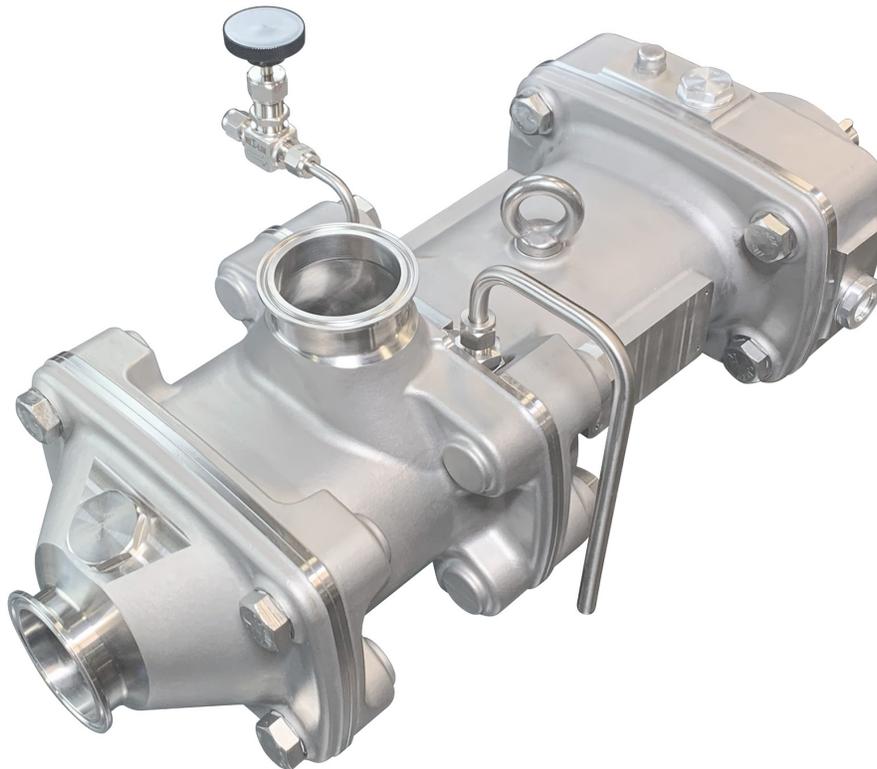


SPARE PARTS

ViscoTwin

VT70

G10, 22, V2



**PROCESSTEC**
GET TOMORROW'S TECHNOLOGY TODAY

processtec.com
info@processtec.com

9938 W Legacy Ave
Visalia, CA 93291
Phone +1 (559) 429 - 4227
Fax +1 (559) 429 - 4228

1. OVERVIEW DRAWING 3

2. EXPLOSION DRAWING 4

3. TORQUE VALUES. 5

4. SPARE PARTS. 6

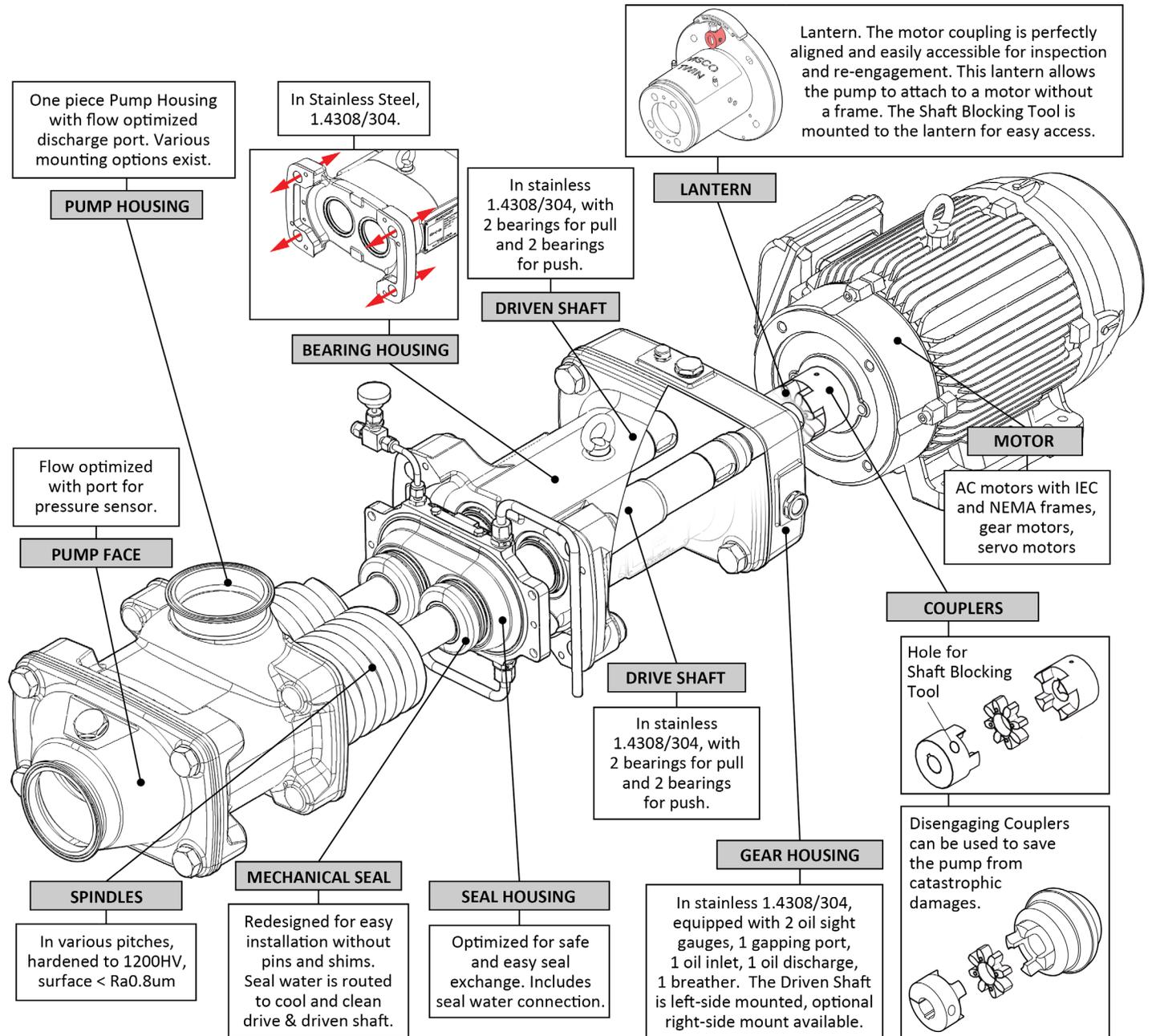
4.1 Pump Housing. 6

4.2 Seal Housing 13

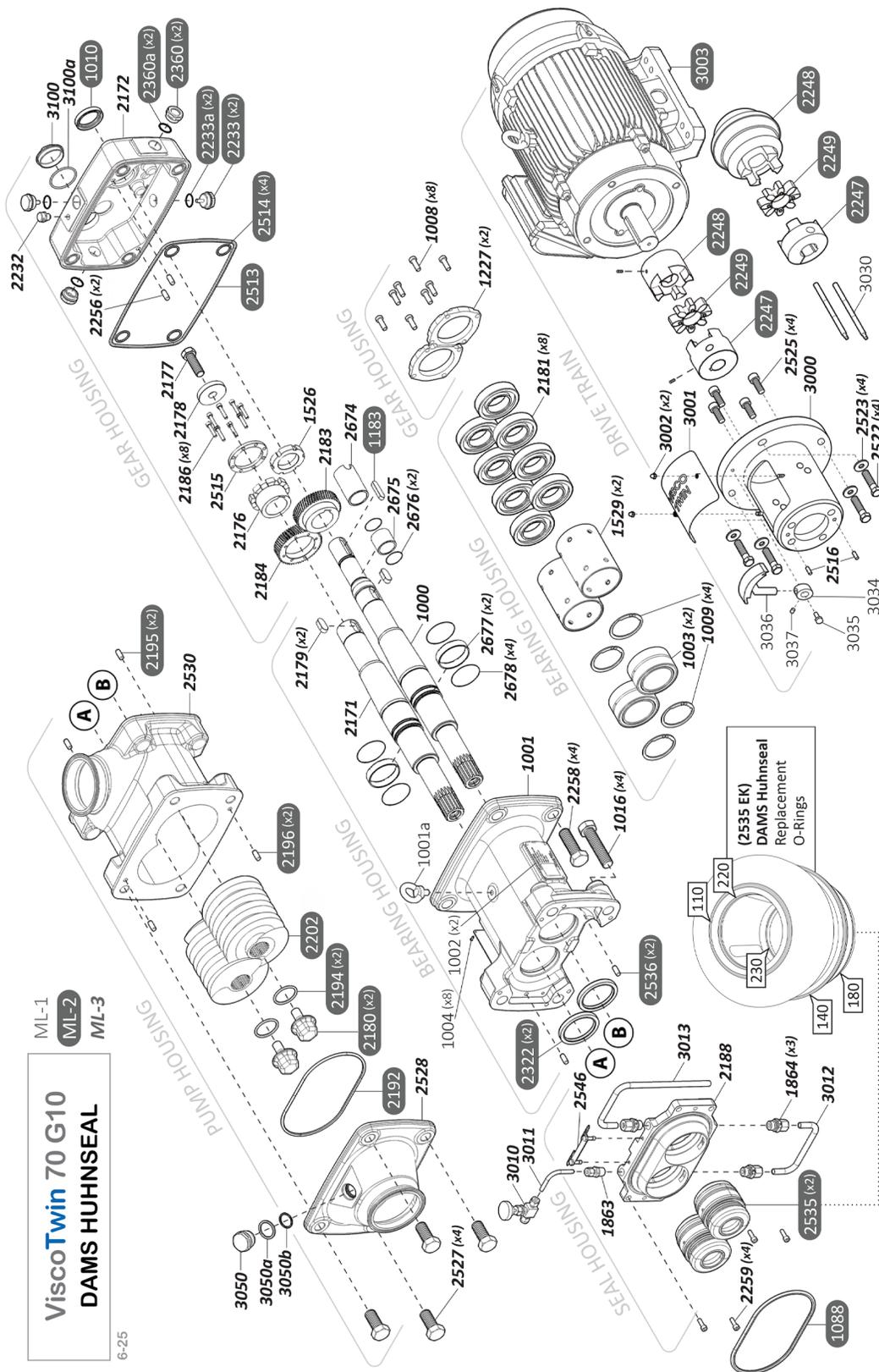
4.3 Bearing Housing 20

4.4 Gear Housing. 30

1. OVERVIEW DRAWING



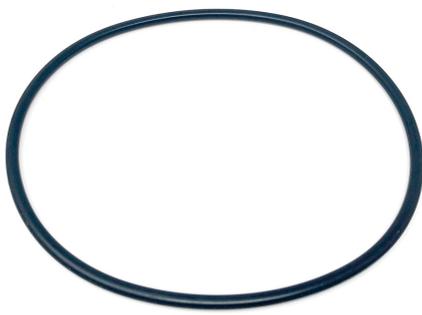
2. EXPLOSION DRAWING



4. SPARE PARTS

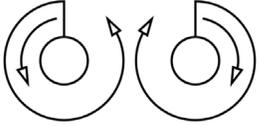
4.1 Pump Housing

VT70 G10	Spindle Bolt	POS. 2180
PART #	19071	
CUSTOMER REFERENCE #		
MATERIAL	2205	
SPECS	Hex Style	
NOTES	--	

VT70 G10	O-Ring for Pump Face	POS. 2192
PART #	12508	
MPCUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	123 x 4mm	
NOTES	--	

VT70 G10	O-Ring for Spindle Bolt	POS. 2194
PART #	12500	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	38 x 3mm	
NOTES	--	

VT70 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	--	

VT70 G10	Spindle Pair VT70.22	POS. 2202
PART #	22207	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	22mm, hardened	
NOTES		

VT70 G10	Hex Bolt for Pump Face	POS. 2527
PART #	23779	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	ISO4017 - M16 x 30	
NOTES	--	

VT70 G10	Pump Face OD2-1/2"	POS. 2528
PART #	23642	
CUSTOMER REFERENCE #		
MATERIAL	Fine Cast 1.4409	
SPECS	PF:OD2-1/2", Tri-Clamp	
NOTES	--	

VT70 G10	Pump Face OD3"	POS. 2528
PART #	23641	
CUSTOMER REFERENCE #		
MATERIAL	Fine Cast 1.4409	
SPECS	PF:OD3", Tri-Clamp	
NOTES	--	

VT70 G10	Pump Housing OD2"	POS. 2530
PART #	23643	
CUSTOMER REFERENCE #		
MATERIAL	Fine Cast 1.4409	
SPECS	PH:OD2", Tri-Clamp	
NOTES	--	

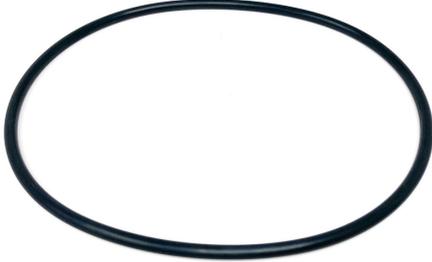
VT70 G10	Pump Housing OD2-1/2"	POS. 2530
PART #	23640	
CUSTOMER REFERENCE #		
MATERIAL	Fine Cast 1.4409	
SPECS	PH:OD2-1/2", Tri-Clamp	
NOTES	--	

VT70 G10	Aseptoflex Plug for Sensor Port	POS. 3050
PART #	22252	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	--	
NOTES	--	

VT70 G10	Gasket for Aseptoflex Plug (green)	POS. 3050 a
PART #	22948	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	ID: 29.7mm x OD: 35.7mm	
NOTES	--	

VT70 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

VT70 G10	O-Ring Seal Housing	POS. 1088
PART #	12499	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	120 x 4mm	
NOTES	--	

VT70 G10	Elastomer Kit DAMS	POS. 2535 EK
PART #	23828	
CUSTOMER REFERENCE #		
MATERIAL	E/FKM	
SPECS	HUHNSEAL, SD:36mm	
NOTES	--	

VT70 G10	Mechanical Seal DAMS	POS. 2535
PART #	23675	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/SiC, FKM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G10	Mechanical Seal DAMS	POS. 2535
PART #	23556	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/TuCKE, FKM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 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	--	

VT70 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	--	

VT70 G10	Seal Housing	POS. 2188
PART #	23019	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	--	
NOTES	--	

VT70 G10	Hex Socket Screw for Seal Housing	POS. 2259
PART #	19366	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	20mm, HHS:6mm	
NOTES	--	

VT70 G10	Safety Guard	POS. 2546
PART #	23612	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	--	
NOTES	--	

VT70 G10	SS-1 Needle Valve	POS. 3010
PART #	10745	
CUSTOMER REFERENCE #		
MATERIAL	H1:316, H1:PFA	
SPECS	H1:1/4"	
NOTES	--	

VT70 G10	Supply Pipe Seal Water	POS. 3011
PART #	22014	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	T:OD1/4"	
NOTES	Top Inlet Tube	

VT70 G10	Link Pipe Seal Water	POS. 3012
PART #	22015	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	T:OD3/8"	
NOTES	Bottom Loop Tube	

VT70 G10	Discharge Pipe Seal Water	POS. 3013
PART #	22017	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	T:OD3/8"	
NOTES	Top Outlet Tube	

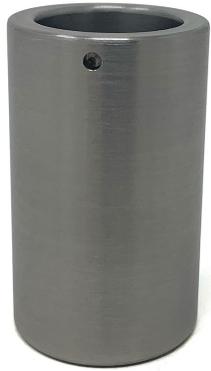
4.3 Bearing Housing

VT70 G10	Key for Coupling	POS. 1183
PART #	12617	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	DIN6885-A 6 x 6 x 25mm	
NOTES	--	

VT70 G10	Shaft Sealing Ring Bearing Housing	POS. 2322
PART #	22709	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3760-AS - 55 x 70 x 8	
NOTES	--	

VT70 G10	Dowel Pin for Seal Housing	POS. 2536
PART #	21903	
CUSTOMER REFERENCE #		
MATERIAL	303	
SPECS	DIN7-8h8x24mm, undersize	
NOTES	--	

VT70 G10	Drive Shaft	POS. 1000
PART #	23599	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	--	
NOTES	--	

VT70 G10	Shaft Protection Sleeve Gear Housing	POS. 2675
PART #	24929	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	Hard Inox S treated	
NOTES	--	

VT70 G10	Hex Head Cap Screw for Pump Housing	POS. 1016
PART #	19367	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	55mm/16mm	
NOTES		

VT70 G10	Hex Head Cap Screw for Gear Housing	POS. 2258
PART #	24889	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	40mm/16mm	
NOTES		

VT70 G10	O-Ring for Shaft Protection Sleeve Gear Housing	POS. 2676
PART #	23691	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3771 - 25,12 x 1,78mm	
NOTES	--	

VT70 G10	Shaft Protection Sleeve Bearing Housing	POS. 2677
PART #	23601	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	Hard Inox S treated	
NOTES	--	

VT70 G10	O-Ring for Shaft Protection Sleeve Bearing Housing	POS. 2678
PART #	23692	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	--	
NOTES	--	

VT70 G10	Driven Shaft	POS. 2171
PART #	23600	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	--	
NOTES	--	

VT70 G10	Bearing Housing	POS. 1001
PART #	23637	
CUSTOMER REFERENCE #		
MATERIAL	FC1.4308	
SPECS	--	
NOTES	--	

VT70 G10	Eyebolt	POS. 1001 a
PART #	23579	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	DIN580 - M10	
NOTES	--	

VT70 G10	Needle Roller Bearing	POS. 1003
PART #	23504	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G10	Lock Snap Ring	POS. 1009
PART #	19317	
CUSTOMER REFERENCE #		
MATERIAL	STO	
SPECS	--	
NOTES	--	

VT70 G10	Spacer Sleeve for Bearings	POS. 1529
PART #	23609	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G10	Angular Ball Bearing	POS. 2181
PART #	23569	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G10	Key for Gear Wheel	POS. 2179
PART #	24870	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	8 x 7 x 25mm, with 3mm screw hole	
NOTES	--	

VT70 G10	Venting Valve	POS. 2232
PART #	23563	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	12mm, 1/4"	
NOTES	--	

4.4 Gear Housing

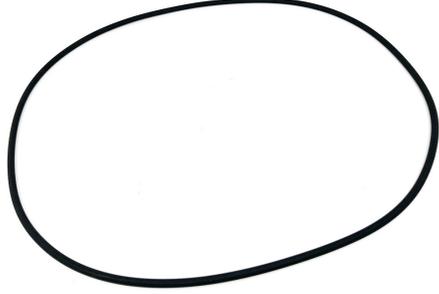
VT70 G10	Shaft Sealing Ring Gear Housing	POS. 1010
PART #	24912	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3760 - AS- 28 x 40 x 7mm	
NOTES	--	

VT70 G10	Magnetic Screw Plug	POS. 2233
PART #	21767	
CUSTOMER REFERENCE #		
MATERIAL	Aluminium	
SPECS	3/4"	
NOTES	--	

VT70 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	

VT70 G10	Oil Level Sight Gauge	POS. 2360
PART #	21766	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	G3/4"	
NOTES	--	

VT70 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	

VT70 G10	O-Ring Large for Gear Housing	POS. 2513
PART #	22622	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3771 -195 x 4mm	
NOTES	--	

VT70 G10	O-Ring Small for Gear Housing	POS. 2514
PART #	22623	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3771 - 18,5 x 2mm	
NOTES	In set of 4 only	

VT70 G10	Gear Oil Bearing Housing VT	POS. 2170
PART #	21871	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	1 L, foodgrade	
NOTES	--	

VT70 G10	Oil Sample Test Kit	POS. 2173
PART #	23580	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G10	Hex Socket Screw for Bearing Cover	POS. 1008
PART #	19341	
CUSTOMER REFERENCE #		
MATERIAL	Steel 10.9	
SPECS	DIN6912 - M8 x 25 B=22mm Low profile socket head	
NOTES	--	

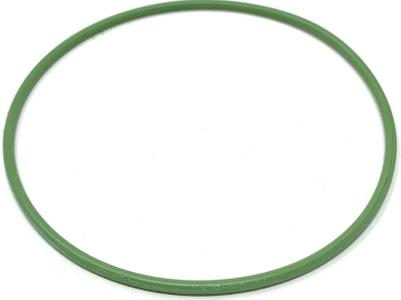
VT70 G10	Bearing Cover	POS. 1227
PART #	19097	
CUSTOMER REFERENCE #		
MATERIAL	C45	
SPECS	--	
NOTES	--	

VT70 G10	Gear Wheel Nut for Drive Shaft	POS. 1526
PART #	24919	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	--	
NOTES	--	

VT70 G10	Gear Housing Right	POS. 2172
PART #	23639	
CUSTOMER REFERENCE #		
MATERIAL	FC1.4308	
SPECS	Right	
NOTES	--	

VT70 G10	Gear Housing Left	POS. 2172
PART #	23638	
CUSTOMER REFERENCE #		
MATERIAL	FC1.4308	
SPECS	Left	
NOTES	--	

VT70 G10	Gapping Port Plug	POS. 3100
PART #	23557	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	40mm	
NOTES	--	

VT70 G10	O-Ring for Gapping Port Plug	POS. 3100 a
PART #	23669	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	--	
NOTES	--	

VT70 G10	Gear Wheel Collar Driven Shaft	POS. 2176
PART #	23024	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G10	Hex Bolt for Driven Shaft	POS. 2177
PART #	22336	
CUSTOMER REFERENCE #		
MATERIAL	Steel 10.9	
SPECS	M10 x 45mm	
NOTES	--	

VT70 G10	Press Ring Gear Wheel Driven Shaft	POS. 2178
PART #	19334	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G10	Gear Wheel Drive Shaft	POS. 2183
PART #	22341	
CUSTOMER REFERENCE #		
MATERIAL	AISI 5115, hardened	
SPECS	Z:41teeth, B:31mm, Module 1,5	
NOTES	--	

VT70 G10	Gear Wheel Driven Shaft	POS. 2184
PART #	22342	
CUSTOMER REFERENCE #		
MATERIAL	AISI 5115, hardened	
SPECS	41 Teeth, B:16mm, Module 1,5	
NOTES	--	

VT70 G10	Hex Socket Screw for Gear Synchronization Lock Ring	POS. 2186
PART #	22334	
CUSTOMER REFERENCE #		
MATERIAL	Steel 12.9	
SPECS	20mm/5mm	
NOTES	--	

VT70 G10	Dowel Pin for Gear Housing	POS. 2256
PART #	18764	
CUSTOMER REFERENCE #		
MATERIAL	303	
SPECS	8mm/20mm	
NOTES	--	

VT70 G10	Gear Synchronization Lock Ring	POS. 2515
PART #	23025	
CUSTOMER REFERENCE #		
MATERIAL	CS	
SPECS	--	
NOTES	--	