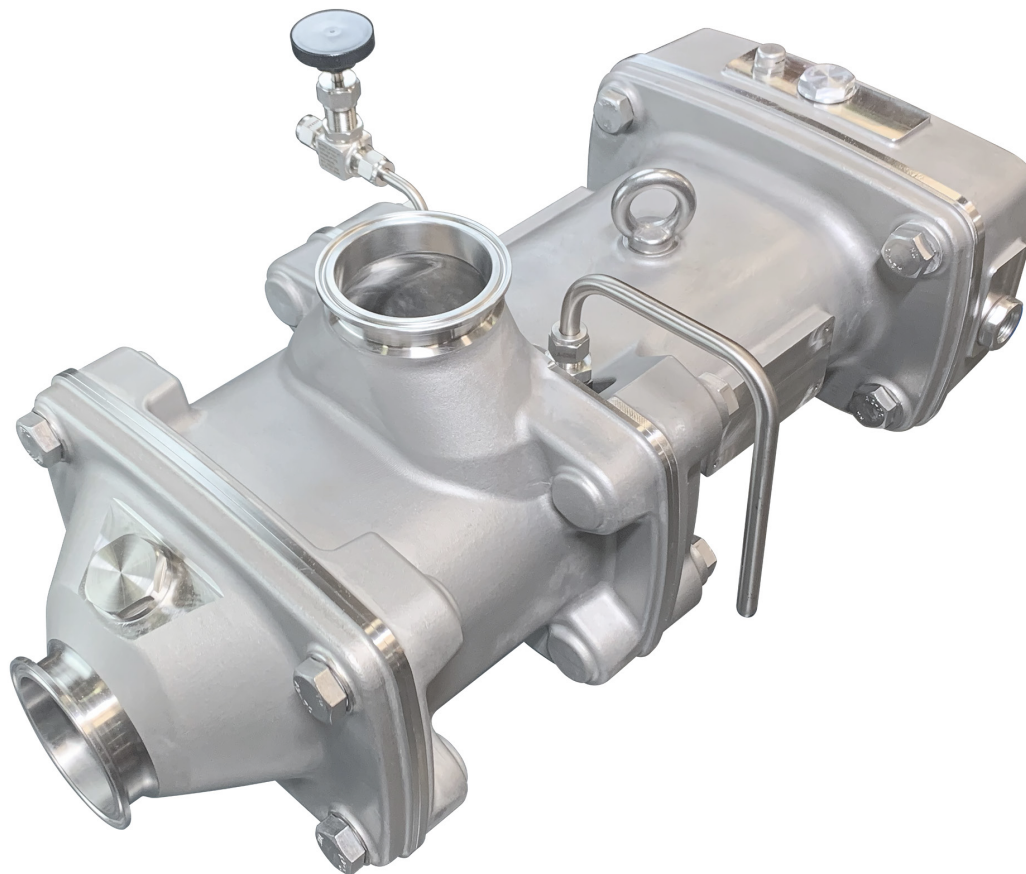


SPARE PARTS

ViscoTwin

VT104

G10, V1




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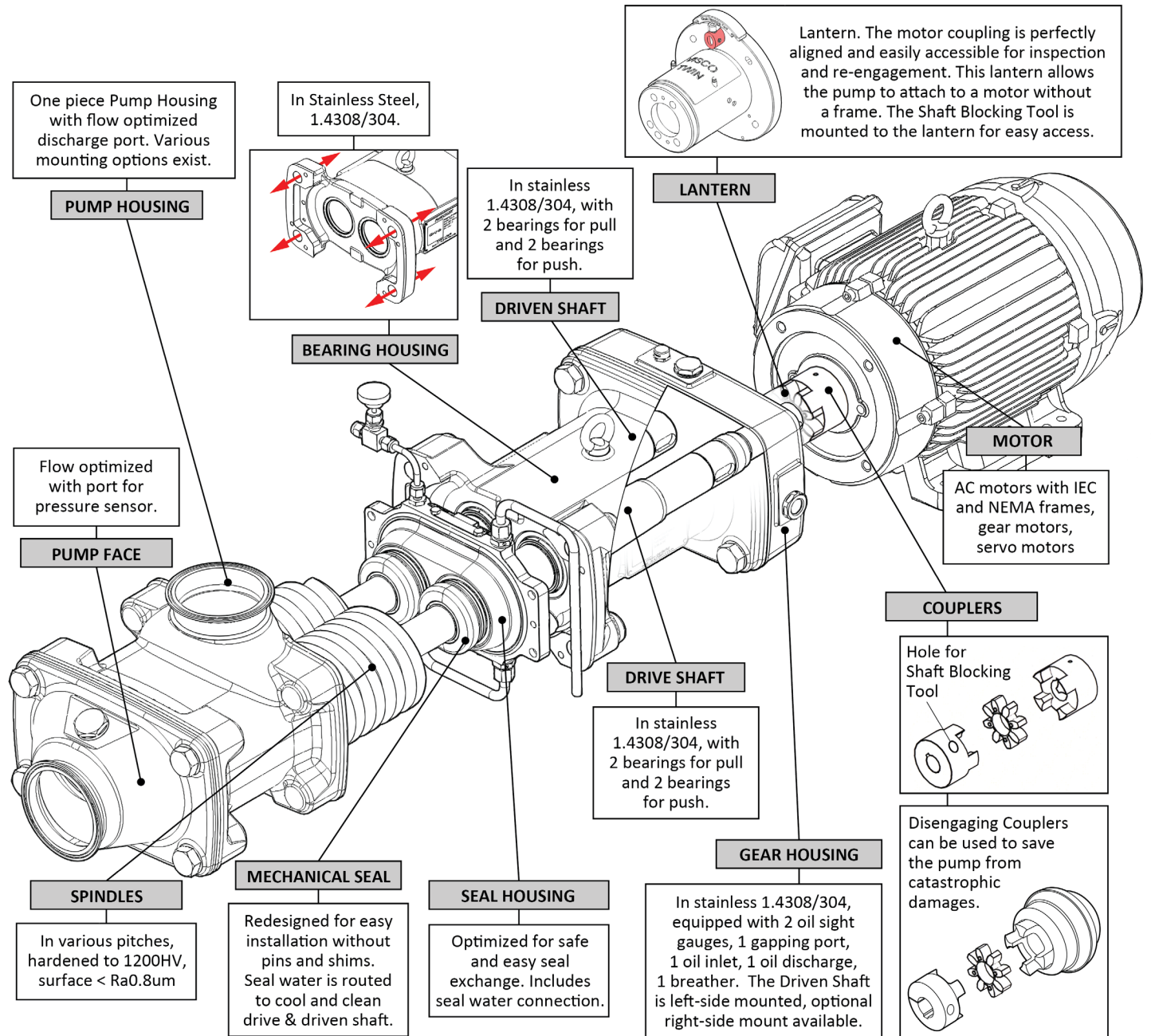
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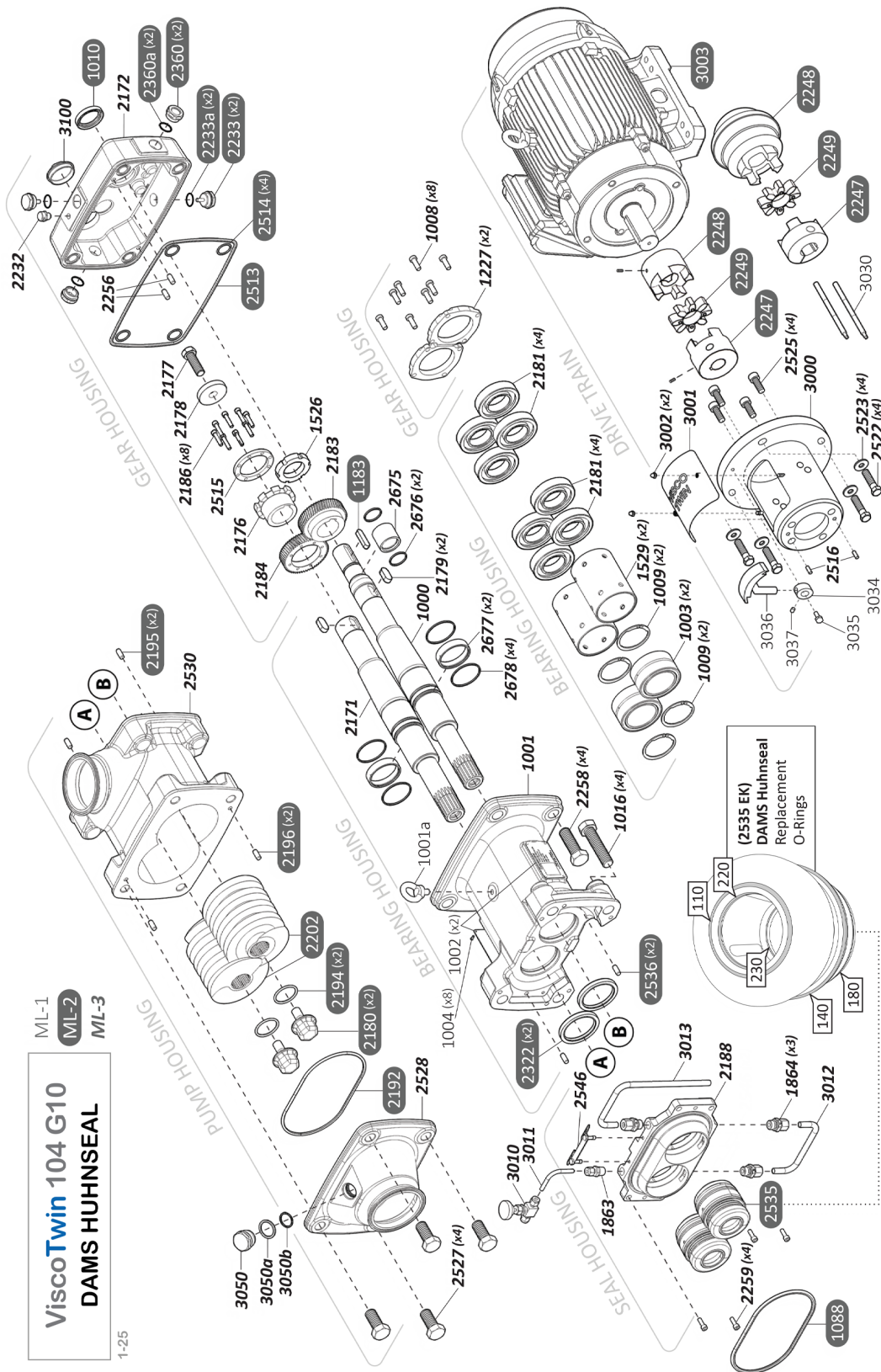
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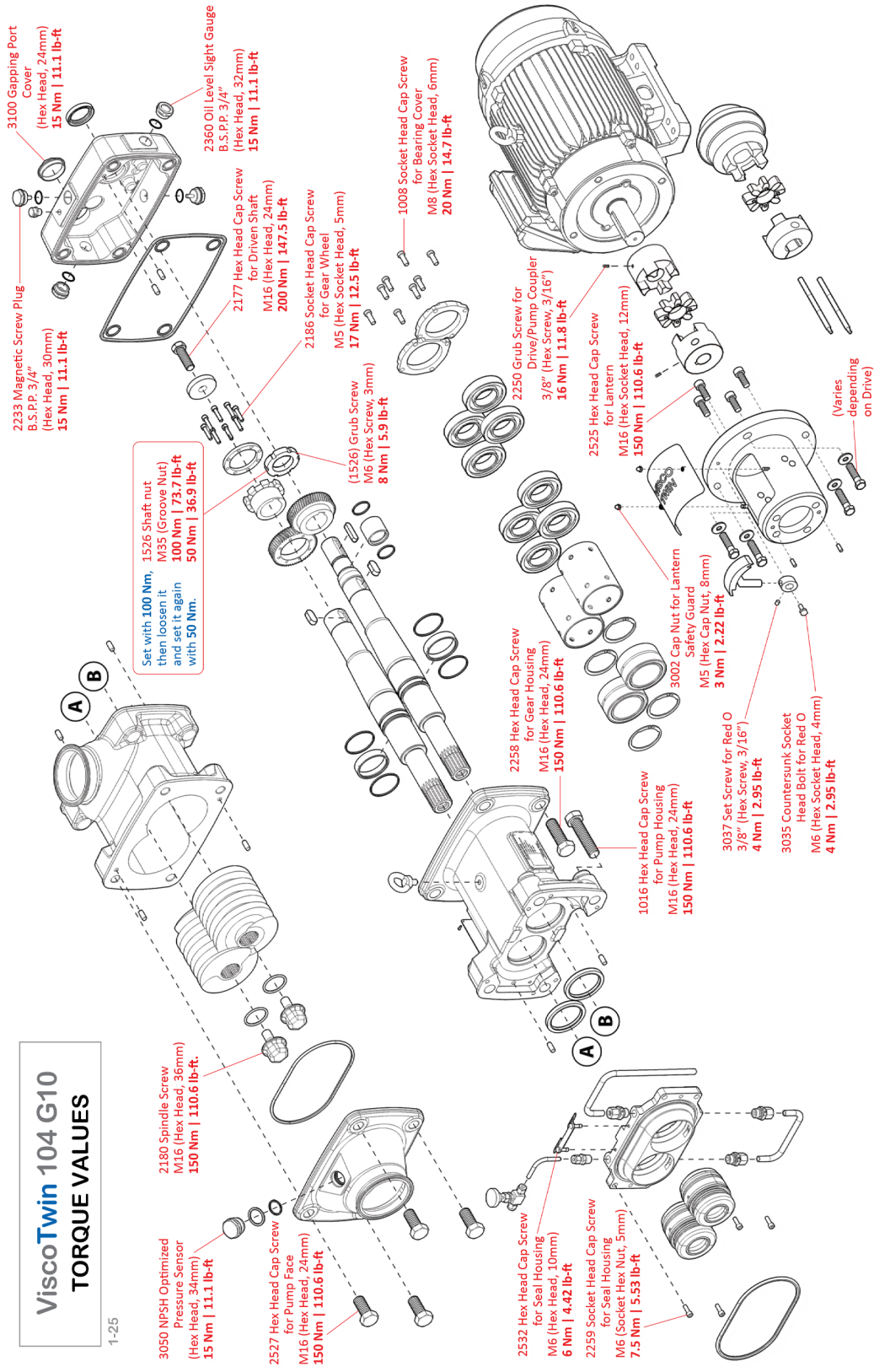
1. OVERVIEW DRAWING



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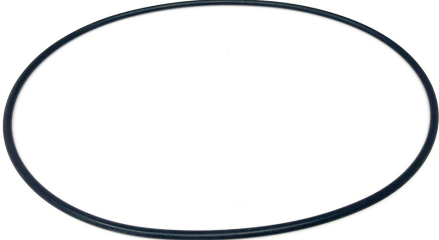
3. TORQUE VALUES

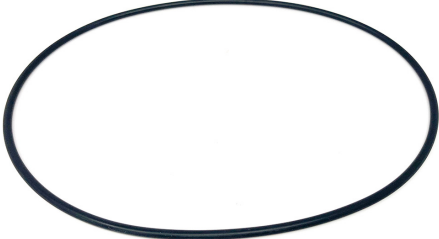



4. SPARE PARTS


4.1 Pump Housing


VT104 G10	Spindle Bolt	POS. 2180
PART #	23113	
CUSTOMER REFERENCE #		
MATERIAL	2205	
SPECS	Hex Style	
NOTES	--	

VT104 G10	O-Ring for Pump Face	POS. 2192
PART #	12505	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	155 x 4mm	
NOTES	--	


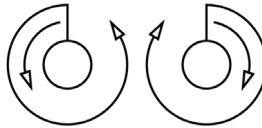
VT104 G10	O-Ring for Pump Face	POS. 2192
PART #	12511	
CUSTOMER REFERENCE #		
MATERIAL	EPDM	
SPECS	155 x 4mm	
NOTES	--	

VT104 G10	O-Ring for Spindle Bolt	POS. 2194
PART #	12504	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	42 x 3mm	
NOTES	--	

VT104 G10	O-Ring for Spindle Bolt	POS. 2194
PART #	12510	
CUSTOMER REFERENCE #		
MATERIAL	EPDM	
SPECS	42 x 3mm	
NOTES	--	


VT104 G10	Dowel Pin for Pump Face & Housing	POS. 2195, 2196
PART #	12616	
CUSTOMER REFERENCE #		
MATERIAL	303	
SPECS	DIN7 - 8 h 8 x 20mm, undersize	
NOTES	--	


VT104 G10	Spindle Pair VT104.27	POS. 2202
PART #	12639	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	27mm, hardened	
NOTES		

VT104 G10	Spindle Pair VT104.36	POS. 2202
PART #	18489	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	36mm, hardened	
NOTES		

VT104 G10	Spindle Pair VT104.53	POS. 2202
PART #	17516	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	53mm, hardened	
NOTES		


VT104 G10	Hex Head Cap Screw for Pump Face	POS. 2527
PART #	24888	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	M16 - 2 x 45mm	
NOTES	--	


VT104 G10	Pump Face OD3"	POS. 2528
PART #	23645	
CUSTOMER REFERENCE #		
MATERIAL	PF:FC316	
SPECS	PF:OD3", Tri-Clamp	
NOTES	With Gauge Port	


VT104 G10	Pump Face OD4"	POS. 2528
PART #	23646	
CUSTOMER REFERENCE #		
MATERIAL	PF:FC316L	
SPECS	PF:OD4", Tri-Clamp	
NOTES	With Gauge Port	

VT104 G10	Pump Housing OD2-1/2"	POS. 2530
PART #	23680	
CUSTOMER REFERENCE #		
MATERIAL	FC316L	
SPECS	PCP:OD2-1/2" Tri-Clamp	
NOTES	--	

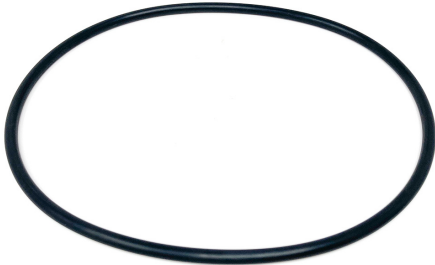
VT104 G10	Pump Housing OD3"	POS. 2530
PART #	23644	
CUSTOMER REFERENCE #		
MATERIAL	FC316L	
SPECS	PCP: OD3", Tri-Clamp	
NOTES	--	

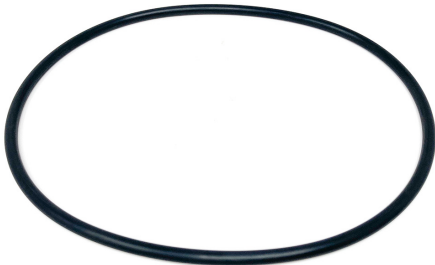
VT104 G10	Aseptoflex Plug for Sensor Port	POS. 3050
PART #	22252	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	--	
NOTES	--	

VT104 G10	Gasket for Aseptoflex Plug (green)	POS. 3050 a
PART #	22948	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	ID: 29.7mm x OD: 35.7mm	
NOTES	--	

VT104 G10	O-Ring for Aseptoflex Plug	POS. 3050 b
PART #	22253	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	O-ring: 24 x 2mm (FKM), in contact with the medium	
NOTES	--	

4.2 Seal Housing

VT104 G10	O-Ring Seal Housing	POS. 1088
PART #	12503	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	142 x 6.2mm	
NOTES	--	

VT104 G10	O-Ring Seal Housing	POS. 1088
PART #	12512	
CUSTOMER REFERENCE #		
MATERIAL	EPDM	
SPECS	142 x 6.2mm	
NOTES	--	


VT104 G10	Elastomer Kit DAMS	POS. 2535 EK
PART #	24918	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	HUHNSEAL, SD: 42mm	
NOTES	--	


VT104 G10	Mechanical Seal DAMS	POS. 2535
PART #	23673	
CUSTOMER REFERENCE #		
MATERIAL	AE:316Ti/AE:SiC/NPS:C, NPS:E/AE:FKM	
SPECS	HUHNSEAL, SD: 42mm	
NOTES	--	

VT104 G10	Mechanical Seal DAMS	POS. 2535
PART #	23850	
CUSTOMER REFERENCE #		
MATERIAL	AE:316Ti/AE:SiC/NPS:C, AE:E/NPS:E	
SPECS	HUHNSEAL, SD: 42mm	
NOTES	--	


VT104 G10	Mechanical Seal DAMS	POS. 2535
PART #	23555	
CUSTOMER REFERENCE #		
MATERIAL	AE:316Ti/AE:TuCkne/AE:TuC, NPS:E/AE:FKM	
SPECS	HUHNSEAL, SD: 42mm	
NOTES	--	

VT104 G10	Mechanical Seal DAMS	POS. 2535
PART #	21566	
CUSTOMER REFERENCE #		
MATERIAL	AE:316Ti/AE:TuCkne/NPS:C, AE:E/NPS:E	
SPECS	HUHNSEAL, SD: 42mm	
NOTES	--	

VT104 G10	Male Connector Straight G3/8 - T1/4	POS. 1863
PART #	21690	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	G-3/8" x 1/4" Tubing	
NOTES	--	


VT104 G10	Male Connector Straight G3/8 - T3/8	POS. 1864
PART #	21689	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	G-3/8" x 3/8" Tubing	
NOTES	--	

VT104 G10	Seal Housing	POS. 2188
PART #	23611	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	3A	
NOTES	--	


VT104 G10	Hex Socket Screw for Seal Housing	POS. 2259
PART #	19366	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	DIN912 - M6 x 20mm	
NOTES	--	

VT104 G10	Safety Guard	POS. 2546
PART #	23617	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	--	
NOTES	--	

4.3 Bearing Housing

VT104 G10	Key for Coupling	POS. 1183
PART #	24880	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	DIN6885 - 8 x 7 x 36mm, with M3 thread	
NOTES	--	

VT104 G10	Shaft Sealing Ring Bearing Housing	POS. 2322
PART #	23773	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3760 - AS - 55 x 70 x 8mm	
NOTES	--	

VT104 G10	Dowel Pin for Seal Housing	POS. 2536
PART #	21903	
CUSTOMER REFERENCE #		
MATERIAL	303	
SPECS	DIN7 - 8 h 8 x 24mm, undersize	
NOTES	--	

VT104 G10	Drive Shaft	POS. 1000
PART #	23615	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	Replaceable sleeves	
NOTES	--	

VT104 G10	Shaft Protection Sleeve Gear Housing	POS. 2675
PART #	23400	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	Hard Inox S treated	
NOTES	--	

VT104 G10	Hex Head Cap Screw for Pump Housing	POS. 1016
PART #	24886	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	M16 - 2 x 80mm	
NOTES	--	

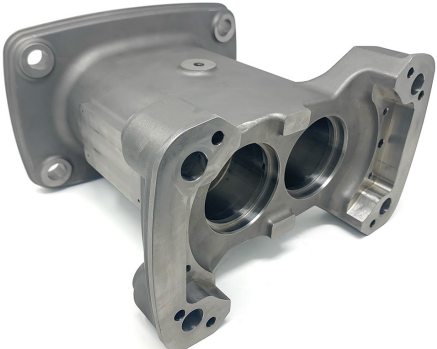
VT104 G10	Hex Head Cap Screw for Gear Housing	POS. 2258
PART #	24887	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	M16 - 2 x 45mm	
NOTES	--	


VT104 G10	O-Ring for Shaft Protection Sleeve Gear Housing	POS. 2676
PART #	23399	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3771 - 25,12 x 1,78mm	
NOTES	--	


VT104 G10	Shaft Protection Sleeve Bearing Housing	POS. 2677
PART #	23705	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	Hard Inox S treated	
NOTES	--	


VT104 G10	O-Ring for Shaft Protection Sleeve Bearing Housing	POS. 2678
PART #	23704	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	ISO3601 - 1, 47.5 x 1,8mm	
NOTES	--	


VT104 G10	Driven Shaft	POS. 2171
PART #	23616	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	Replaceable sleeve	
NOTES	Replaceable sleeve at oil sealing ring positions	


VT104 G10	Bearing Housing	POS. 1001
PART #	23649	
CUSTOMER REFERENCE #		
MATERIAL	Fine Cast 1.4308	
SPECS	--	
NOTES	--	


VT104 G10	Eyebolt	POS. 1001 a
PART #	23579	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	DIN580 - M10mm	
NOTES	--	


VT104 G10	Needle Roller Bearing	POS. 1003
PART #	23503	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	


VT104 G10	Lock Snap Ring	POS. 1009 a, b
PART #	19316	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	


VT104 G10	Outer Spacer Ring for Ball Bearing	POS. 1121
PART #	12539	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	outside	
NOTES	--	

VT104 G10	Inner Spacer Ring for Ball Bearing	POS. 1530
PART #	12540	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	inside	
NOTES	--	


VT104 G10	Spacer Sleeve for Bearings	POS. 1529
PART #	23610	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	--	
NOTES	--	

VT104 G10	Angular Ball Bearing	POS. 2181
PART #	21963	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	


VT104 G10	Key for Gear Wheel	POS. 2179
PART #	22256	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	DIN6885 - AS - 10 x 8 x 32mm	
NOTES	--	


VT104 G10	Venting Valve	POS. 2232
PART #	23563	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	M12 - 1,5mm	
NOTES	--	


4.4 Gear Housing

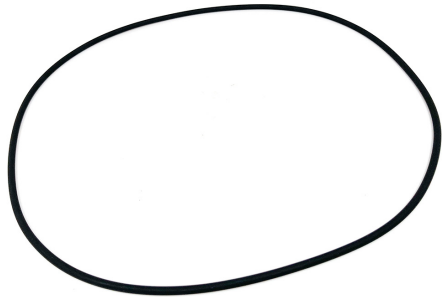
VT104 G10	Shaft Sealing Ring Gear Housing	POS. 1010
PART #	21905	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	SD:45mm	
NOTES	--	

VT104 G10	Magnetic Screw Plug	POS. 2233
PART #	21767	
CUSTOMER REFERENCE #		
MATERIAL	Aluminium	
SPECS	3/4"	
NOTES	--	


VT104 G10	Gasket for Magnetic Screw Plug	POS. 2233 a
PART #	23114	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	Gasket for Magnetic Screw Plug	
NOTES	In set of 5 only	

VT104 G10	Oil Level Sight Gauge	POS. 2360
PART #	21766	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	G3/4"	
NOTES	--	

VT104 G10	Gasket for Oil Level Sight Gauge	POS. 2360 a
PART #	23665	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	Gasket for Oil Level Sight Gauge	
NOTES	In set of 5 only	

VT104 G10	O-Ring Large for Gear Housing	POS. 2513
PART #	21764	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3771 - 237 x 4mm	
NOTES	--	


VT104 G10	O-Ring Small for Gear Housing	POS. 2514
PART #	21765	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3771 - 18,5 x 2mm	
NOTES	--	


VT104 G10	Gear Oil Bearing Housing VT	POS. 2170
PART #	21871	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	1 L, foodgrade	
NOTES	--	


VT104 G10	Oil Sample Test Kit	POS. 2173
PART #	23580	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	


VT104 G10	Hex Socket Screw for Bearing Cover	POS. 1008
PART #	19341	
CUSTOMER REFERENCE #		
MATERIAL	Steel 10.9	
SPECS	DIN6912 - M8 x 25mm, B=22mm, Low profile socket head	
NOTES	--	

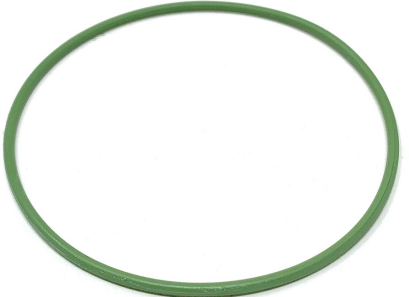
VT104 G10	Bearing Cover	POS. 1227
PART #	19096	
CUSTOMER REFERENCE #		
MATERIAL	C45	
SPECS	--	
NOTES	--	

VT104 G10	Gear Wheel Nut for Drive Shaft	POS. 1526
PART #	19320	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	--	
NOTES	--	

VT104 G10	Gear Housing Right	POS. 2172
PART #	23648	
CUSTOMER REFERENCE #		
MATERIAL	Fine Cast 1.4308	
SPECS	Right, Housing with gapping port	
NOTES	--	

VT104 G10	Gear Housing Left	POS. 2172
PART #	23647	
CUSTOMER REFERENCE #		
MATERIAL	Fine Cast 1.4308	
SPECS	Left, Housing with gapping port	
NOTES	--	

VT104 G10	Gapping Port Plug	POS. 3100
PART #	23508	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	50mm	
NOTES	--	

VT104 G10	O-Ring for Gapping Port Plug	POS. 3100 a
PART #	23650	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	--	
NOTES	--	


VT104 G10	Gear Wheel Collar Driven Shaft	POS. 2176
PART #	22420	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	--	
NOTES	--	


VT104 G10	Hex Bolt for Driven Shaft	POS. 2177
PART #	22335	
CUSTOMER REFERENCE #		
MATERIAL	Steel 12.9	
SPECS	ISO4017 - M16 x 50mm	
NOTES	--	

VT104 G10	Press Ring Gear Wheel Driven Shaft	POS. 2178
PART #	22436	
CUSTOMER REFERENCE #		
MATERIAL	SS/304	
SPECS	--	
NOTES	--	

VT104 G10	Gear Wheel Drive Shaft	POS. 2183
PART #	22337	
CUSTOMER REFERENCE #		
MATERIAL	AISI 5115, hardened	
SPECS	58teeth, w=20mm, module 1,5	
NOTES	--	

VT104 G10	Gear Wheel Driven Shaft	POS. 2184
PART #	22338	
CUSTOMER REFERENCE #		
MATERIAL	AISI 5115, hardened	
SPECS	49 teeth, b:20mm, module 1,5	
NOTES	--	

VT104 G10	Hex Socket Screw for Gear Synchronization Lock Ring	POS. 2186
PART #	22332	
CUSTOMER REFERENCE #		
MATERIAL	Steel 12.9	
SPECS	ISO4762 - M6 - 1 x 25mm	
NOTES	--	

VT104 G10	Dowel Pin for Gear Housing	POS. 2256
PART #	18764	
CUSTOMER REFERENCE #		
MATERIAL	303	
SPECS	DIN7 - 8m6 x 20mm, undersize	
NOTES	--	

VT104 G10	Gear Synchronization Lock Ring	POS. 2515
PART #	22027	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	--	
NOTES	--	