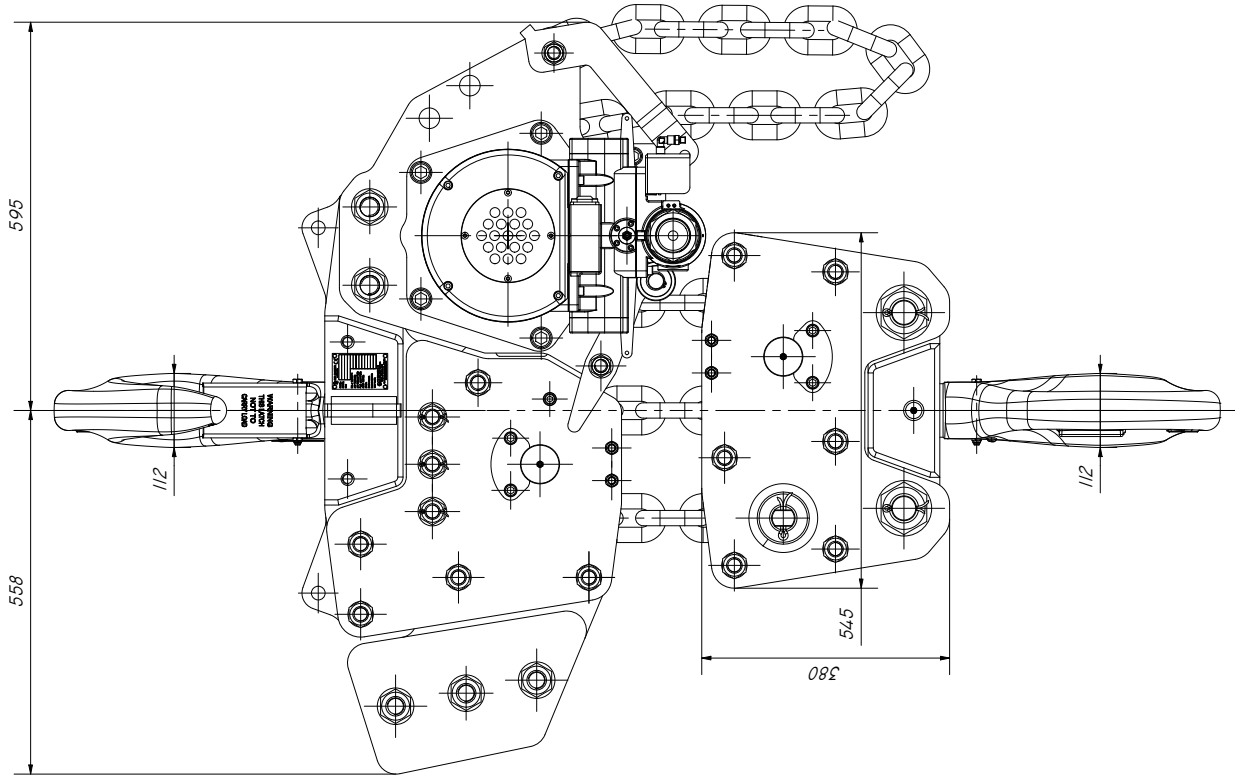
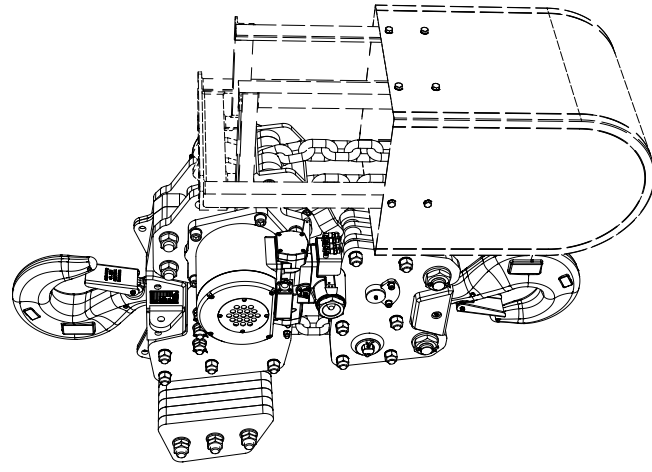
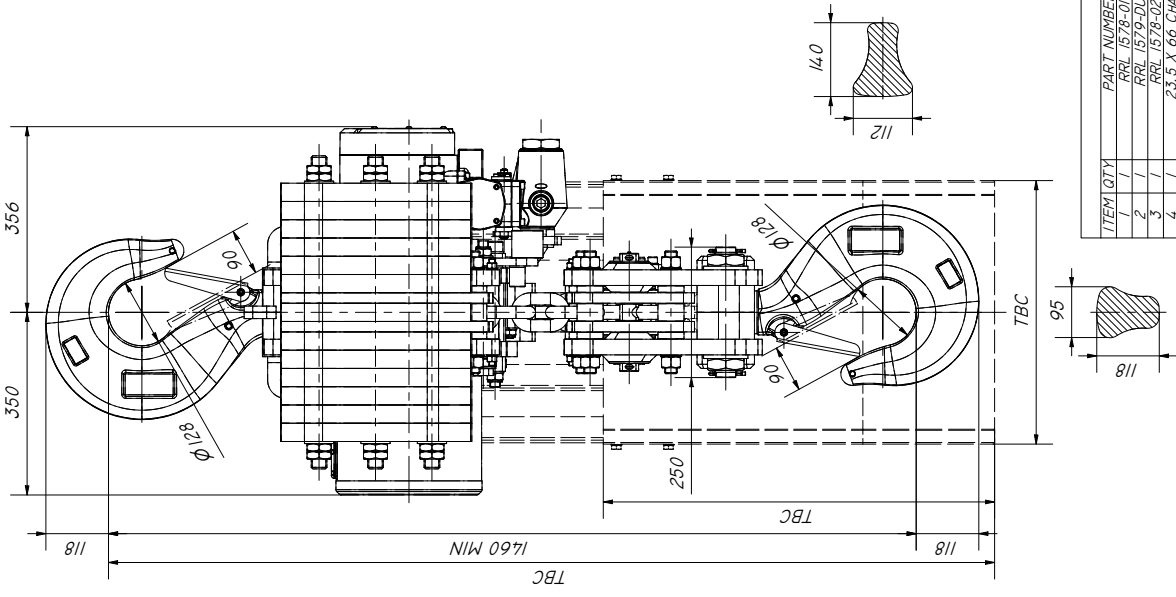
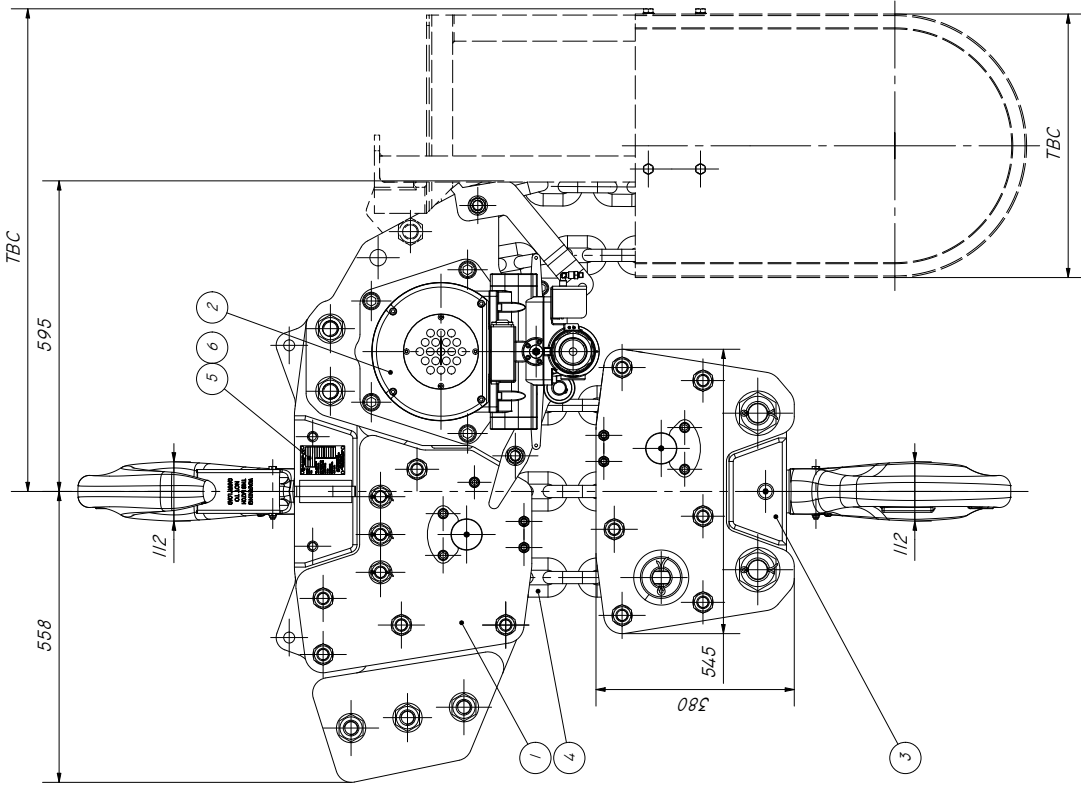


REVISION HISTORY		
REV.	DATE	APPROVED
0	01/07/2024	PAUL SHEWMAN



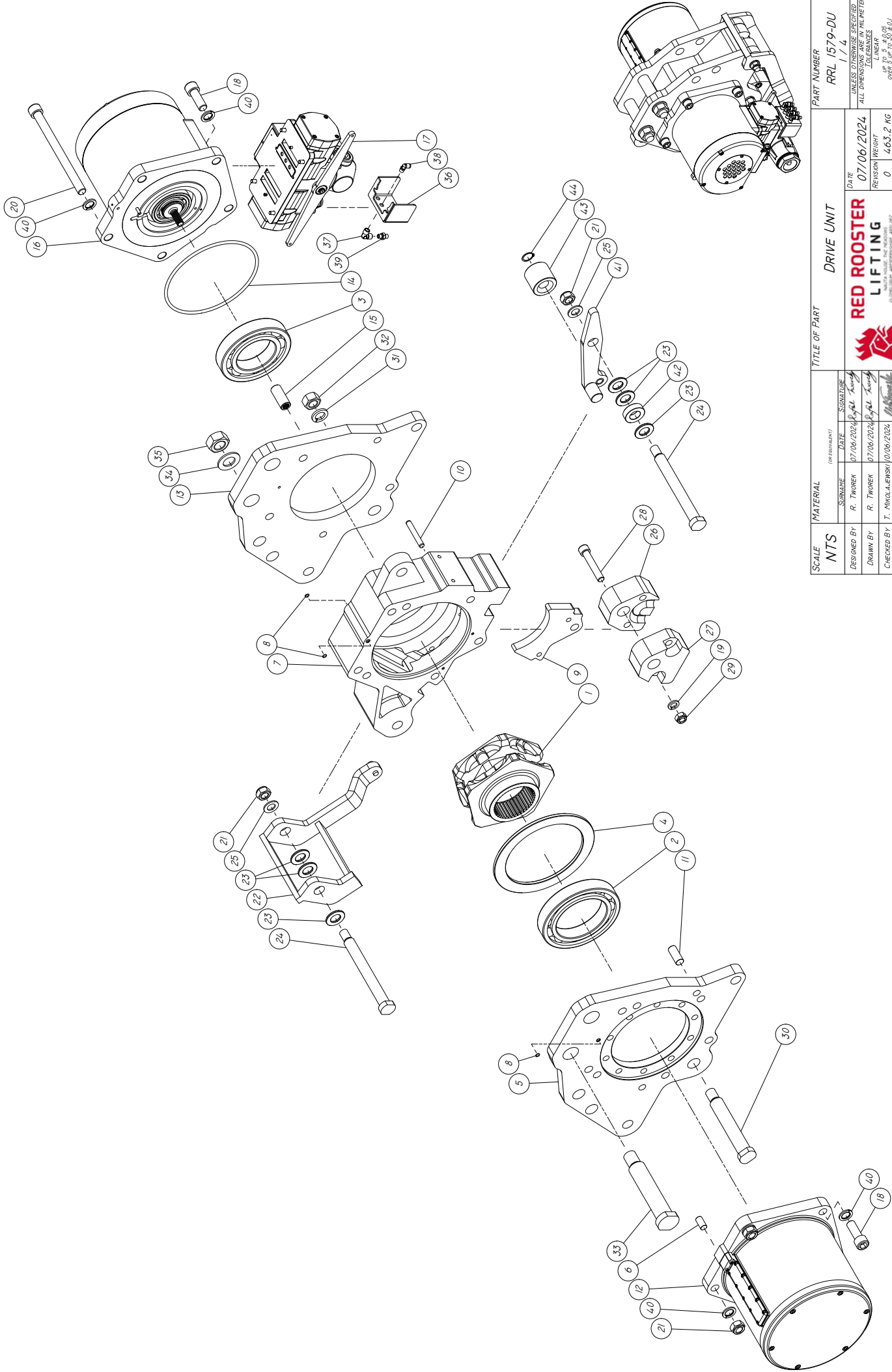
SCALE		MATERIAL		TITLE OF PART		GENERAL ASSEMBLY		PART NUMBER	
NTS		(see comments)		DATE		DATE		RRL 1579-00	
DESIGNED BY		SIGNATURE		DATE		DATE		1 / 2	
DRAWN BY		R. TWOREK		07/06/2024		07/06/2024			
CHECKED BY		R. TWOREK		07/06/2024		0			
APPROVED BY		T. MIKOLAJEWSKI		10/06/2024		REPLACES DRAWING			
SHEET SIZE		P. SHEWMAN		11/06/2024		-			
A3		TITLE OF PROJECT		TMH45 - 45T 3F AH		PROFILE NUMBER			



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	RRL 1578-01	TOP BLOCK
2	1	RRL 1579-01	DRIVE UNIT
3	1	RRL 1578-02	BOTTOM BLOCK
4	1	23.5 X 66 CHAIN	HOIST CHAIN
5	1	HDP-02	PLATE 9 - 55x85
6	4	DIN 7337 - A3.2 x 6	BLIND RIVET
SCALE			
NTS			
TITLE OF PART			
GENERAL ASSEMBLY			
PART NUMBER			
RRL 1579-00			
2 / 2			
UNLESS OTHERWISE SPECIFIED			
ALL DIMENSIONS ARE IN MILLIMETERS			
TOLERANCES			
LINEAR			
OTHER THAN ±0.05			
OTHER THAN ±0.1			
OTHER THAN ±0.2			
OTHER THAN ±0.3			
OTHER THAN ±0.4			
OTHER THAN ±0.5			
ANGULAR ±0.5°			
SURFACE ROUGHNESS Ra			
IF IN DOUBT ASK			
DATE			
07/06/2024			
REVISION WEIGHT			
0 - 1300 KG			
REPLACES DRAWING			
-			
PROFILE NUMBER			
-			
TMH45 - 45T 3F 4H			

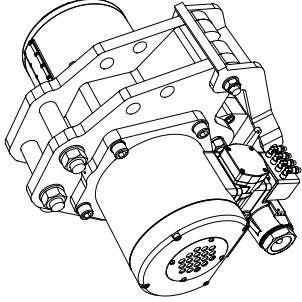
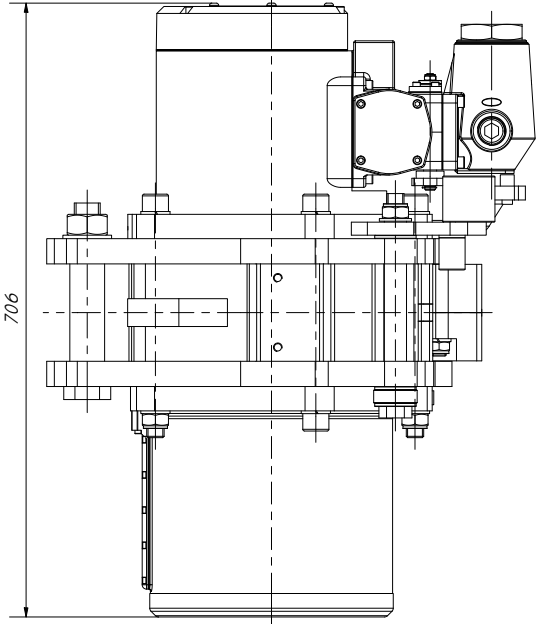
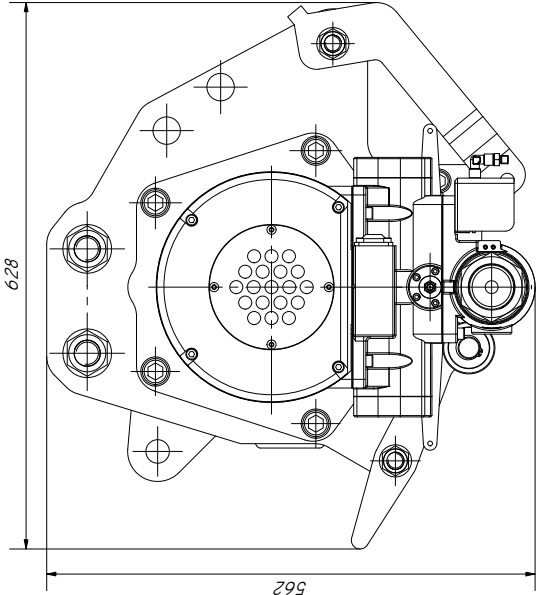
TMH-45T DU - VERSION FOR SPECIAL LINK PLATE

REVISION HISTORY		
REV.	DATE	APPROVED
0	07/07/2024	PAUL SHEWAN



SCALE		MATERIAL		TITLE OF PART		DRIVE UNIT		PART NUMBER	
NTS		(OR EQUIVALENT)						RRL 1579-DU 1 / 4	
DESIGNED BY		SIGNATURE	DATE	SIGNATURE		DATE		ALL DIMENSIONS ARE SPECIFIED UNLESS OTHERWISE SPECIFIED IN TOLERANCES	
DRAWN BY		R. TWOREK	07/06/2024	R. TWOREK		07/06/2024		UNLESS UP TO 5 ±.005 OVER 5 UP TO 10 ±.010 OVER 10 UP TO 30 ±.015 OVER 30 UP TO 100 ±.020 OVER 100 ±.030	
CHECKED BY		T. MIKOLAJEWSKI	10/06/2024	T. MIKOLAJEWSKI		0		REVISION WEIGHT 463.2 KG	
APPROVED BY		P. SHEWAN	11/06/2024	P. SHEWAN		REPLACES DRAWING		- 	

TMH-45T DU - VERSION FOR SPECIAL LINK PLATE



TMH-45T DU - VERSION FOR SPECIAL LINK PLATE - PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	425814A50	LOAD SHEAVE
2	1	130726026	BEARING 60260DDU
3	1	130726220	BEARING 6220DDU
4	1	425814N90	CHAIN GUIDE COVER
5	1	425814N80	MIDDLE PLATE G
6	10	425814660	KNOCK PIN (16)
7	1	425814350	CHAIN GUIDE
8	4	131020006	O-RING S-8
9	1	425814360	CHAIN SEPARATOR
10	2	130406080	PARALLEL PIN A12X80 H7
11	4	426303161	KNOCK PIN
12	1	TMH-30 GB	GEAR BOX
13	1	425814N90	MIDDLE PLATE M
14	1	131174417	O-RING ASS68-447
15	1	425806200	COUPLING
16	1	TMH-25 AH	AIR MOTOR
17	1	TMH-30 CV	CONTROL VALVE
18	4	13120035	HEX SOCKET HEAD CAP SCREW M20X55
19	2	13120006	SPRING WASHER M10
20	3	13120006	HEX SOCKET HEAD CAP SCREW M20X260
21	1	13120006	LIMIT LEVER
22	5	131501020	WASHER M20
23	6	425814N20	SPRING PIN
24	2	425814N30	WASHER M20
25	2	131501020	WASHER M20
26	1	425814N40	CHAIN SET PLATE L
27	1	425814N50	CHAIN SET PLATE R
28	2	13120090	HEX SOCKET HEAD CAP SCREW M16X90
29	4	425814K60	CHAIN SET PIN
30	1	131501016	WASHER M20
31	1	131501024	HEX NUT M24
32	1	131501024	HEX NUT M24
33	2	425814N20	SPRING WASHER M24
34	2	131501030	HANGER PIN
35	2	131501030	WASHER M30
36	1	FEF-02-00	PENDANT BRACKET
37	4	FEF-02NP	1/8" FEMALE ELBOW
38	4	K021.06-01NS	1/8" BSP MALE TO ODM PUSH FIT ELBOW
39	4	100-0202	1/8" MALE TO 1/8" MALE NIPPLE
40	10	131501020	SPRING WASHER M20
41	1	RRL 1578-07	LIMIT LEVER (W)
42	1	RRL 1578-37	LIMIT LEVER - SPACER
43	1	RRL 1578-38	LIMIT LEVER - ROLLER
44	1	DIN 471 - 25X1.2	RETAINING RINGS FOR SHAFT

TITLE OF PART		DRIVE UNIT	
RRL 1579-DU 2 / 4			
PART NUMBER		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS	
		TOLERANCES LINEAR	
		UP TO 5 ±0.05 OVER 5 UP TO 10 ±0.1 OVER 10 UP TO 30 ±0.15 OVER 30 UP TO 100 ±0.2 OVER 100 UP TO 300 ±0.25 OVER 300 ±0.3	
		ANGULAR ±0.5° SURFACE ROUGHNESS Ra IF IN DOUBT ASK	
DATE		07/06/2024	
REVISION WEIGHT		0 463.2 KG	
REPLACES DRAWING		-	
PROFILE NUMBER		-	
RED ROOSTER LIFTING		NATURAL HOUSE, THE MANUFACTURER CLIMATECH, ABBENBURGH ABB1 9EJ HORN FAY, +44(0)1235 477008 WWW.REDFOOSTERLIFTING.CO.UK	
H445 - 45T 3F AH			

SCALE		MATERIAL	
NTS		(SEE EXPLANATION)	
DESIGNED BY	R. THOREK	SIGNATURE	
DRAWN BY	R. THOREK	DATE	07/06/2024
CHECKED BY	T. MIKOLAJEWSKI	DATE	07/06/2024
APPROVED BY	P. SIEMAN	DATE	10/06/2024
SHEET SIZE	A3	TITLE OF PROJECT	TMH45 - 45T 3F AH

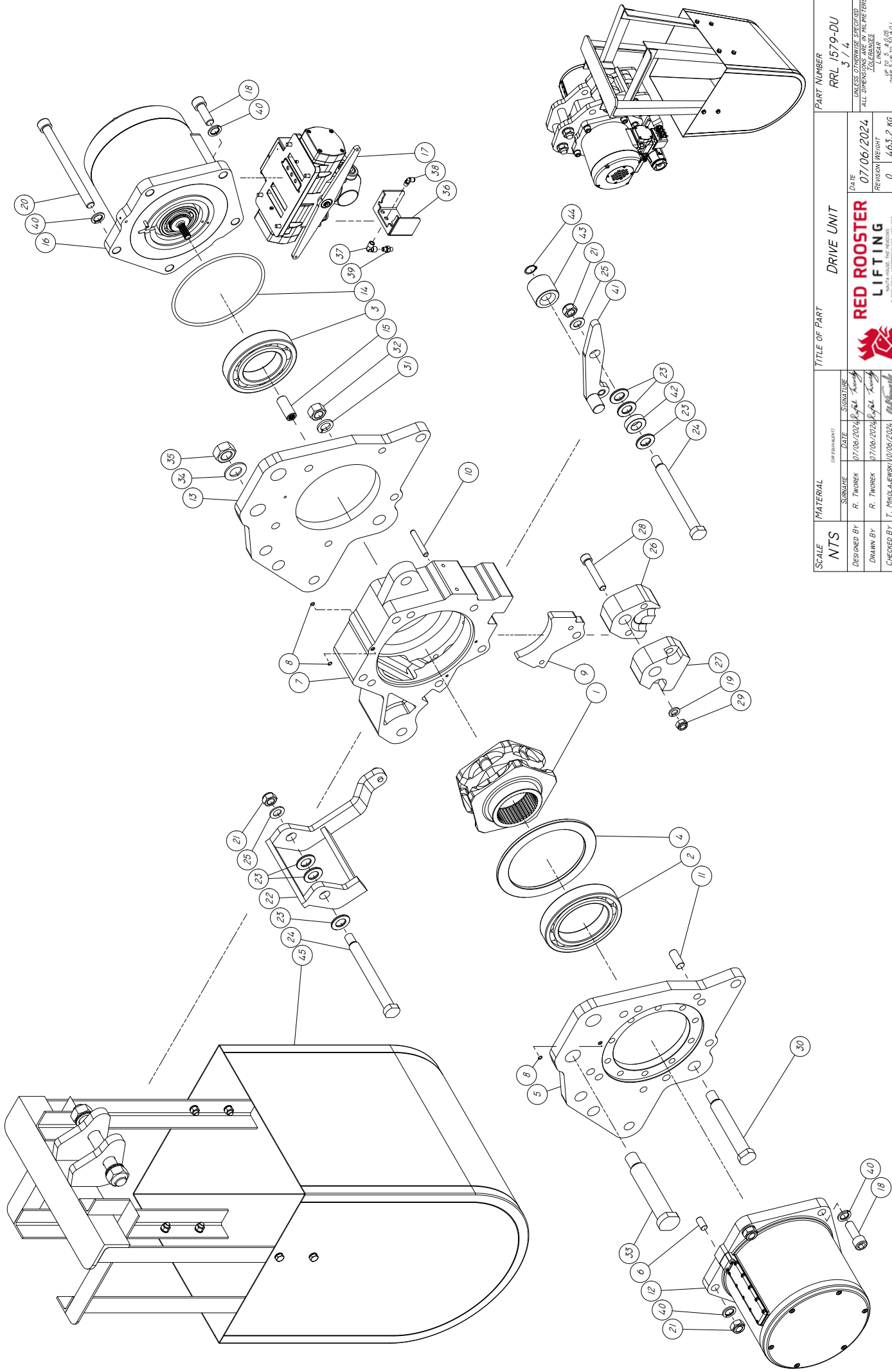


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TMH45 - 45T 3F AH

TMH-4.5T DU - VERSION FOR SPECIAL LINK PLATE & CHAIN COLLECTOR



SCALE		MATERIAL		TITLE OF PART		DRIVE UNIT		PART NUMBER	
NTS				(OR EQUIVALENT)		RED ROOSTER LIFTING		RRL 1579-DU 3 / 4	
DESIGNED BY		R. TYNOREK		DATE		DATE		ALL DIMENSIONS ARE IN MILLIMETERS TOLERANCES	
DRAWN BY		R. TYNOREK		07/06/2024		07/06/2024		UP TO ± 0.05 OVER 0.05 UP TO 0.1 OVER 0.1 UP TO 0.2 OVER 0.2 UP TO 0.5 OVER 0.5 UP TO 1.0 OVER 1.00 ± 1.0	
CHECKED BY		T. MIKOLAJEWSKI		07/06/2024		0		463.2 KG	
APPROVED BY		P. SIEMAN		1/10/2024		REPLACES DRAWING		-	
SHEET SIZE		A3		TITLE OF PROJECT		-		PROFILE NUMBER	
				TMH45 - 4.5T 3F AH				SURFACE ROUGHNESS $\sqrt{R}$ IF IN DOUBT ASK	

[illegible]

TMH-45T DU - VERSION FOR SPECIAL LINK PLATE & CHAIN COLLECTOR - PARTS LIST		REV.	
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	425814A50	LOAD SHEAVE
2	1	13026026	BEARING 60260DU
3	1	13026026	BEARING 60260DU
4	1	425814A90	CHAIN GUIDE COVER
5	1	425814A80	MIDDLE PLATE G
6	10	425814A680	NOCK PIN (16)
7	1	425814A350	CHAIN GUIDE
8	4	13060016	O-RING S-8
9	4	13060016	CHAIN SPACER 108
10	2	425814A580	PARALLEL PIN 112X80 H7
11	4	425814A580	NOCK PIN
12	4	425814A580	MIDDLE PLATE M
13	1	425814A90	O-RING 135X68-44.7
14	1	131172L7	COUPLING
15	1	425814A200	AIR MOTOR
16	1	TMH-25-AM	CONTR. VALVE
17	4	TMH-25-AM	HEX SOCKET HEAD CAP SCREW M20X55
18	4	131720055	SPRING WASHER M16
19	2	1310016	HEX SOCKET HEAD CAP SCREW M20X260
20	3	13166261	U-NUT M20
21	5	134501020	LIMIT LEVER D
22	1	425814A20	WASHER M24
23	6	13106024	SET PIN
24	2	425814A350	WASHER M20
25	2	13107020	CHAIN SET PLATE L
26	1	425814A40	CHAIN SET PLATE R
27	1	425814A50	HEX SOCKET HEAD CAP SCREW M16X90
28	2	13176090	U NUT M16
29	2	134501016	CHAIN SET PIN
30	1	425814A60	SPRING WASHER M24
31	1	131501024	HEX NUT M24
32	1	134440124	HANGER PIN
33	2	425814A220	WASHER M30
34	2	131070330	U-NUT M30
35	2	134501030	PENDANT BRACKET
36	1	PEB-02-00	1/8" FEMALE ELBOW
37	4	FEL02NP	1/8" BSP MALE TO GNM PUSH FIT ELBOW
38	4	K02L06-0INS	1/8" MALE TO 1/8" MALE NIPPLE
39	4	100-0202	SPRING WASHER M20
40	10	131501020	LIMIT LEVER (W)
41	1	RRL 1578-07	LIMIT LEVER - SPACER
42	1	RRL 1578-37	LIMIT LEVER - ROLLER
43	1	RRL 1578-38	RETAINING RINGS FOR SHAFT
44	1	DIN 471 - 25X1.2	CHAIN COLLECTOR
45	1	RRL 1578-CC	

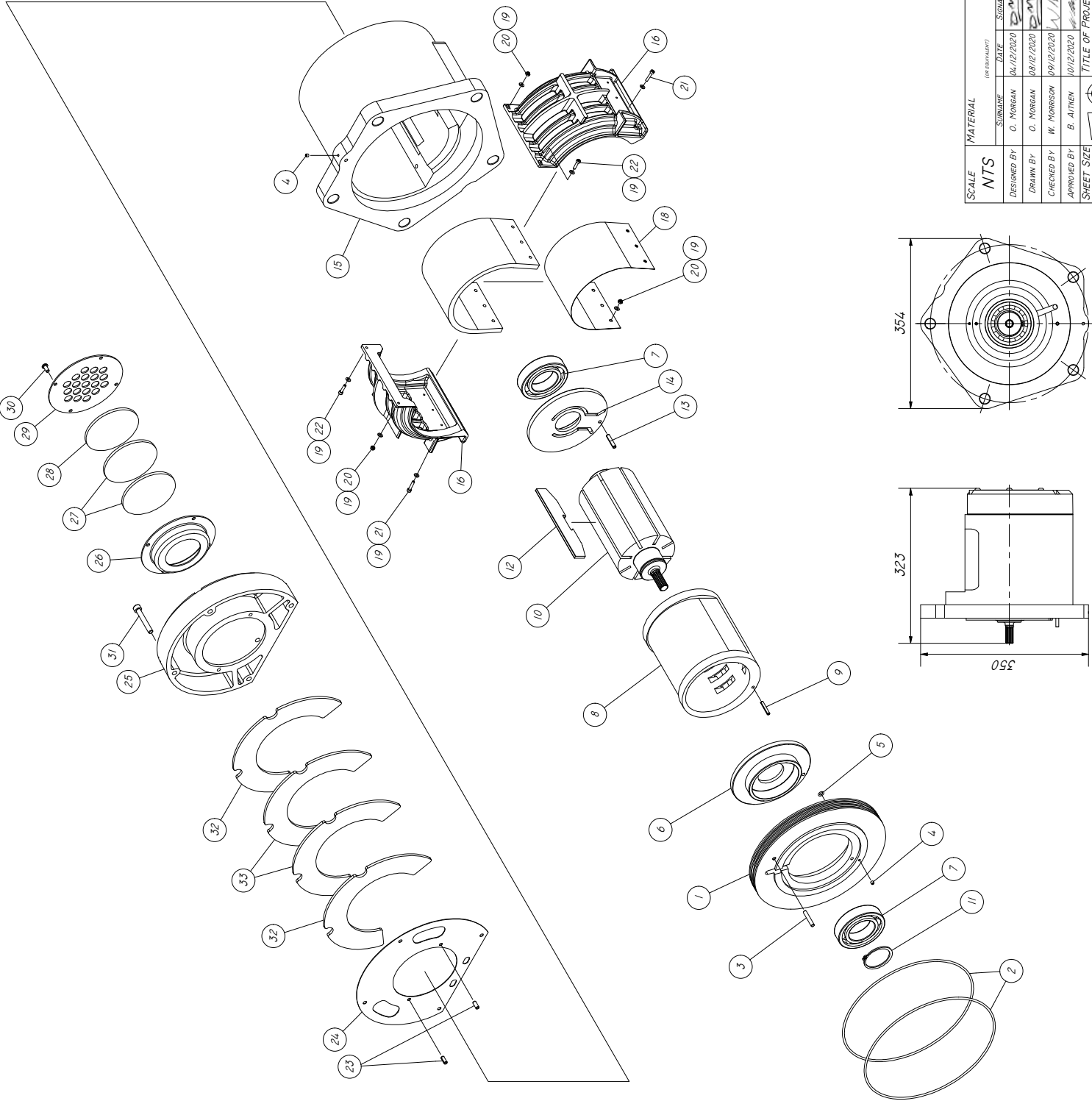
TITLE OF PART		DRIVE UNIT		DATE	
RED ROOSTER LIFTING ALUMINUM, ANTIWEAR, 100% 402 WWW.REDOOSTERLIFTING.COM		07/06/2024		DATE	
		463.2 KG		REVISION WEIGHT	
		-		REPLACES DRAWING	
PROFILE NUMBER		-		SURFACE ROUGHNESS	
IF IN DOUBT ASK					

SCALE		MATERIAL		(RELEVANT)	
NTS					
DESIGNED BY	R. THOREK	SURNAME		DATE	07/06/2024
DRAWN BY	R. THOREK	SIGNATURE		DATE	07/06/2024
CHECKED BY	T. MIKOLAJEWSKI	SIGNATURE		DATE	10/06/2024
APPROVED BY	P. SIEWIAN	SIGNATURE		DATE	11/06/2024
SHEET SIZE		TITLE OF PROJECT			

TMH-45 - 45T 3F AH

A3

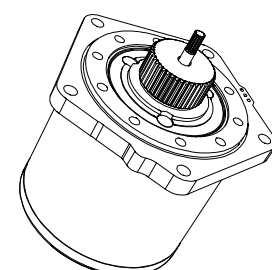
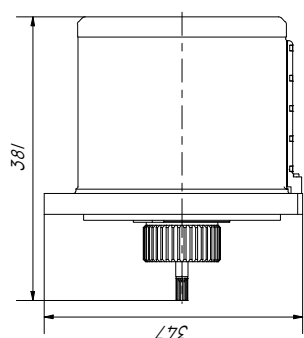
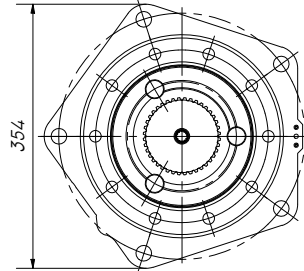
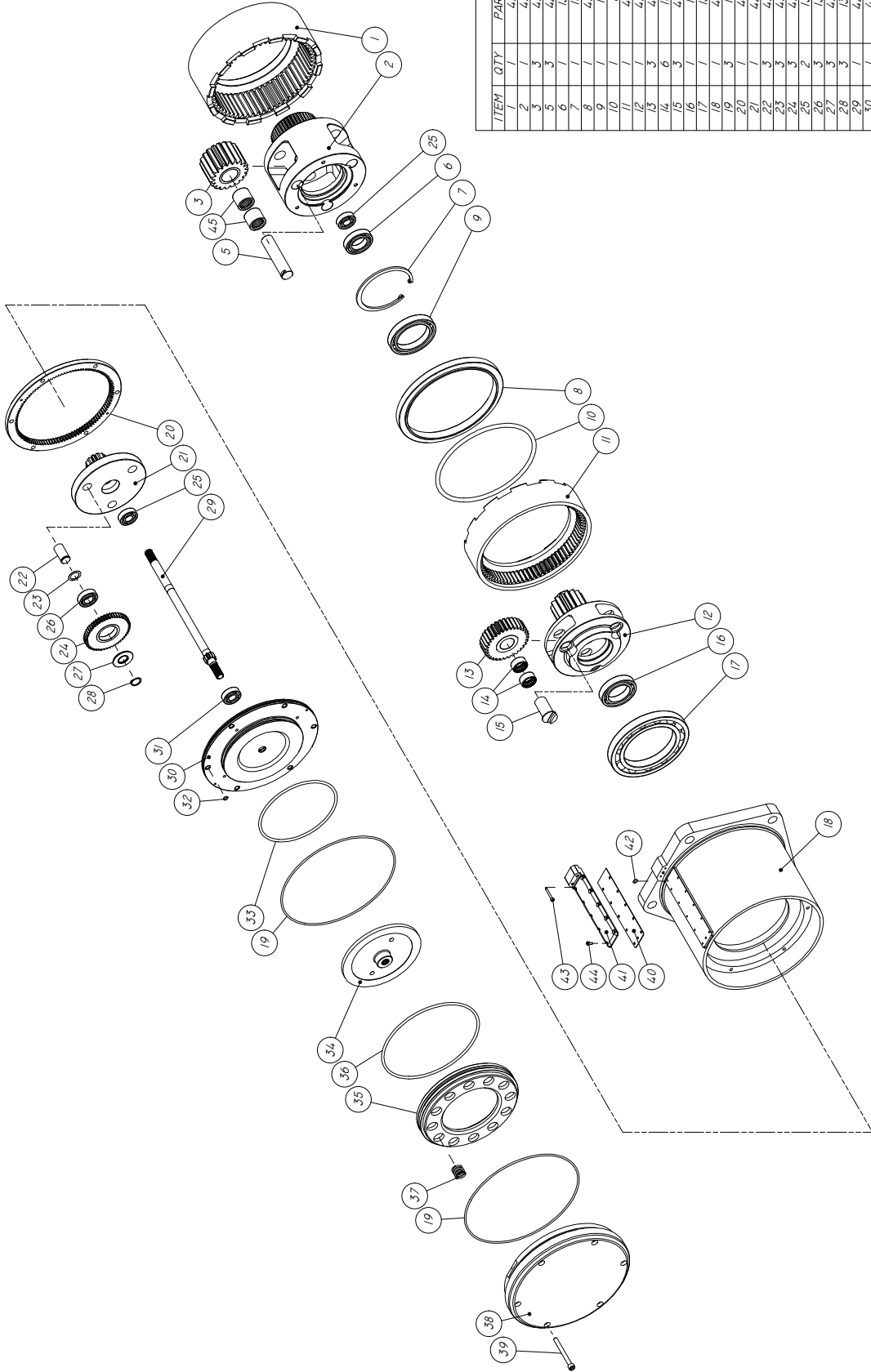
REVISION HISTORY		
REV.	DATE	APPROVED
0	12/03/2022	G. KRUPINSKI



PARTS LIST			REV.
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	425814140	FRONT COVER
2	2	13117273	O-RING ASSY 68-273
3	1	130406079	PARALLEL PIN 40X35 H7
4	2	132105005	HEX SOCKET SET SCREW M5X5
5	1	131010035	O-RING P-7
6	1	425814170	FRONT PLATE
7	2	130917101	BEARING 6210
8	1	425814180	CLAMP
9	1	150610550	SPRING PIN 3X30
10	1	150302950	RETAINING RING S-50
11	1	131020332	REAR PLATE
12	8	130616030	SPRING PIN 6X30
13	1	425814180	REAR PLATE
14	1	425814190	MOTOR CASE
15	2	425814150	EXHAUST HOLDER
16	1	132102061	SILENCER M(F)
17	1	132102062	SILENCER M(S)
18	1	131020044	WASHER M4
19	16	131020044	U NUT M4
20	8	131020044	HEX SOCKET HEAD CAP SCREW M4X20
21	6	131020044	HEX SOCKET HEAD CAP SCREW M4X16
22	2	131020044	SPRING PIN 6X15
23	2	130606015	EXHAUST GASKET
24	1	136102175	MOTOR COVER
25	1	425814160	EXHAUST COVER S
26	2	132102065	SILENCER SF
27	2	132102066	EXHAUST PLATE
28	1	425814190	HEX SOCKET BUTT SCREW M6X12
29	4	131020012	HEX SOCKET HEAD CAP SCREW M8X55
30	4	131020055	SILENCER LS
31	3	132102063	SILENCER LF
32	1	132102064	SILENCER LF
33	1	132102064	SILENCER LF

TITLE OF PART			PART NUMBER
TMH-25 AM			TMH-25 AM
DATE			1 / 1
08/12/2020			
REVISION WEIGHT			
0			68.2 KG
REPLACES DRAWING			
PROFILE NUMBER			
UNLESS OTHERWISE SPECIFIED			ALL DIMENSIONS ARE IN MILLIMETERS
			TOLERANCES
			LINEAR
			OVER 30 UP TO 100 ±0.1
			OVER 100 UP TO 300 ±0.15
			OVER 300 UP TO 500 ±0.2
			OVER 500 UP TO 1000 ±0.3
			ANGULAR ±0.5°
			SURFACE ROUGHNESS
			IF IN DOUBT ASK

REVISION HISTORY		
REV.	DATE	APPROVED
0	11/10/2022	P. SHEWAN



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	425814K50	THIRD RING GEAR
2	1	425814Z10	CAGE
3	3	425814K30	THIRD STAR GEAR
5	3	425814K20	THIRD PIN
6	1	130104008	BEARING 6007
7	1	130301125	RETAINING RING H/25
8	1	425814Z30	SPACER
9	1	13013015	BEARING 6915
10	1	13013015	O-RING P-215
11	1	425814E51	SECOND RING GEAR
12	1	425814E20	THIRD FINION
13	3	425814E51	SECOND STAR GEAR
14	6	130132315	NEEDLE BEARING 1A2515
15	3	425814E41	SECOND PIN
16	1	130104011	BEARING 6010
17	1	130104024	BEARING 16024
18	1	425814S10	GEAR CASE
19	3	130172170	O-RING ASS68-274
20	1	425814E10	FIRST RING GEAR
21	1	425814E22	SECOND FINION
22	3	425814E60	FIRST SPACER
23	3	425814170	FIRST STAR GEAR
24	3	130107004	BEARING 6203
25	2	130104005	BEARING 6004
26	3	425814N80	FIRST THRUST COLLAR
27	3	130107020	RETAINING RING S-20
28	3	425814E10	FIRST PINION
29	1	425814E02	BRAKE BLADE
30	1	425814E04	BEARING 6203Z2
31	1	130109104	O-RING P-9
32	6	131101007	O-RING ASS68-364
33	1	131173564	BRAKE DISC
34	1	425814E30	BRAKE PISTON
35	1	425814E00	O-RING ASS68-371
36	1	13117371	SPRING 20.5X21.9X2.9
37	12	130802229	BRAKE COVER
38	1	425814E10	HEX SOCKET HEAD CAP SCREW M8x80
39	6	131708080	GASKET C
40	1	13102176	AIR CONNECTOR
41	1	425814E10	O-RING S-8
42	1	131031006	HEX SOCKET HEAD CAP SCREW M4x30
43	2	131704030	HEX SOCKET HEAD CAP SCREW M4x8
44	10	131704008	NEEDLE BEARING RNA6904
45	6	130180904	

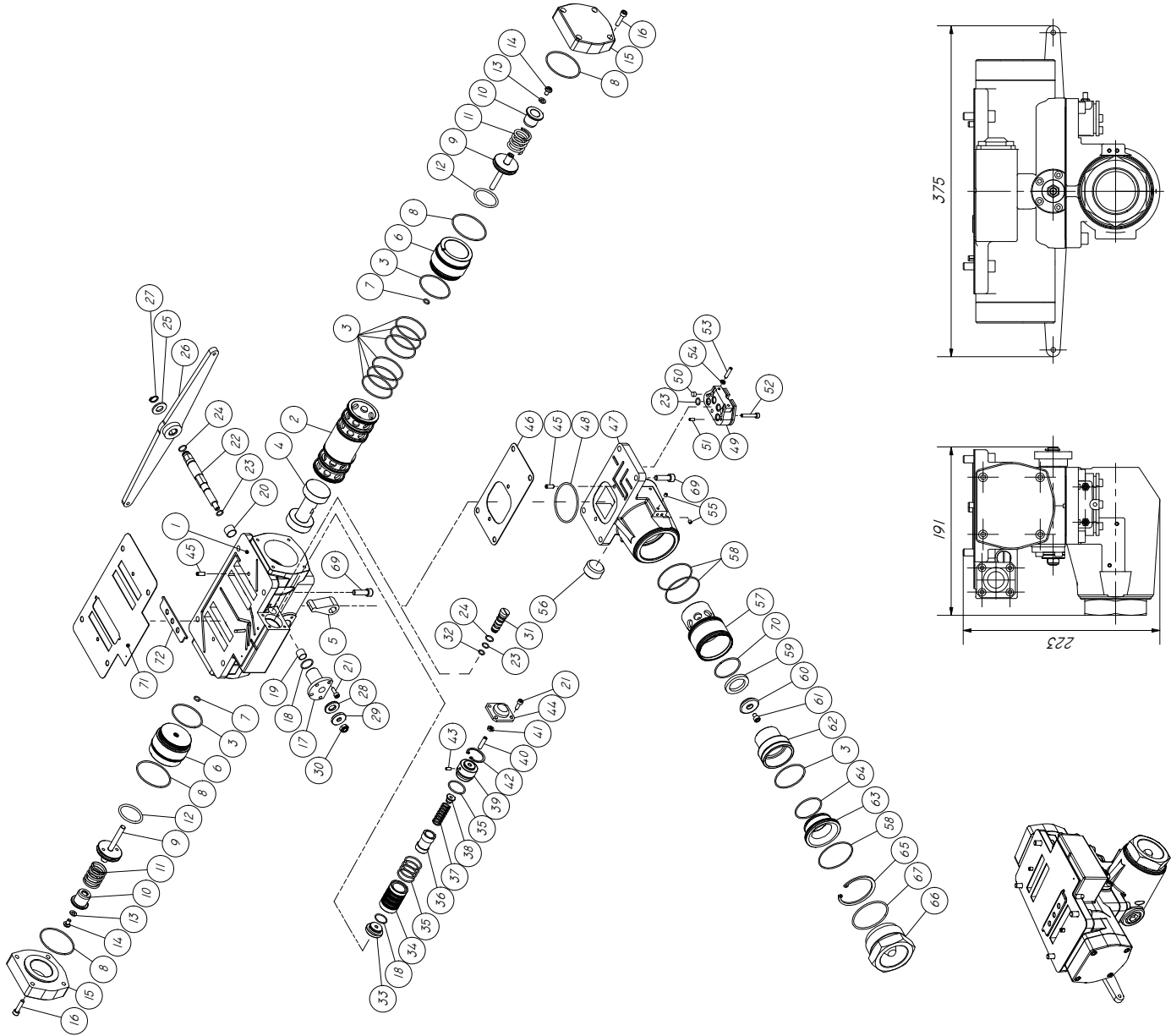
SCALE		MATERIAL		TITLE OF PART	
NTS				TMH-30 GB	
DESIGNED BY		DATE		DATE	
R. THOREK		08/09/2022		08/09/2022	
DRAWN BY		SIGNATURE		REVISION WEIGHT	
R. THOREK		08/09/2022		0 106.7 AG	
CHECKED BY		SIGNATURE		REPLACES DRAWING	
G. KRUPINSKI		09/09/2022		-	
APPROVED BY		SIGNATURE		PROFILE NUMBER	
B. AITKEN		12/09/2022		-	
SHEET SIZE		TITLE OF PROJECT		SURFACE ROUGHNESS	
A3		TMH30 - 30T 2F AH		UNLESS OTHERWISE SPECIFIED	
				ALL DIMENSIONS ARE IN MILLIMETERS	
				TOLERANCES	
				LINEAR	
				OVER 30 UP TO 100 ±0.4	
				OVER 100 UP TO 300 ±0.6	
				OVER 300 UP TO 500 ±0.8	
				OVER 500 UP TO 1000 ±1.0	
				ANGULAR ±0.5°	
				IF IN DOUBT ASK	

REVISION HISTORY		
REV.	DATE	APPROVED
0	11/10/2022	P. SHEWAN

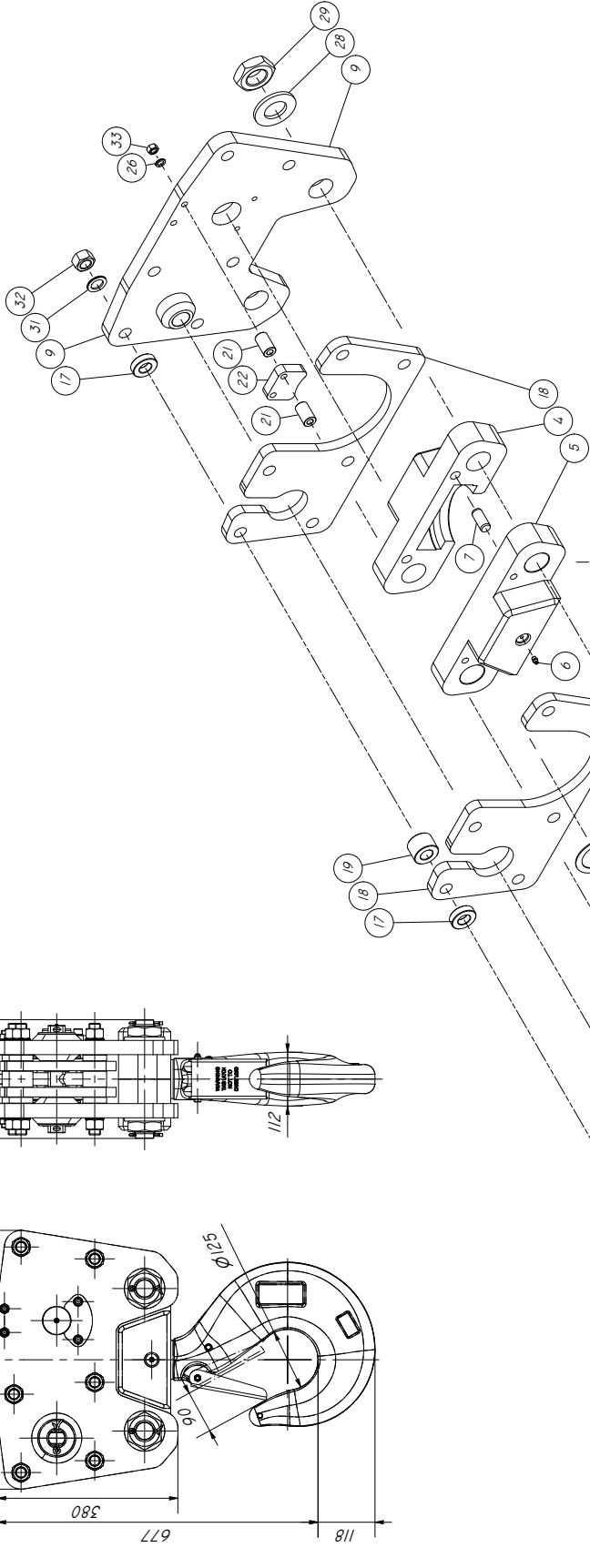
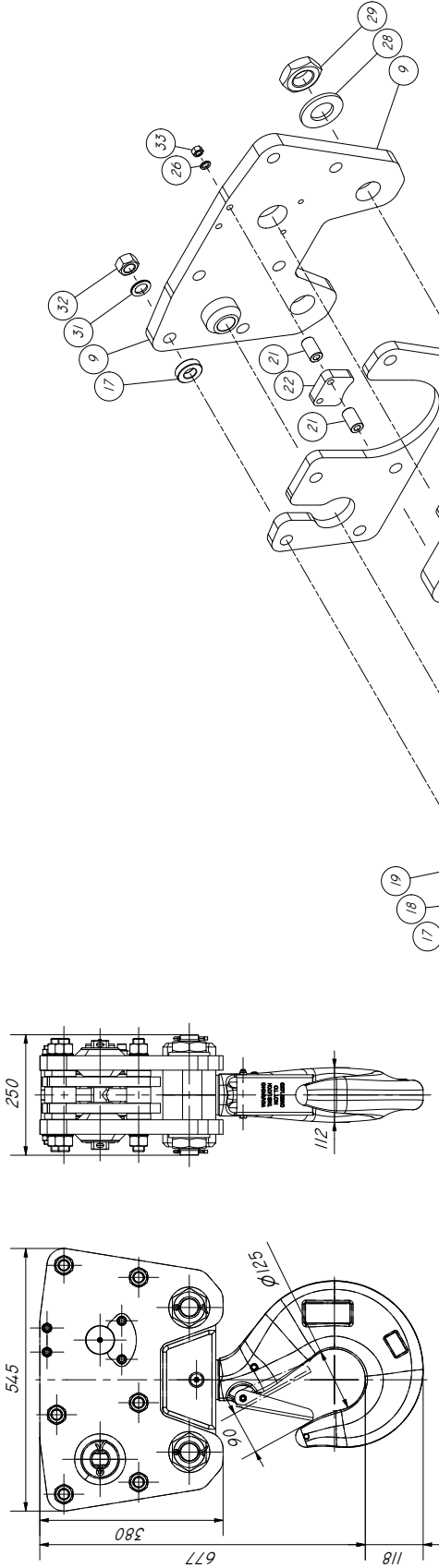
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	REV.
1	1	425814060	VALVE BODY	
2	1	425814C30	MAIN BUSH	
3	9	131103040	O-RING S-53	
4	1	425814100	MAIN SPOOL	
5	1	425814140	LIMIT LEVER	
6	2	425814C20	SPOOL CYLINDER	
7	2	131101006	O-RING P-8	
8	4	131103043	O-RING S-60	
9	2	425814C60	SPOOL PISTON	
10	2	425814C70	SPRING SHEET	
11	2	130802231	SPRING 26.5X4.2X3.5	
12	2	131101038	O-RING P-38	
13	2	131307006	WASHER M6	
14	2	132406110	CROSS-RECESSED HEAD MACHINE SCREW M6X10	
15	2	425814080	SIDE COVER	
16	8	131706025	HEX SOCKET HEAD CAP SCREW M6X25	
17	1	425814100	LIMIT GUIDE	
18	2	131103016	O-RING S-20	
19	1	130212013	DRY BEARING DDK05-1212	
20	1	130215012	DRY BEARING DDK05-1512	
21	8	131705014	HEX SOCKET HEAD CAP SCREW M5X14	
22	1	425814460	LIMIT SHAFT	
23	6	131103008	O-RING S-10	
24	2	131103010	O-RING S-12	
25	1	131307012	WASHER M12	
26	1	426103178	CONTROL LEVER CP	
27	1	130302012	RETAINING RING S-12	
28	1	426105680	VALVE SHAFT THRUST PLATE	
29	1	426105130	LIMIT VALVE SHAFT WASHER	
30	1	134501008	U-NUT M8	
31	1	425814M28	BRAKE VALVE CP	
32	1	131103007	O-RING S-9	
33	1	425814450	LIMIT RETAINER F	
34	1	425814450	LIMIT SPOOL BUSHING	
35	5	131103022	O-RING S-28	
36	1	425806440	LIMIT SPOOL	
37	1	130802232	SPRING 13.1X7.0X2.1	
38	1	426307250	SPRING SEAT	
39	1	426307480	LIMIT RETAINER	
40	1	132306025	HEX SOCKET SET SCREW M6X25	
41	1	134403106	HEX NUT M6	
42	1	130301032	RETAINING RING H-32	
43	1	130406005	PARALLEL FIN L410 H7	
44	1	426307450	ADJUST COVER	
45	4	130606019	SPRING PIN Ø15	
46	1	130802231	UNDER CASNET	
47	1	425814170	UNDER COVER	
48	1	130717140	O-RING AS568-144	
49	1	425814140	RETAINER	
50	2	131111111	SPRING PLG X10	
51	3	130402010	HEX SOCKET HEAD CAP SCREW M5X30	
52	3	131705030	HEX SOCKET SET SCREW M5X22	
53	2	132050222	HEX NUT M5	
54	2	134403205	HEX NUT M5	
55	4	132105005	HEX SOCKET SET SCREW M5X5	
56	1	134902012	HEX SOCKET PLUG 1	
57	1	425814G70	MAIN CUT BUSH	
58	3	131105036	O-RING AS568-036	
59	1	136102178	MAIN CUT SEAT	
60	1	425814H00	MAIN CUT HOLDER	
61	1	131706308	MAIN CUT VALVE	
62	1	425814G80	MAIN CUT CAP	
63	1	131103037	O-RING S-46	
64	1	131103037	RETAINING RING H-65	
65	1	130301065	INLET BUSHING CP	
66	1	425814G68	O-RING AS568-143	
67	1	13111743	HEX SOCKET HEAD CAP SCREW M8X28	
69	8	131708028	O-RING S-44	
70	1	131103035	VALVE GASNET	
71	1	136102179	CHOKE VALVE	
72	1	425818P30	CONTROL VALVE	

SCALE		TITLE OF PART		PART NUMBER	
NTS		CONTROL VALVE		TMH-30 CV	
DESIGNED BY		DATE		1 / 1	
DRAWN BY		08/09/2022			
CHECKED BY		REVISION WEIGHT			
APPROVED BY		0			
SHEET SIZE		REPLACES DRAWING			
A3		-			
		PROFILE NUMBER			
		-			
		IF IN DOUBT ASK			

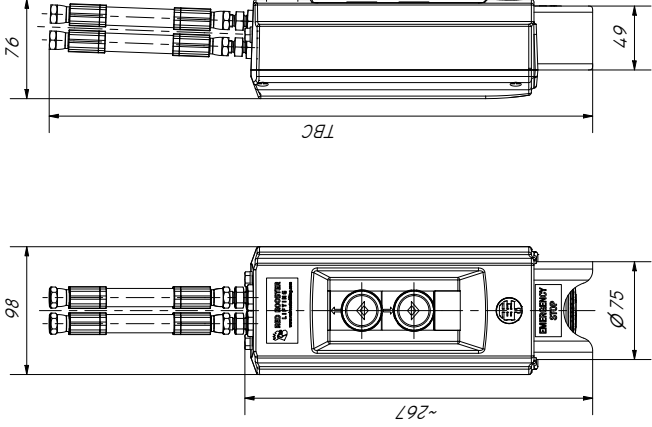


REVISION HISTORY		
REV.	DATE	APPROVED
0	01/07/2024	PAUL SHEWMAN



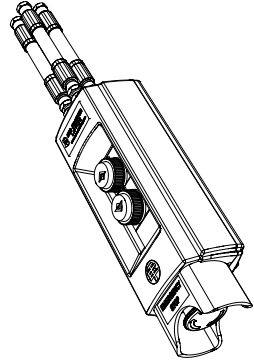
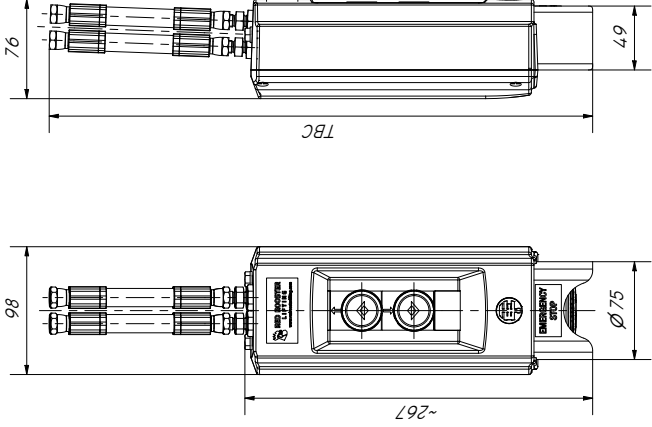
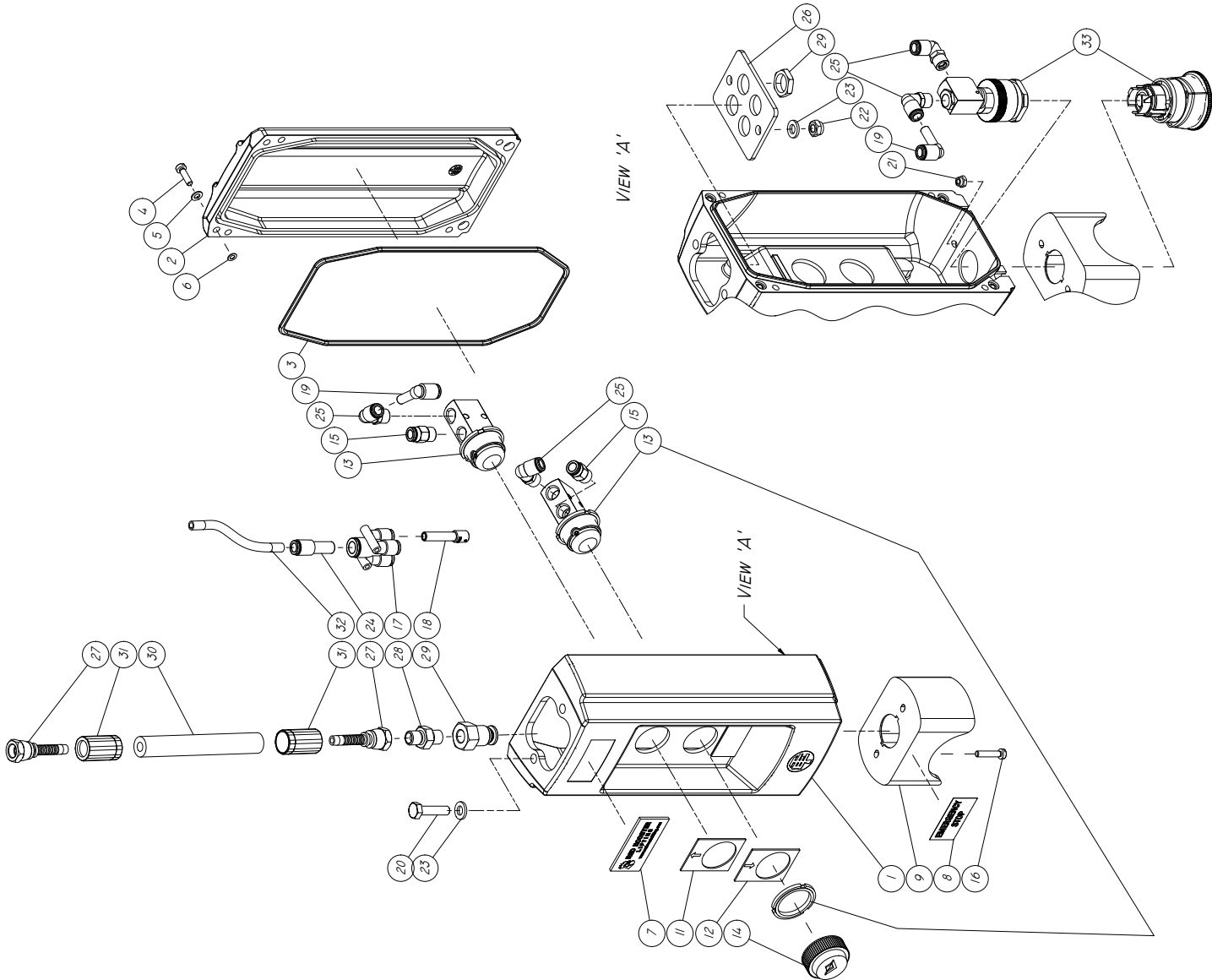
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	RRL 1578-23	HOOK
2	2	RRL 1578-22	THRUST RING
3	1	DIN 711 - 5/16 - 130 x 170 x 30	THRUST BALL BEARING
4	1	RRL 1578-14	BOTTOM HOOK HOLDER I
5	1	RRL 1578-15	BOTTOM HOOK HOLDER II
6	2	DIN 714/12 - A MB X 1 CONED SHORT	LUBRICATING NIPPLE, CONED TYPE A
7	2	ISO 2358 - 20 x 8 x 4.5	PARALLEL PIN
8	2	RRL 1578-21	LOAD BAR
9	1	RRL 1578-05	BOTTOM SIDE PLATE - RIGHT
10	1	RRL 1578-27	WHEEL SHAFT
11	1	RRL PW23.566-02	POCKET WHEEL (23.5x66 CHAIN) - BOTTOM BLOCK
12	2	DIN 3760 - A - 60 x 78 x 9 - NBR	OIL SEAL
13	4	RMAO 60x78x20	NEEDLE ROLLER BEARING
14	2	RRL SR23.566-02	SPACER RING
15	1	RRL 1578-32	CHAIN ANCHOR BOLT
16	6	RRL 1578-26	TIE ROD
17	12	RRL 1578-25	CHAIN GUIDE - SPACER
18	2	RRL 1578-11	BOTTOM CHAIN GUIDE
19	6	RRL 1578-24	CHAIN GUIDE - SPACER
20	2	RRL 1578-31	TIE ROD
21	4	RRL 1578-30	CHAIN GUIDE - SPACER
22	1	RRL 1578-29	CHAIN SEPARATOR
23	1	RRL 1578-06	BOTTOM SIDE PLATE - LEFT (W)
24	2	DIN EN ISO 1578-8	SHIT PIN
25	1	RRL 1578-28	THRUST PLATE
26	6	ISO 4762 - M12 x 4.0	M12 NORDLOCK WASHER GLUED PAIR
27	2	DIN 125 - A 46	HEXAGON SOCKET HEAD CAP SCREW
28	4	ISO 1035 - M4.5	WASHER
29	4	ISO 1035 - M4.5	HEX NUT - PRODUCT GRADES A AND B
30	4	DIN EN ISO 1234 - 6.3x52	M24 NORDLOCK WASHER GLUED PAIR
31	12	NUT 24	HEX NUT - PRODUCT GRADES A AND B
32	12	ISO 4032 - M24	HEX NUT - PRODUCT GRADES A AND B
33	4	ISO 4032 - M12	HEX NUT - PRODUCT GRADES A AND B
MATERIAL			
SCALE		TITLE OF PART	
NTS		TITLE OF PROJECT	
DESIGNED BY		PART NUMBER	
DRAWN BY		RRL 1578-02	
CHECKED BY		1 / 1	
APPROVED BY		DATE	
SHEET SIZE		03/06/2024	
A3		REVISION WEIGHT	
		0 223.9 KG	
		REPLACES DRAWING	
		-	
		PROFILE NUMBER	
		-	
		SURFACE ROUGHNESS	
		IF IN DOUBT ASK	

REVISION HISTORY		
REV.	DATE	APPROVED
0	21/03/2024	PAUL SHEWAN

[illegible]

RR1-VTP2-M - 2 STATION PENDANT

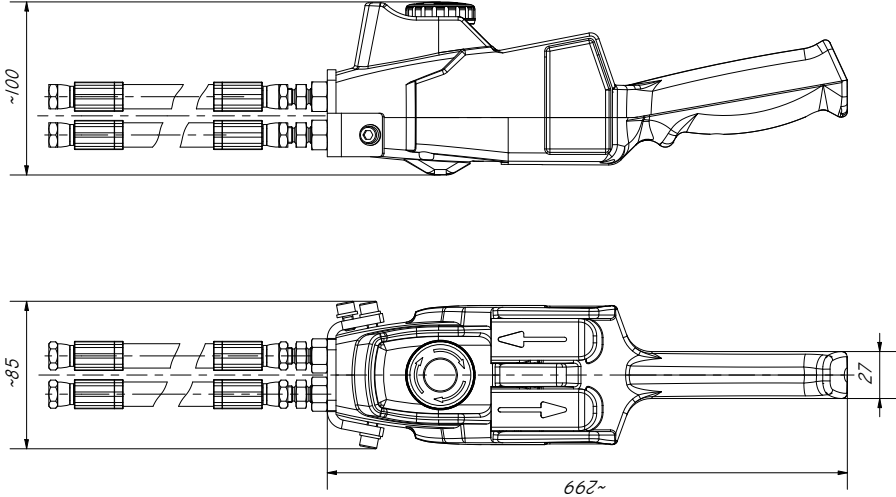
RRI-VTP2-M - 2 STATION PENDANT C/W EMERGENCY STOP VALVE (S406-MJV03-ASSY)



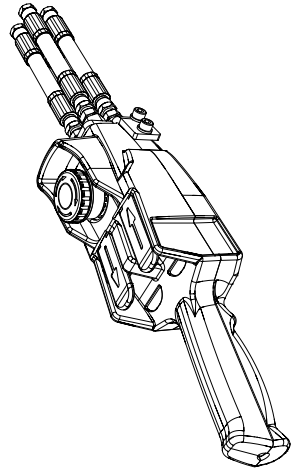
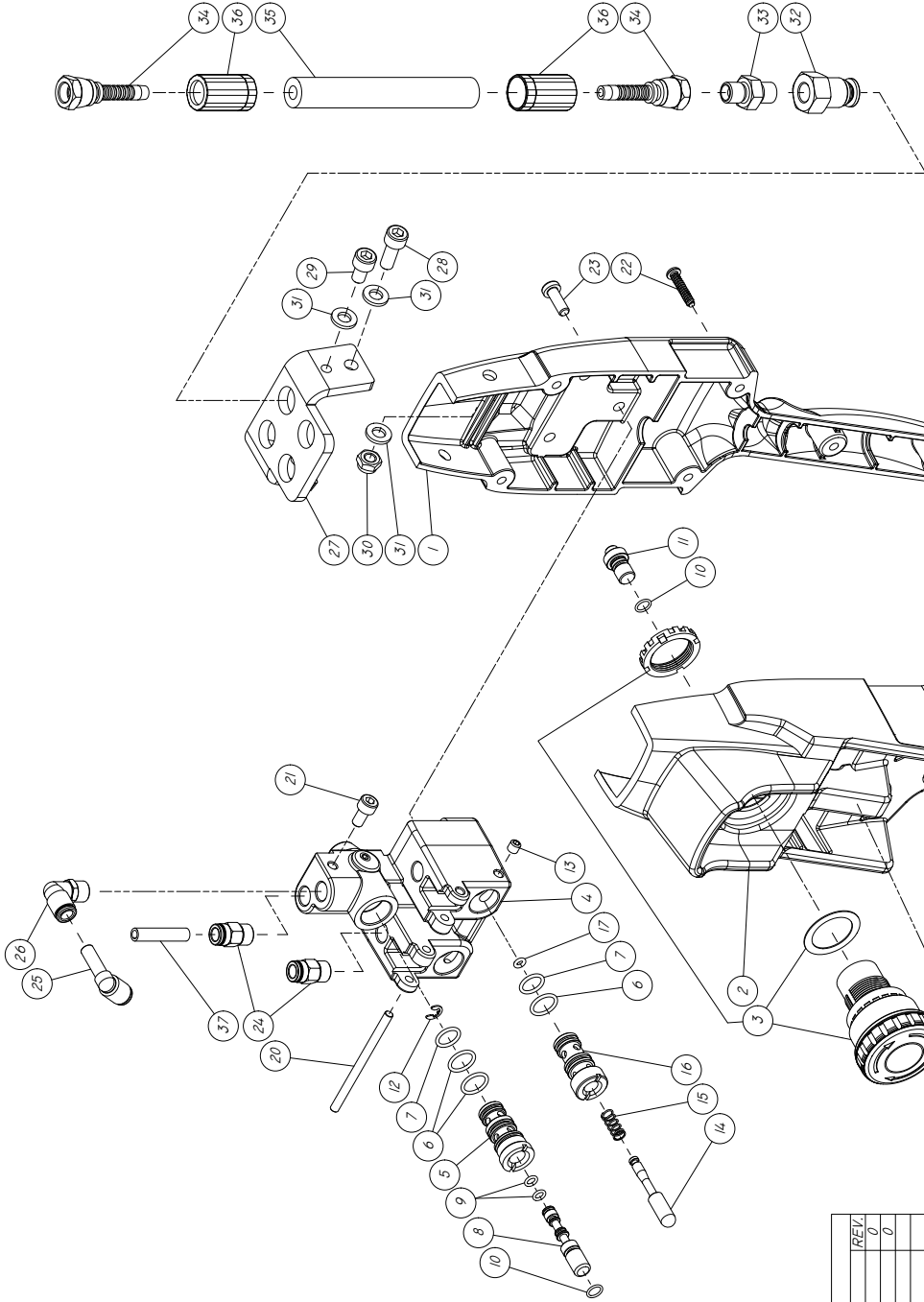
RRI-VTP2-M - 2 STATION PENDANT C/W EMERGENCY STOP VALVE (S406-MJV03-ASSY) - PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	RRI-VTP2-M-01	FRONT CASE
2	1	XACB02-02	REAR CASE
3	1	XACB02-03	RUBBER SEAL
4	4	XACB02-12	SLOTTED CHEESE HEAD SCREW M4x14
5	4	XACB02-13	WASHER M4
6	4	XACB02-14	PLASTIC WASHER M4
7	1	RRI-LABELREPROOSTER	RED ROOSTER LABEL
8	1	RRI-STOP-STOP	EMERGENCY STOP LABEL
9	1	RRI-STOP-STOP	YELLOW STOP GUARD
10	1	XACB02-15	DOWN LEGEND
11	1	XACB02-16	UP LEGEND
12	1	XACB02-17	STOP LEGEND
13	2	BIK-3209-20A-B-COVER	STOP LEGEND
14	2	BIK-3209-20A-B-COVER	STOP LEGEND
15	2	BIK-3209-20A-B-COVER	STOP LEGEND
16	2	BIK-3209-20A-B-COVER	STOP LEGEND
17	1	BIK-3209-20A-B-COVER	STOP LEGEND
18	1	BIK-3209-20A-B-COVER	STOP LEGEND
19	2	BIK-3209-20A-B-COVER	STOP LEGEND
20	2	BIK-3209-20A-B-COVER	STOP LEGEND
21	2	BIK-3209-20A-B-COVER	STOP LEGEND
22	2	BIK-3209-20A-B-COVER	STOP LEGEND
23	4	BIK-3209-20A-B-COVER	STOP LEGEND
24	1	BIK-3209-20A-B-COVER	STOP LEGEND
25	4	BIK-3209-20A-B-COVER	STOP LEGEND
26	1	BIK-3209-20A-B-COVER	STOP LEGEND
27	8	BIK-3209-20A-B-COVER	STOP LEGEND
28	4	BIK-3209-20A-B-COVER	STOP LEGEND
29	4	BIK-3209-20A-B-COVER	STOP LEGEND
30	4	BIK-3209-20A-B-COVER	STOP LEGEND
31	8	BIK-3209-20A-B-COVER	STOP LEGEND
32	7	BIK-3209-20A-B-COVER	STOP LEGEND
33	1	BIK-3209-20A-B-COVER	STOP LEGEND
SCALE: 1:1			
MATERIAL: S406-MJV03-ASSY			
TITLE OF PART: EMERGENCY STOP VALVE AND BUTTON			
PART NUMBER: RRI-VTP2-M-00			
REVISION: 2 / 2			
DATE: 12/10/2023			
REVISION WEIGHT: 0			
REPLACES DRAWING: -			
PROFILE NUMBER: -			
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS			
TOLERANCES:			
LINEAR: ±0.1			
ANGULAR: ±0.5°			
SURFACE ROUGHNESS: IF IN DOUBT, ASK			

VRD-2R STATION PENDANT - STANDARD VERSION

REVISION HISTORY		
REV.	DATE	APPROVED
0	21/03/2024	PAUL SHEWAN



VRD-2R STATION PENDANT - STANDARD VERSION - PARTS LIST			
ITEM QTY	PART NUMBER	DESCRIPTION	REV.
1	VRD-2R-01-ST	REAR CASE	0
2	VRD-2R-02-ST	FRONT CASE	0
3	136690503	EMERGENCY STOP BUTTON	
4	4202281R0	VALVE BODY	
5	4202281V0	EMERGENCY STOP BUSHING	
6	137033009	O-RING S-17.2	
7	137033008	O-RING S-10	
8	420224161	EMERGENCY STOP VALVE	
9	137033002	O-RING S-4	
10	137033004	O-RING S-6	
11	420228W00	PUSH ROD	
12	130503004	RETAINING RING E-4	
13	137036005	HEX SOCKET SET SCREW M5X5	
14	420218V50	THROTTLER VALVE	
15	130802220	SPRING 6X14X0.6	
16	420218V0	BUSHING	
17	137033001	O-RING S-3 (HS90)	
18	420223W40	LEVER FIN	
19	137033003	LEVER U	
20	137033003	LEVER D	
21	137033003	HEX SOCKET HEAD CAP SCREW M5X10	
22	132021220	PHILLIPS PAN HEAD SELF-TAPPING SCREW 4X20	
23	132105014	PHILLIPS TORX HEAD MACHINE SCREW M5X14	
24	P018	1/8" BSP TO GYM ELBOW FIT	
25	P018	GYM PUMP TO GYM ELBOW FIT	
26	S01P	1/8" BSP TO GYM PUSHFIT ELBOW	
27	VRD-2R-03	PENDANT BRACKET	0
28	113-IP	HEX SOCKET HEAD CAP SCREW M6X16	
29	112P	HEX SOCKET HEAD CAP SCREW M6X10	
30	130P	HEX NYLOC NUT M6	
31	145P	FLAT WASHER M6	
32	P245	GMM TO 1/8" BSP BULKHEAD ADAPTOR	
33	P017-I	1/8" BSP HEX NYLOC C/W 60° CONE	
34	P016-I	1/8" BSP TO 1/4" SWIVEL HOSE TAIL	
35	I-4 HOSE	1/4" ANTI-STATIC 20BAR BLACK AIR HOSE (BS EN ISO 2398-2:2016)	
36	P002-I	1/4" HOSE FERRULE (GALVANISED)	
37	HP7	GMM POLYURETHANE TUBES	



SCALE		MATERIAL		TITLE OF PART		GENERAL ASSEMBLY		PART NUMBER	
NTS		(SEE EXPLANATION)		DATE		DATE		VRD-2R-00	
DESIGNED BY		SIGNATURE		03/08/2023		06/08/2023		1 / 2	
DRAWN BY		R. THOREK		06/08/2023		0		REVISION WEIGHT	
CHECKED BY		T. MIKOLAJENSKI		09/08/2023		2.1 KG		L INGEAR	
APPROVED BY		P. SHEWAN		10/08/2023		REPLACES DRAWING		UNLESS OTHERWISE SPECIFIED	
SHEET SIZE		A3		TITLE OF PROJECT		VRD-2R STATION PENDANT		ALL DIMENSIONS IN MILLIMETERS	
TITLE OF PROJECT		VRD-2R STATION PENDANT		REPLACES DRAWING		-		TOLERANCES	
TITLE OF PROJECT		VRD-2R STATION PENDANT		REPLACES DRAWING		-		LINEAR	
TITLE OF PROJECT		VRD-2R STATION PENDANT		REPLACES DRAWING		-		ANGULAR	
TITLE OF PROJECT		VRD-2R STATION PENDANT		REPLACES DRAWING		-		SURFACE ROUGHNESS	
TITLE OF PROJECT		VRD-2R STATION PENDANT		REPLACES DRAWING		-		IF IN DOUBT ASK	

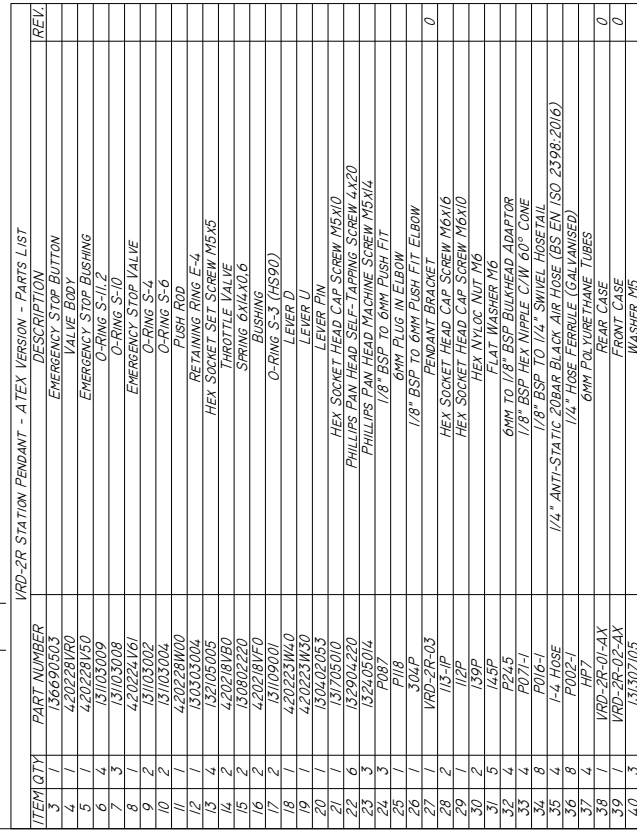
Technical drawing of the 662~ model, showing a side view and a front view. The side view shows a long, slender tool with a handle and a long shaft. The front view shows the tool's head with two large, curved blades and a central circular component. Dimensions are provided for both views.

Side View Dimensions:

- Overall length: ~100
- Shaft diameter: 27

Front View Dimensions:

- Overall width: ~85
- Shaft diameter: 27
- Head width: 662~



SCALE NTS	MATERIAL	(SEE ENDVIEW 1)		TITLE OF PART	GENERAL ASSEMBLY	PART NUMBER VRD-2R-00 2.1.2
		SIGNATURE	SIGNATURE			
DESIGNED BY	R. THOREK	DATE	03/08/2023		DATE	06/08/2023
DRAWN BY	R. THOREK	DATE	06/08/2023		REVISION WEIGHT	0 2.1 KG
CHECKED BY	T. MICHALCZAK	DATE	09/08/2023		REPLACES DRAWING	-
APPROVED BY	P. SIERWAN	DATE	01/08/2023		PROFILE NUMBER	-
SHEET SIZE	A3			VRD-2R STATION PENDANT		

[illegible]