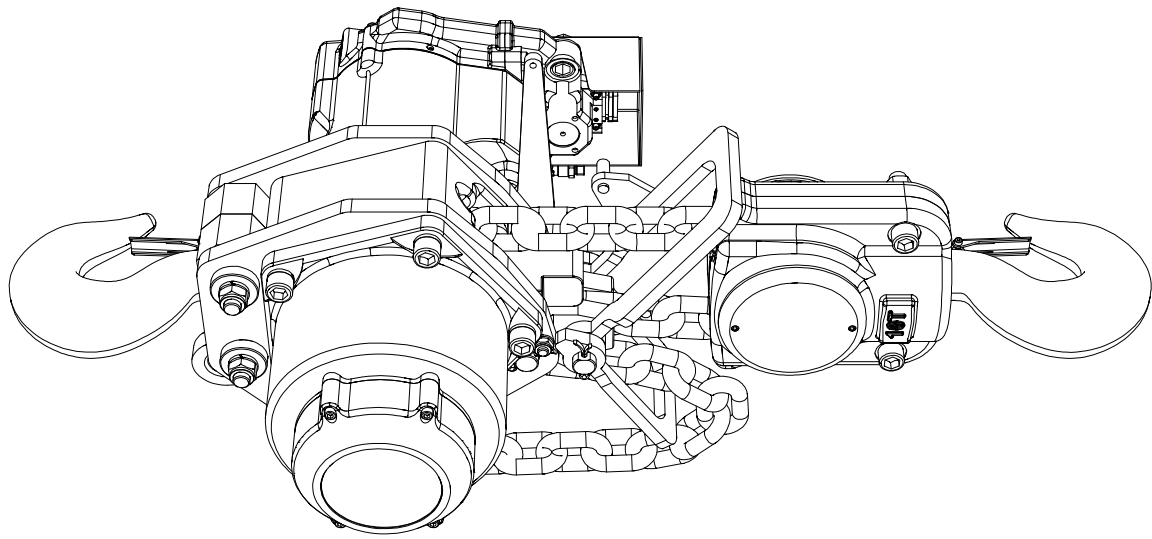
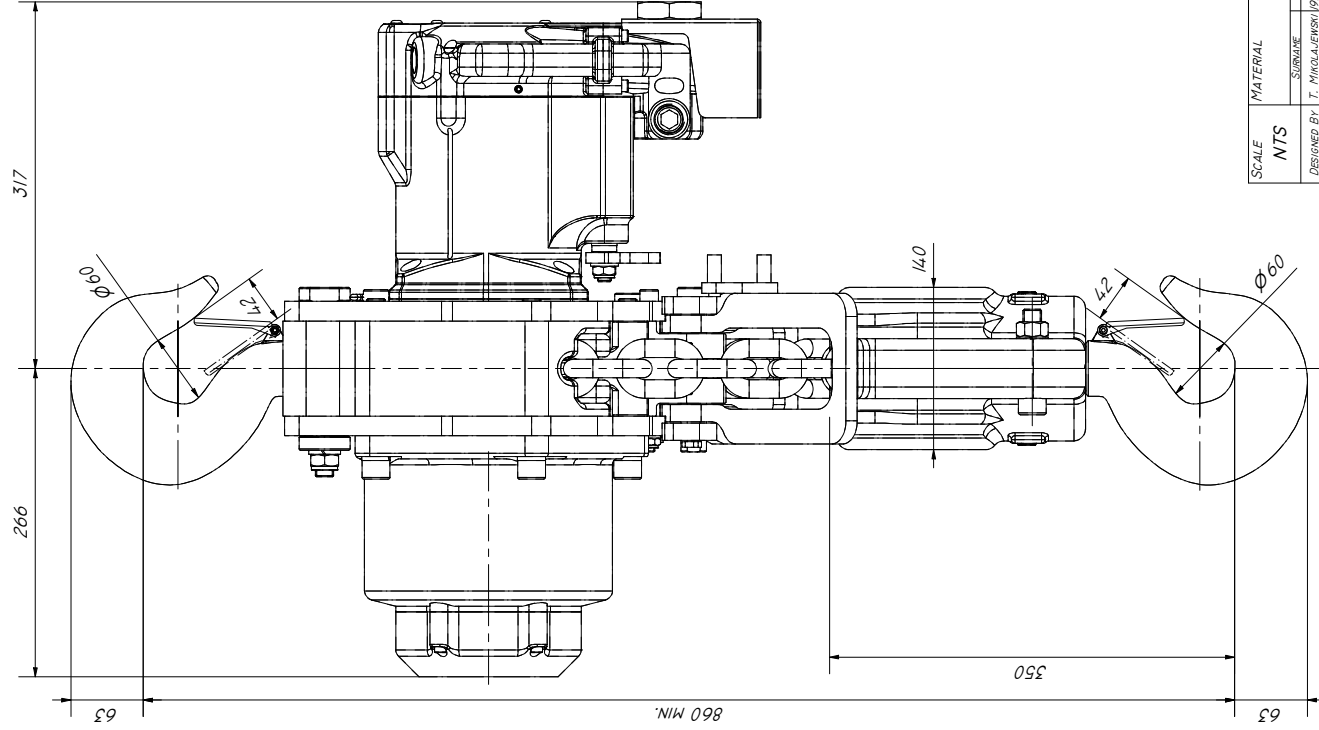
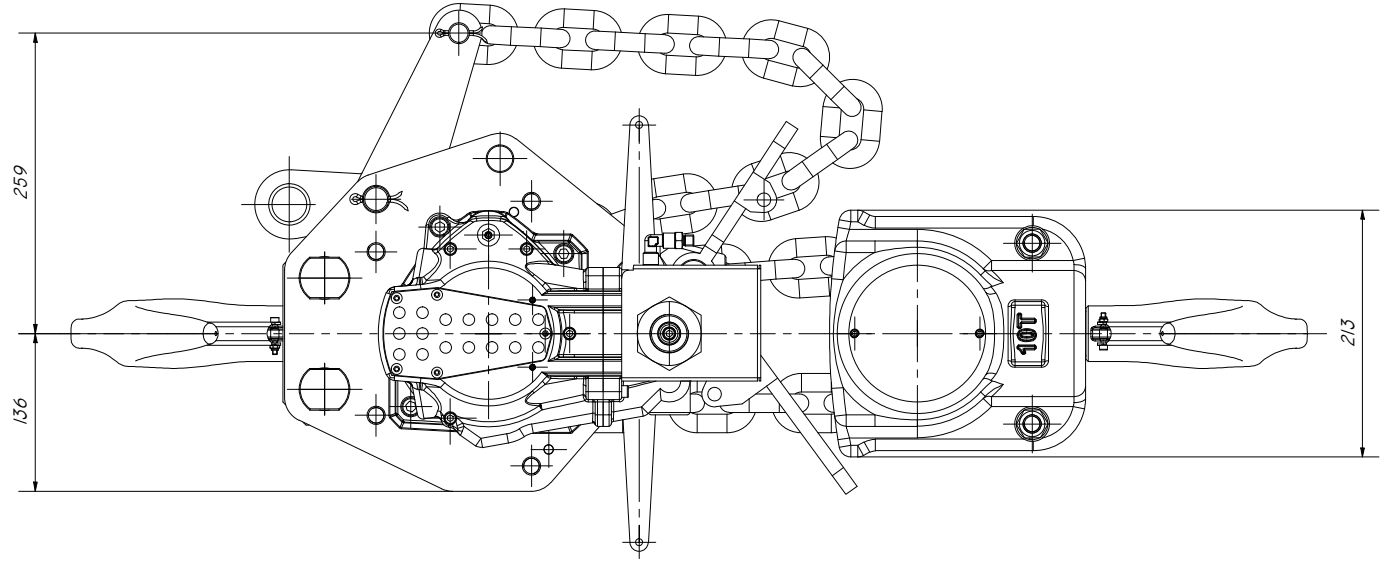
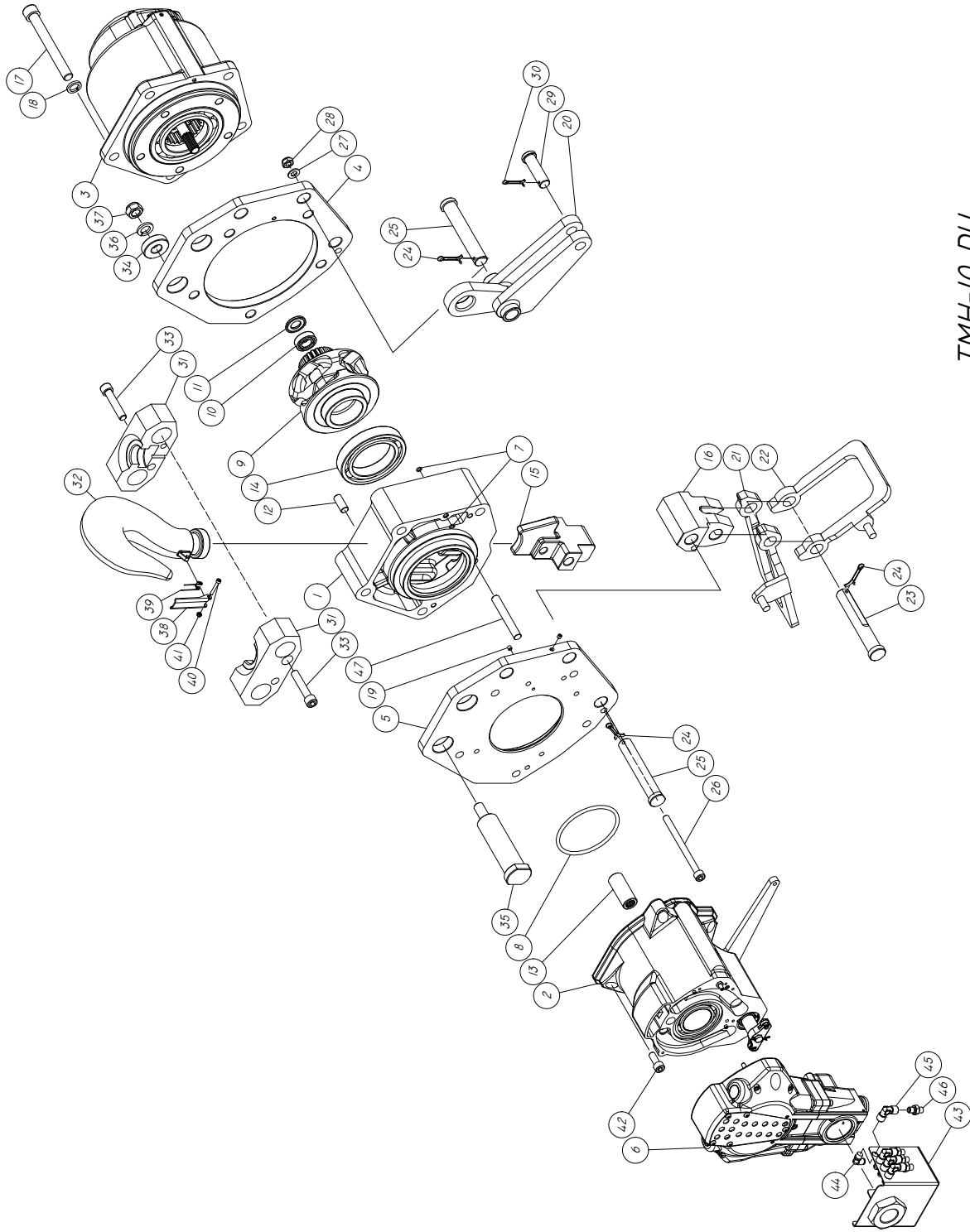




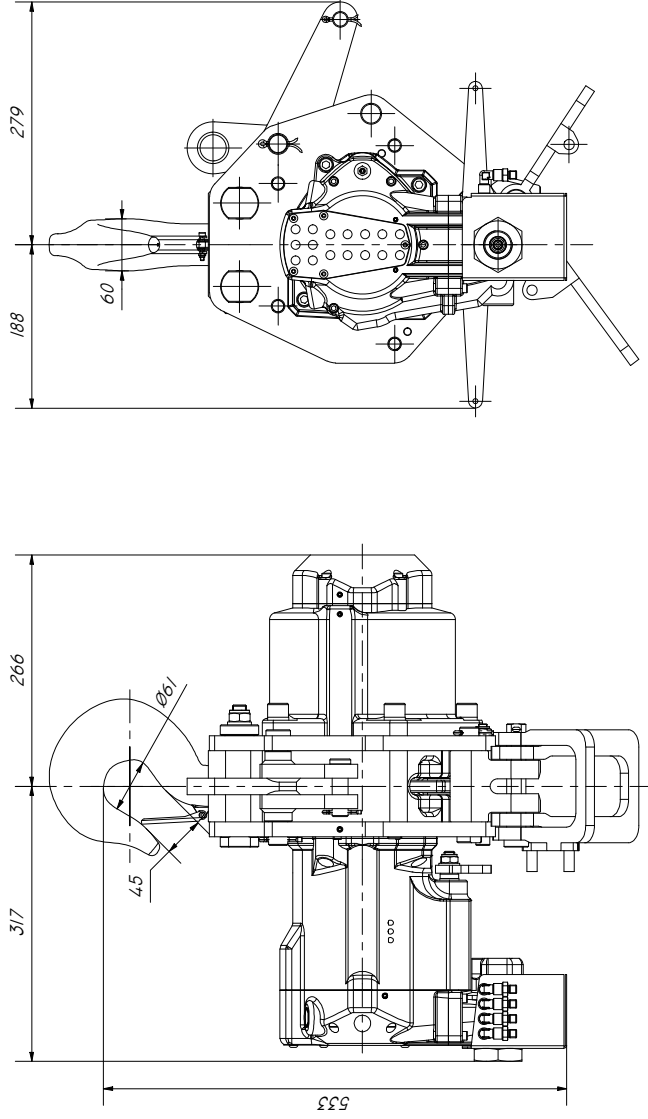
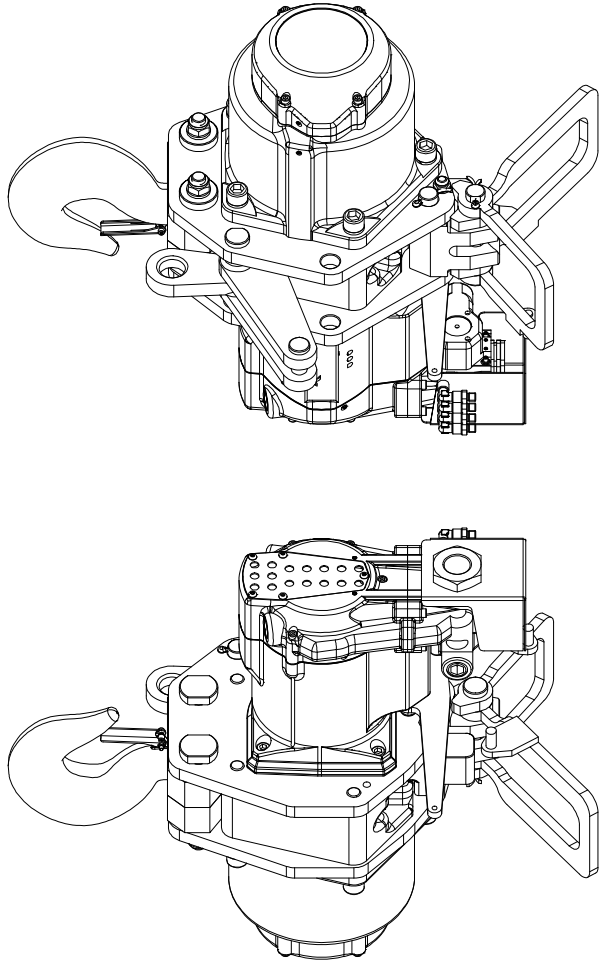
SCALE		MATERIAL		TITLE OF PART		GENERAL ASSEMBLY		PART NUMBER	
NTS								TMH-10TP2E	
DESIGNED BY		SIGNATURE		DATE		24/11/2020		1 / 2	
DRAWN BY		T. MIKOLAJEWSKI		24/11/2020		REVISION		TOLERANCES	
CHECKED BY		W. MORRISON		25/11/2020		1		UP TO ± 0.005	
APPROVED BY		B. AITKEN		26/11/2020		REPLACES DRAWING		OVER 0.005 UP TO 0.010	
SHEET SIZE		TITLE OF PROJECT				-		OVER 0.010 UP TO 0.015	
A3		TMH10 - 10 T 2F AH				-		OVER 0.015 UP TO 0.020	
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REVISION HISTORY		
REV.	DATE	APPROVED
1	11/02/2021	W. MORRISON



TMH-10 DU

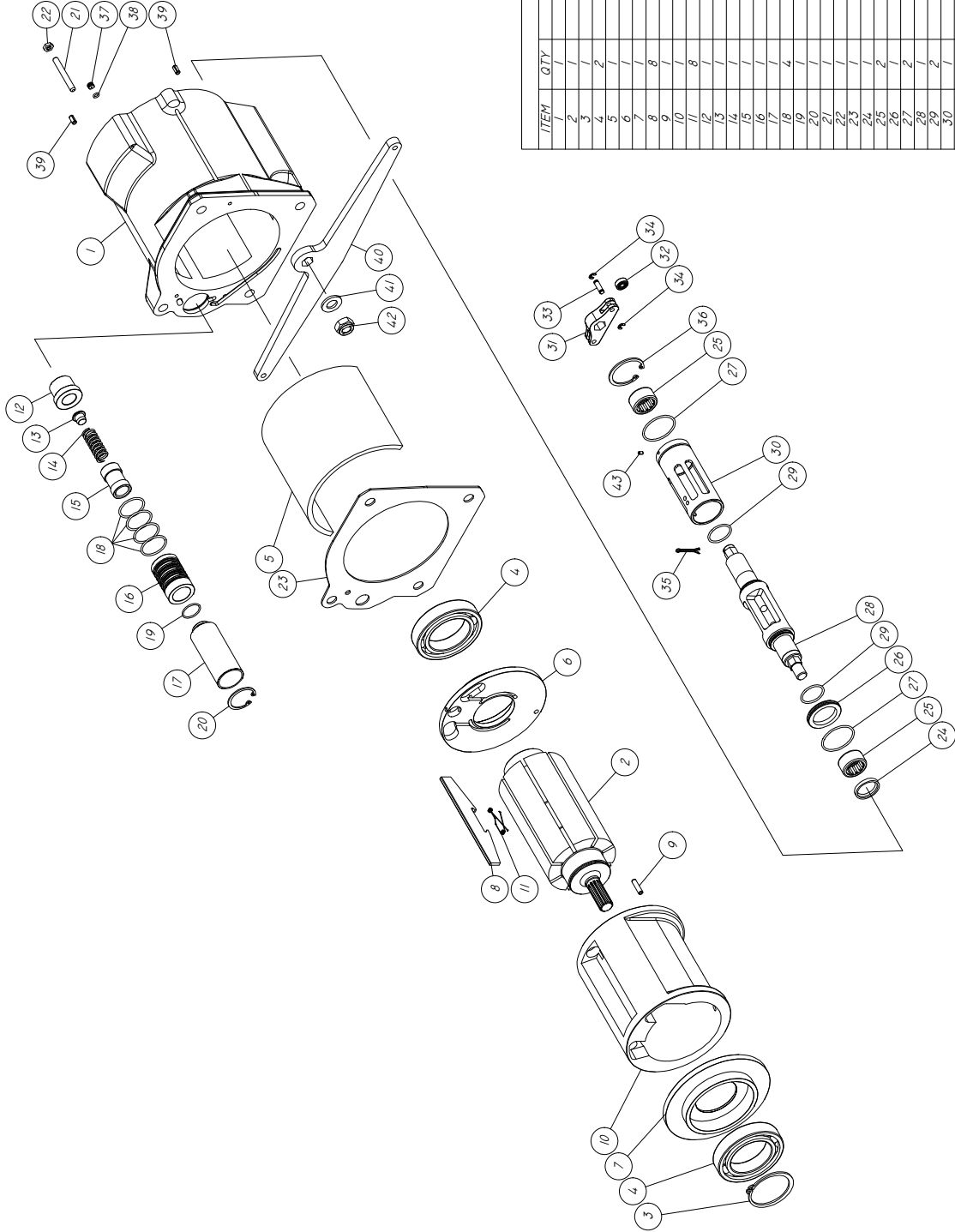
SCALE		MATERIAL		TITLE OF PART		DRIVE UNIT		PART NUMBER	
NTS		(or equivalent)		SIGNATURE		DATE		TMH-10 DU 1 / 8	
DESIGNED BY		T. MINOULENISKI		10/1/2020		23/11/2020		ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES LINES ± 0.05 OTHER DIMS UP TO 50.0 ± 0.15 OTHER DIMS UP TO 100.0 ± 0.25 OTHER DIMS UP TO 150.0 ± 0.3 OTHER DIMS UP TO 200.0 ± 0.5	
DRAWN BY		O. MORGAN		23/11/2020		1		REVISION WEIGHT	
CHECKED BY		W. MORRISON		25/11/2020		1		177.7 KG	
APPROVED BY		B. AITKEN		27/11/2020		-		REPLACES DRAWING	
SHEET SIZE		A3		TITLE OF PROJECT		-		PROFILE NUMBER	
								SURFACE ROUGHNESS $\sqrt{R}$ IF IN DOUBT $\sqrt{A}$	



TMH-10 DU PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	425828350	CHAIN GUIDE
2	1	TMH-10 AM	AIR MOTOR
3	1	TMH-10 GB	GEAR BOX
4	1	425828480	MIDDLE PLATE G
5	1	425828490	MIDDLE PLATE M
6	1	TMH-10 CV	CONTROL VALVE
7	2	13103005	O-Ring S-7
8	1	13107068	O-Ring P-100
9	1	425828450	LOAD SHEAVE
10	1	130104004	BEARING 6003
11	1	425828420	BEARING COVER
12	3	426301160	KNOCK PIN
13	1	425806200	COUPLING
14	1	15016015	BEARING 6015 DDU
15	1	426303420	CHAIN SEPARATOR
16	1	426303420	CHAIN SET PLATE
17	5	131716140	HEXAGON SOCKET HEAD CAP SCREW M16X140
18	5	13130106	SPRING WASHER M16
19	2	132706006	HEX SOCKET SET SCREW M16X16
20	1	426301470	CHAIN END CONNECTOR
21	1	425828480	LIMIT LEVER U
22	1	425828420	LIMIT LEVER D
23	1	425828460	CHAIN SET SPINDLE
24	3	425828460	SPLIT PIN 5X30
25	2	426301460	CHAIN SET PLATE SCREW M10X130
26	1	131701350	HEXAGON SOCKET HEAD CAP SCREW M10X130
27	1	131507010	WASHER M10
28	1	131501010	WASHER M10
29	1	426301480	CHAIN END PIN
30	1	130704032	SPLIT PIN LX32
31	2	425828570	HOOK END PIECE
32	1	426303521	HOOK
33	2	131712060	HEX SOCKET HEAD CAP SCREW M12X60
34	2	426303590	WASHER
35	2	426303460	HANGER PIN
36	2	13101016	SPRING WASHER M16
37	2	131501016	U NUT M16
38	1	420820130	HOOK SAFETY CLAW
39	1	130802046	HOOK SPRING
40	1	131704028	HEX SOCKET HEAD CAP SCREW M4X28
41	1	131501004	U NUT M4
42	4	131710025	HEXAGON SOCKET HEAD CAP SCREW M10X25
43	1	PEB-01	PENDANT BRACKET (TMH-3000 & TMH-10)
44	4	K021.06-01NS	1/8" BSP MALE TO 6MM PUSH FIT ELBOW
45	4	FELQ2NP	1/8" FEMALE ELBOW
46	4	100-0202	1/8" MALE TO 1/8" MALE NIPPLE
47	1	426301140	CHAIN SEPARATOR PIN

SCALE		MATERIAL		TITLE OF PART		DRIVE UNIT		PART NUMBER	
NTS		(or equivalent)						TMH-10 DU	
								2 / 8	
								UNLESS OTHERWISE SPECIFIED	
								ALL DIMENSIONS ARE IN MILLIMETERS	
								TOLERANCES	
								FRACTIONS	
								UP TO 0.05	
								OVER 0.05 UP TO 0.1	
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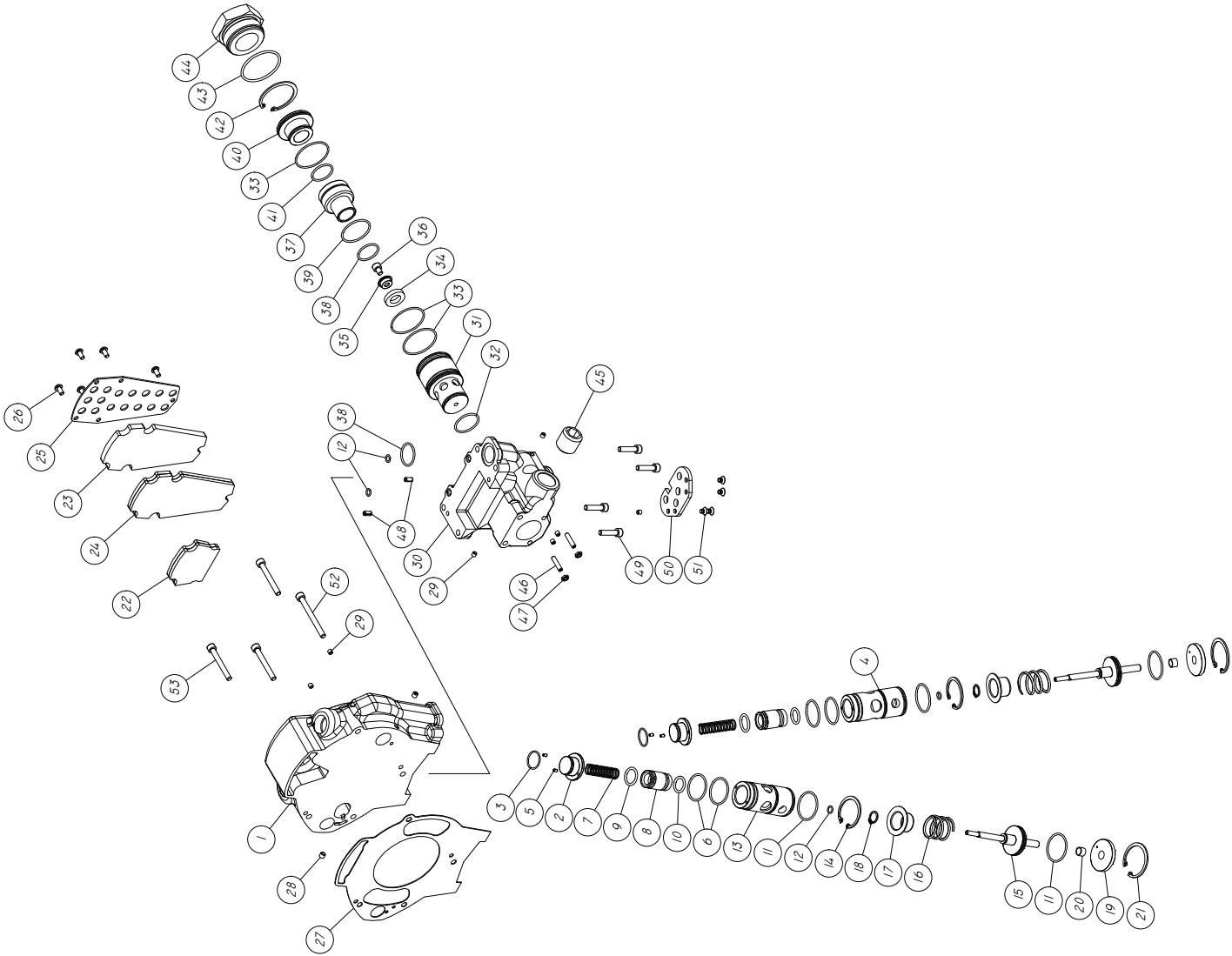
REVISION HISTORY		
REV.	DATE	APPROVED
0	19/11/2020	B. AITKEN



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	425806790	MOTOR CASE
2	1	425806750	MOTOR
3	1	130302050	RETAINING RING S-50
4	2	130106011	BEARING 6010
5	1	425806708	SILENCER M C/P
6	1	425806780	REAR PLATE
7	1	425806710	FRONT PLATE
8	8	137102033	YAKE
9	1	136603020	SPRING PIN 5x20
10	1	425806750	CYLINDER
11	8	130802230	LIFT SPRING
12	1	425806760	LIMIT RETAINER B
13	1	425806760	SPRING 13x07x2
14	1	130802230	LIMIT RETAINER F
15	1	425806750	SPRING 13x07x2
16	1	425806750	LIMIT RETAINER F
17	1	425806750	LIMIT RETAINER F
18	4	131030022	O-RING S-28
19	1	131030016	O-RING S-20
20	1	130301032	RETAINING RING H-32
21	1	132306050	HEX SOCKET HEAD CAP SCREW M6x50
22	1	134403106	HEX NUT M6
23	1	136102180	MOTOR GASKET
24	1	131216003	DUST SEAL OS22294
25	2	130132106	NEEDLE BEARING FA2215Z
26	1	425806790	LIMIT WASHER
27	2	131030029	O-RING S-36
28	1	425806760	LIMIT SHAFT
29	2	131030021	O-RING S-26
30	1	425806740	LIMIT SHAFT BUSHING
31	1	425806740	LIMIT LEVER
32	2	130103005	BEARING 6052Z
33	2	425806720	ROLLER SHAFT
34	4	130303004	RETAINING RING E-4
35	1	130702125	SPLIT PIN 2.5x25
36	1	130301040	RETAINING RING H-40
37	1	425806770	LIMIT PLUG
38	1	131030033	O-RING S-5
39	2	130605010	SPRING PIN 5x10
40	1	425806750	CORD LEVER
41	1	131070102	WASHER M12
42	1	134501012	U NUT M12
43	1	130603005	SPRING PIN 3x5

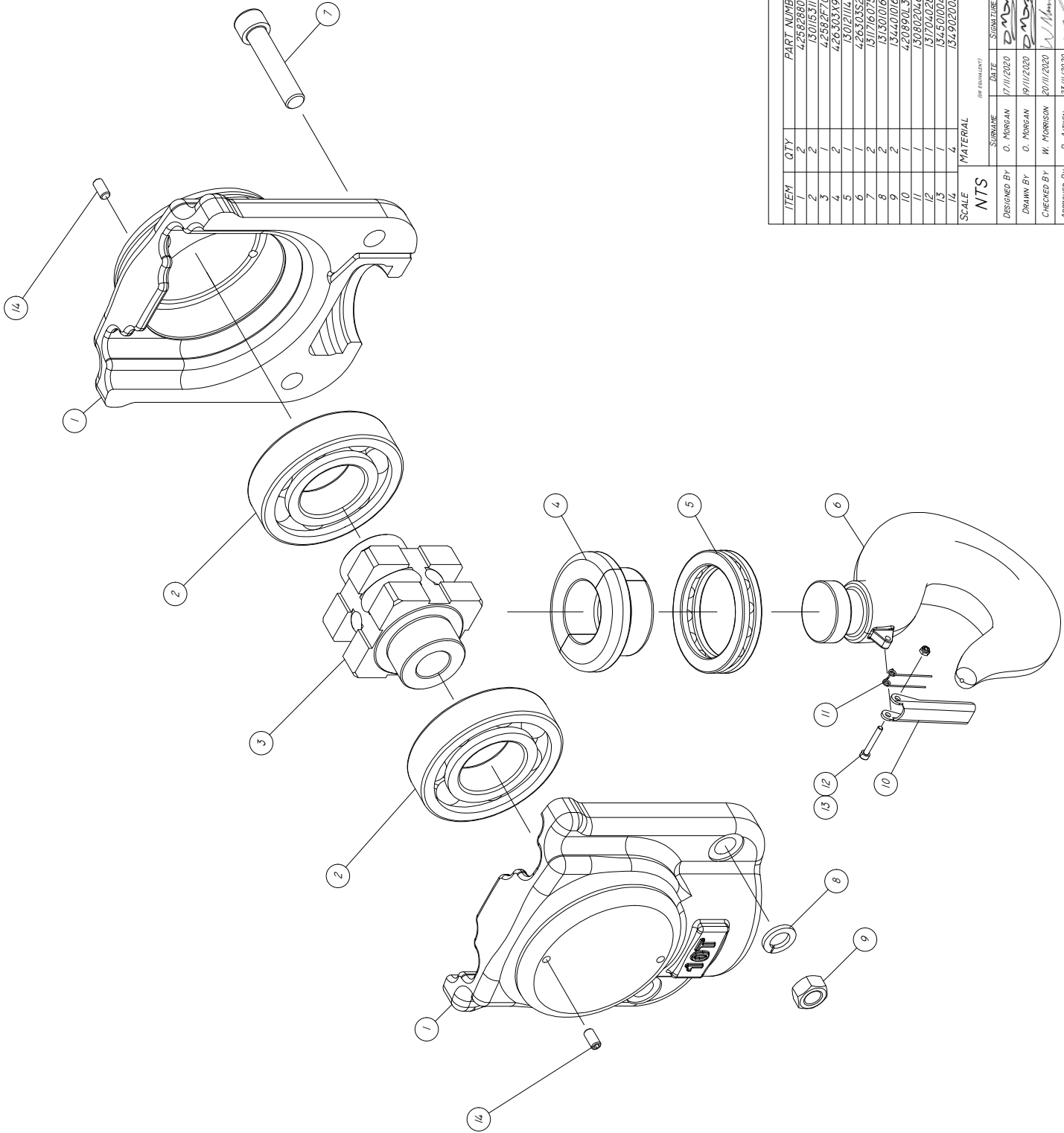
SCALE		TITLE OF PART		PART NUMBER	
NTS		AIR MOTOR		TMH-10 AM	
DESIGNED BY	SIGNATURE	DATE	SIGNATURE	1 / 1	
O. MORGAN		09/10/2020			
DRAWN BY	SIGNATURE	DATE	SIGNATURE		
O. MORGAN		19/11/2020			
CHECKED BY	SIGNATURE	DATE	SIGNATURE		
W. MORRISON		20/11/2020			
APPROVED BY	SIGNATURE	DATE	SIGNATURE		
B. AITKEN		23/11/2020			
SHEET SIZE	TITLE OF PROJECT				
A3					
REVISION HISTORY					
DATE					
APPROVED					
B. AITKEN					
19/11/2020					
REVISION WEIGHT					
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REVISION HISTORY		
REV.	DATE	APPROVED
0	19/11/2020	B. AITKEN

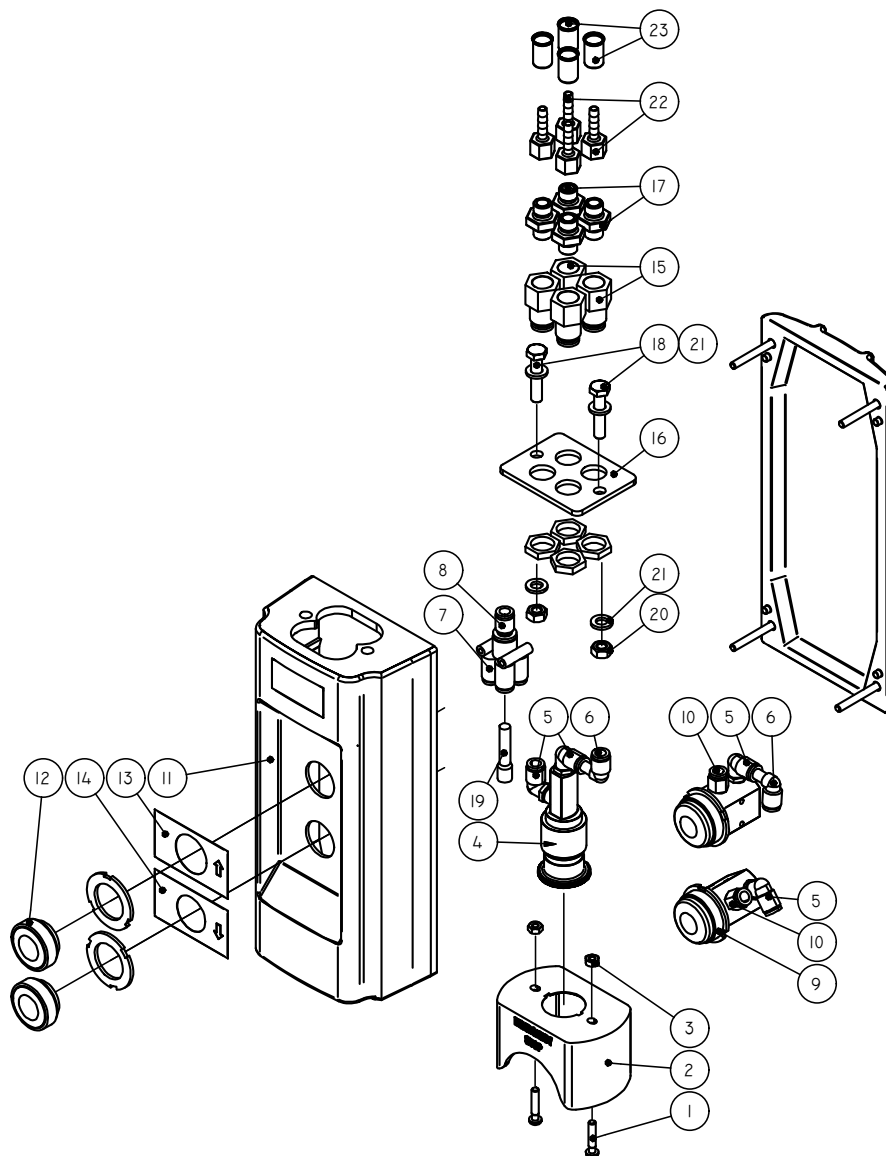


PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	REV.
1	1	425806060	VALVE BODY	
2	2	425806430	BUSH CAP	
3	2	13103016	O-Ring S-20	
4	1	425806060	VALVE BUSHING (D)	
5	4	130603005	SPRING PIN 3x5	
6	4	13103024	O-Ring S-30	
7	2	130802227	SPRING 11.4x16x1.4	
8	2	425806060	THROTTLE VALVE	
9	2	13117115	O-Ring AS568-1/5	
10	2	13118113	O-Ring S-32	
11	4	13103026	O-Ring S-7	
12	4	13103005	VALVE BUSHING (U)	
13	1	425806060	RETAINING RING H-36	
14	2	130301036	PISTON	
15	2	425806060	SPRING 20x32x2.6	
16	2	130802228	RETAINING RING H-40	
17	2	425806060	VALVE CAP	
18	2	130302012	BEARING K5B0807	
19	2	425806420	RETAINING RING H-40	
20	2	130216001	SILENCER (S)	
21	2	130301040	SILENCER (SL)	
22	2	13102055	EXHAUST PLATE	
23	1	13102057	HEX SOCKET BUTTON HEAD SCREW M5x10	
24	2	13102056	VALVE GASKET	
25	1	425806810	HEX SOCKET SET SCREW M6x6	
26	5	131905010	HEX SOCKET SET SCREW M5x5	
27	1	13102171	MAIN CUT BUSHING	
28	2	132106006	O-Ring S-29	
29	8	132050005	O-Ring AS568-030	
30	1	425806470	MAIN CUT SEAT	
31	1	425806670	HEX SOCKET HEAD CAP SCREW M6x8	
32	1	13103023	MAIN CUT VALVE	
33	3	13117030	O-Ring S-25	
34	1	136102173	O-Ring S-35	
35	1	425806H00	O-Ring S-26	
36	1	131706308	RETAINING RING H-47	
37	1	425806680	O-Ring AS568-134	
38	2	13103020	INLET BUSHING CP	
39	1	13103028	HEX SOCKET HEAD PLUG PT3/4	
40	1	425806690	HEX SOCKET SET SCREW M5x22	
41	1	13103021	HEX NUT M5	
42	1	130301047	SPRING PIN 5x10	
43	1	13117134	HEX SOCKET HEAD CAP SCREW M6x25	
44	1	425806G68	PILOT SILENCER	
45	1	134902011	CROSS-RECESSED HEAD SCREW M5x6	
46	2	132105022	HEX SOCKET HEAD CAP SCREW M6x6	
47	2	134403205	HEX SOCKET HEAD CAP SCREW M6x50	
48	2	130605010	HEX SOCKET HEAD CAP SCREW M6x50	
49	4	131706025	HEX SOCKET HEAD CAP SCREW M6x50	
50	1	131702060		
51	4	132905206		
52	1	131706065		
53	3	131706050		
SCALE MATERIAL TITLE OF PART				
CONTROL VALVE				
DATE 19/11/2020				
REVISION WEIGHT 0 13.1 KG				
REPLACES DRAWING -				
PROFILE NUMBER -				
PART NUMBER TMH-10 CV				
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS				
TOLERANCES				
LINEAR				
OVER 0.5 UP TO 1.0 ±0.1				
OVER 1.0 UP TO 3.0 ±0.2				
OVER 3.0 UP TO 10.0 ±0.5				
OVER 10.0 UP TO 30.0 ±1.0				
OVER 30.0 UP TO 100.0 ±1.5				
ANGULAR ±0.5°				
SURFACE ROUGHNESS				
IF IN DOUBT ASK				

REVISION HISTORY		
REV.	DATE	APPROVED
0	24/11/2020	B. AITKEN



PARTS LIST			REV.	
ITEM	QTY	PART NUMBER	DESCRIPTION	REV.
1	2	425828800	UNDER HOOK HOLDER	
2	2	130165311	BEARING 6310DDU	
3	1	425828770	FREE CHAIN WHEEL	
4	2	426303X90	HOOK THRUST RING	
5	1	130121114	THRUST BEARING 511/4	
6	1	426303S21	HOOK	
7	2	131176075	HEX SOCKET HEAD CAP SCREW M16X75	
8	2	131301016	SPRING WASHER M16	
9	2	134401016	HEX NUT M16	
10	1	420890L30	HOOK SAFETY CLAW	
11	1	130802046	HOOK SPRING	
12	1	131704028	HEX SOCKET HEAD CAP SCREW M4X28	
13	1	134501004	U NUT M4	
14	4	134902005	HEX PLUG R1/16	
SCALE			TITLE OF PART	
NTS			PART NUMBER	
			TMH-10 BB	
			1 / 1	
			BOTTOM BLOCK	
			DATE	
			19/11/2020	
			REVISION WEIGHT	
			0 29.0 KG	
			REPLACES DRAWING	
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			PROFILE NUMBER	
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			UNLESS OTHERWISE SPECIFIED	
			ALL DIMENSIONS IN MILLIMETERS	
			TOLERANCES	
			LINEAR	
			DIM UP TO 300.0	
			DIM 300.0 TO 600.0	
			DIM 600.0 TO 1000.0	
			DIM OVER 1000.0	
			ANGULAR ± 0.5°	
			SURFACE ROUGHNESS	
			IF IN DOUBT ASK	

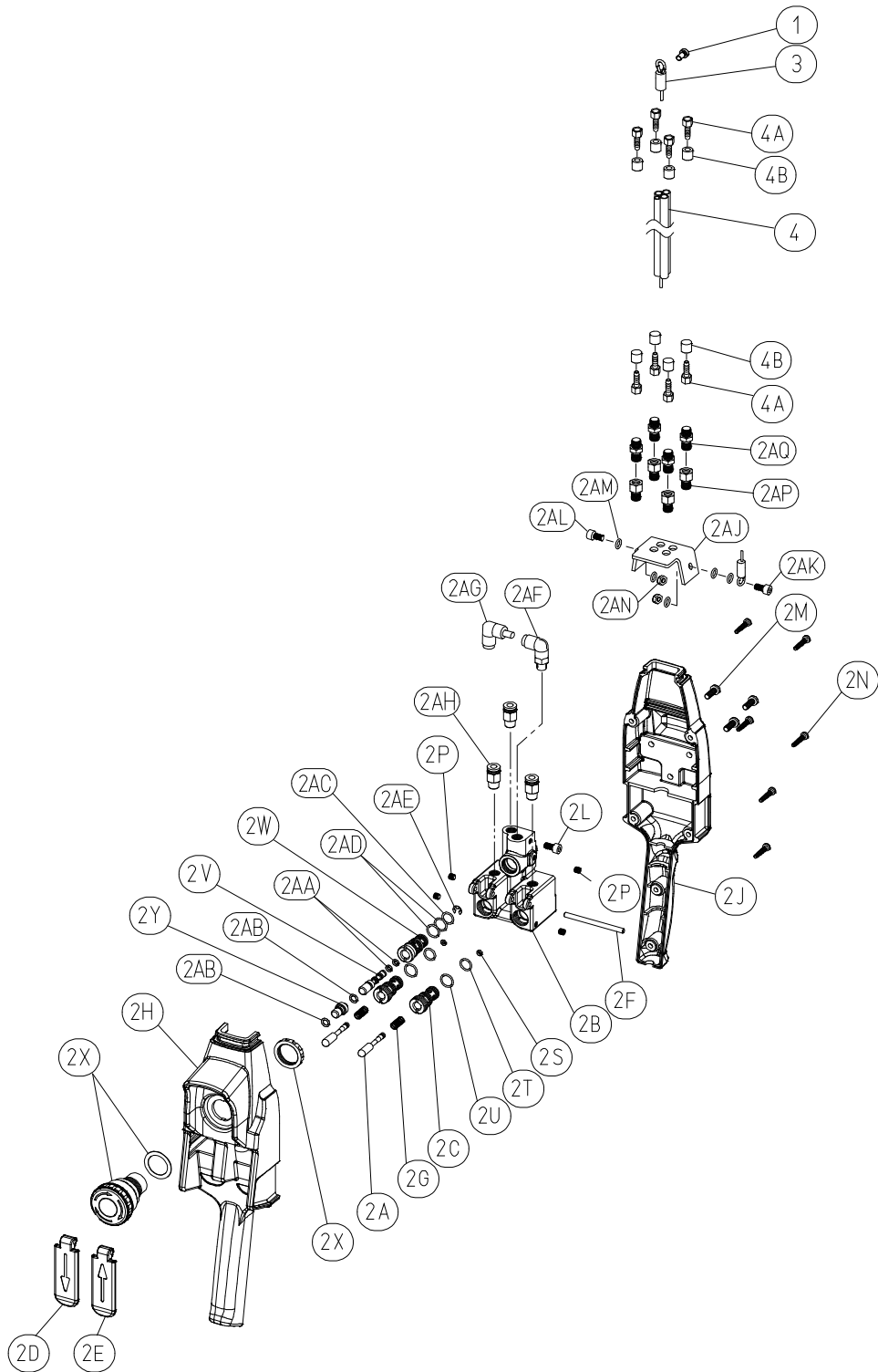




RED ROOSTER LIFTING

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





RED ROOSTER LIFTING

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