

SPARE PARTS

ViscoTwin

VT70 G7



**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

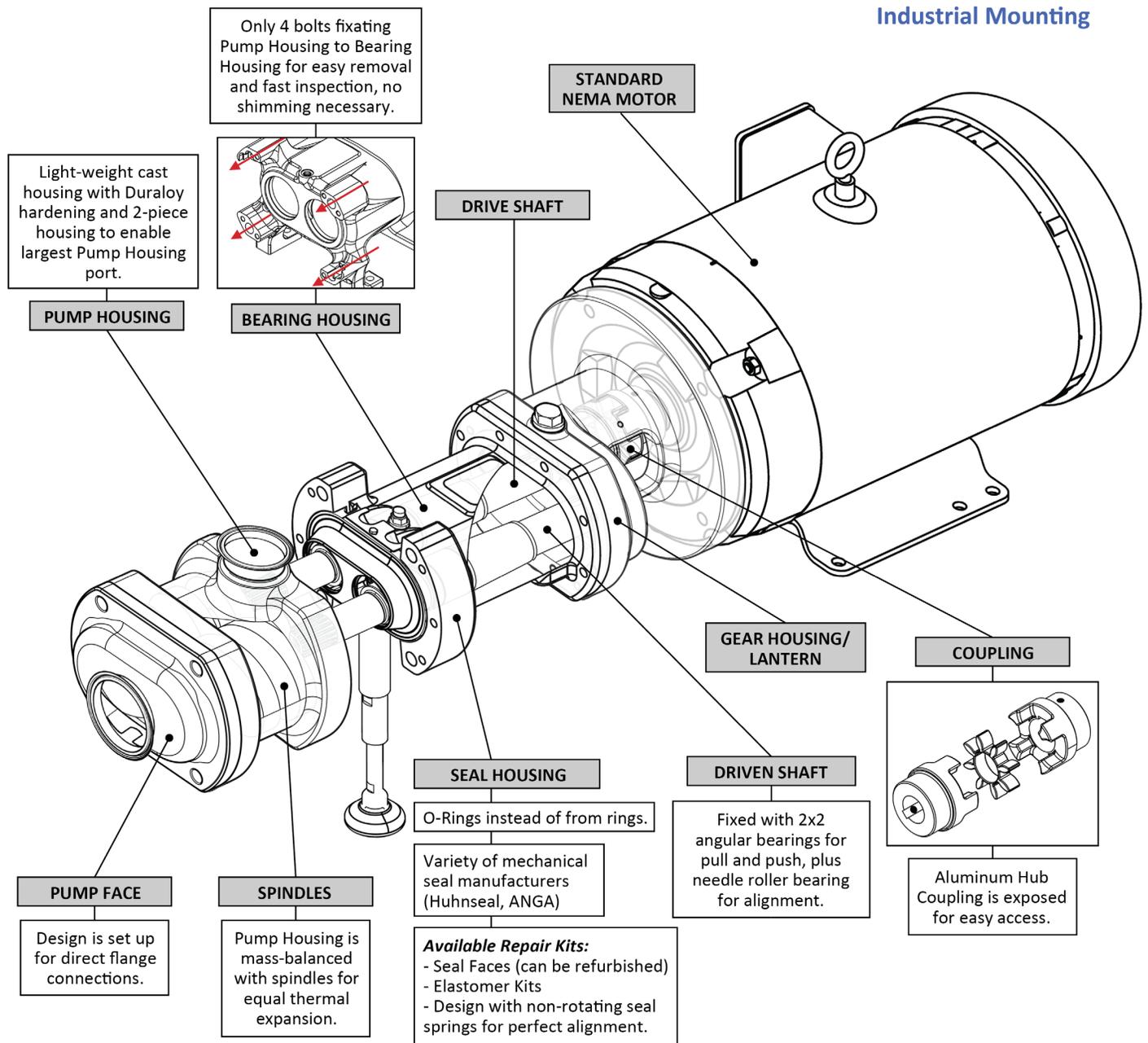
4.1 Pump Housing. 6

4.2 Seal Housing 13

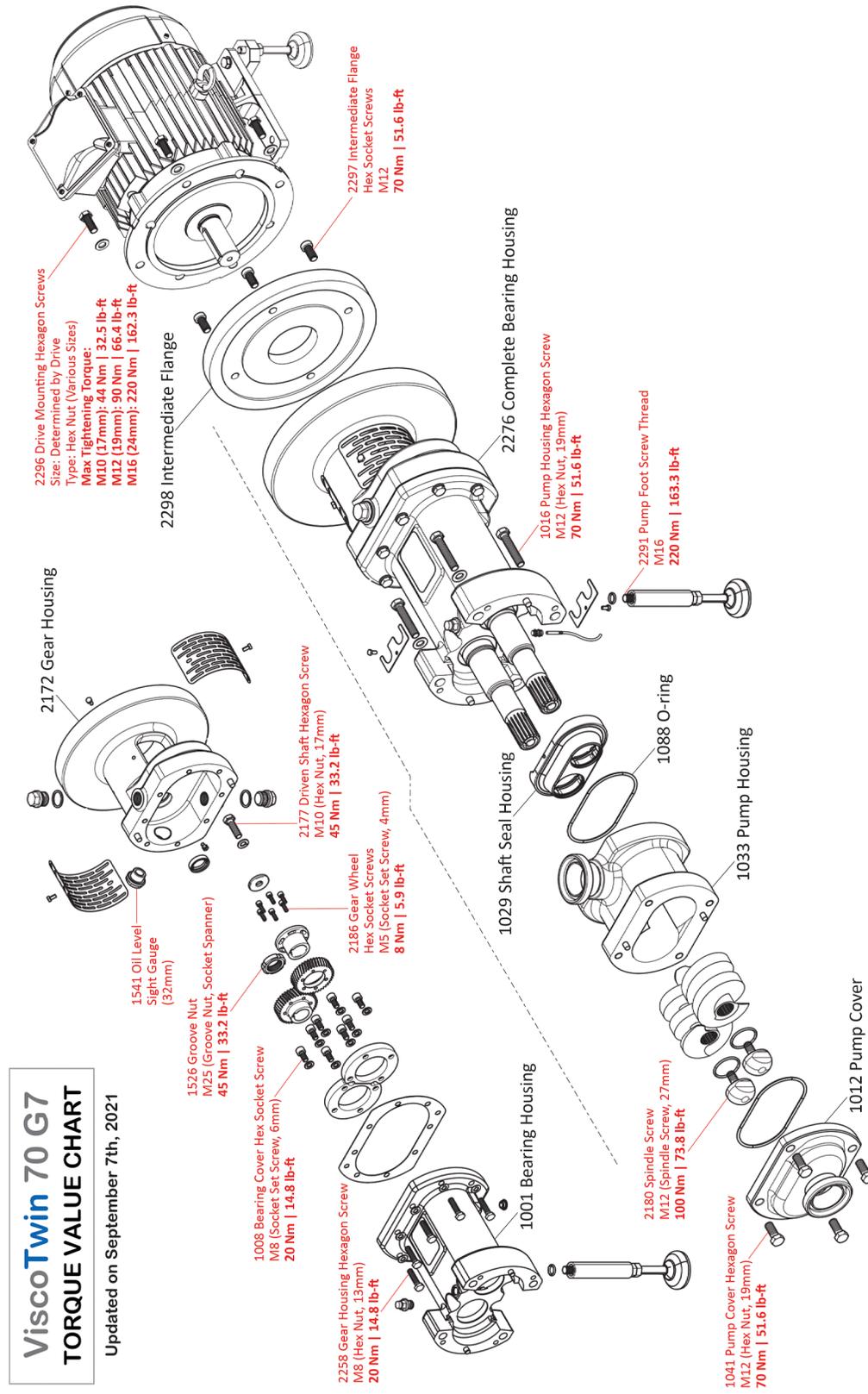
4.3 Bearing Housing 22

4.4 Gear Housing. 30

1. OVERVIEW DRAWING



3. TORQUE VALUES



ViscoTwin 70 G7
TORQUE VALUE CHART

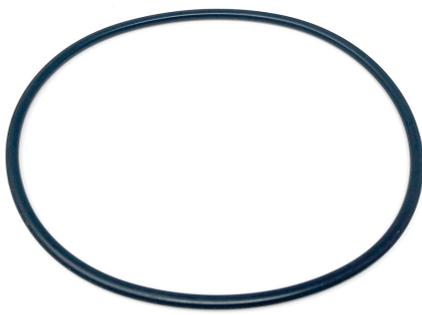
Updated on September 7th, 2021

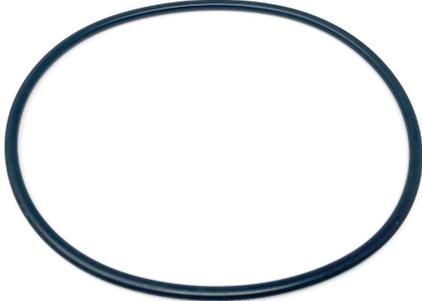


4. SPARE PARTS

4.1 Pump Housing

VT70 G7	Spindle Bolt	POS. 2180
PART #	19071	
CUSTOMER REFERENCE #		
MATERIAL	2205	
SPECS	Hex Style	
NOTES	--	

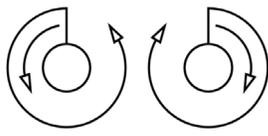
VT70 G7	O-Ring for Pump Face	POS. 2192
PART #	12508	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	153.5 x 4mm	
NOTES	--	

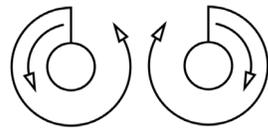
VT70 G7	O-Ring for Pump Face	POS. 2192
PART #	12514	
CUSTOMER REFERENCE #		
MATERIAL	EPDM	
SPECS	153.5 x 4mm	
NOTES	--	

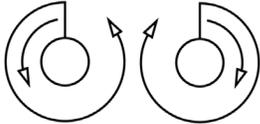
VT70 G7	O-Ring for Spindle Bolt	POS. 2194
PART #	12500	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	42 x 3mm	
NOTES	--	

VT70 G7	O-Ring for Spindle Bolt	POS. 2194
PART #	12501	
CUSTOMER REFERENCE #		
MATERIAL	EPDM	
SPECS	42 x 3mm	
NOTES	--	

VT70 G7	Dowel Pin for Pump Face & Housing	POS. 2195, 2196
PART #	8385	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	8mm/16mm	
NOTES	--	

VT70 G7	Spindle Pair VT70.22	POS. 2202
PART #	22207	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	22mm, hardened	
NOTES		

VT70 G7	Spindle Pair VT70.29	POS. 2202
PART #	22705	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	29mm, hardened	
NOTES		

VT70 G7	Spindle Pair VT70.43	POS. 2202
PART #	22707	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	43mm, hardened	
NOTES		

VT70 G7	Pump Face OD2.5"	POS. 1012
PART #	19355	
CUSTOMER REFERENCE #		
MATERIAL	316Ti	
SPECS	PF:OD2-1/2", Tri-Clamp	
NOTES	--	

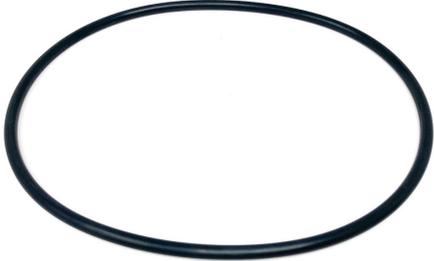
VT70 G7	Pump Face OD3"	POS. 1012
PART #	19354	
CUSTOMER REFERENCE #		
MATERIAL	316Ti	
SPECS	PF:OD3", Tri-Clamp	
NOTES	--	

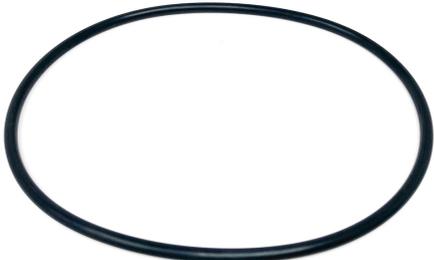
VT70 G7	Hex Bolt for Pump Face	POS. 1041
PART #	21584	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	M12 x 30mm	
NOTES	--	

VT70 G7	Pump Housing OD2"	POS. 1033
PART #	19371	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	PCP:OD2", Tri-Clamp	
NOTES	--	

VT70 G7	Pump Housing OD2.5"	POS. 1033
PART #	19370	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	PCP:OD2-1/2", Tri-Clamp	
NOTES	--	

4.2 Seal Housing

VT70 G7	O-Ring Seal Housing	POS. 1088
PART #	12499	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	120 x 4mm	
NOTES	--	

VT70 G7	O-Ring Seal Housing	POS. 1088
PART #	12502	
CUSTOMER REFERENCE #		
MATERIAL	EPDM	
SPECS	120 x 4mm	
NOTES	--	

VT70 G7	Elastomer Kit SAMS	POS. 2261 BF
PART #	6985	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Elastomer Kit SAMS	POS. 2261 BF
PART #	8300	
CUSTOMER REFERENCE #		
MATERIAL	EPDM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Elastomer Kit DAMS	POS. 2261 BC
PART #	8318	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Elastomer Kit DAMS	POS. 2261 BC
PART #	8319	
CUSTOMER REFERENCE #		
MATERIAL	EPDM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Mechanical Seal SAMS	POS. 1303 BF
PART #	11457	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/SiC, FKM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Mechanical Seal SAMS	POS. 1303 BF
PART #	19364	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/SiC, EPDM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Mechanical Seal SAMS	POS. 1303 BF
PART #	12748	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/TuCKE, FKM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Mechanical Seal SAMS	POS. 1303 BF
PART #	19365	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/TuCKE, EPDM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Mechanical Seal DAMS	POS. 1303 BC
PART #	11441	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/SiC, FKM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Mechanical Seal DAMS	POS. 1303 BC
PART #	19286	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/SiC, EPDM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Mechanical Seal DAMS	POS. 1303 BC
PART #	11894	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/TuCKE, FKM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Mechanical Seal DAMS	POS. 1303 BC
PART #	11165	
CUSTOMER REFERENCE #		
MATERIAL	316Ti/TuCKE, EPDM	
SPECS	HUHNSEAL, SD: 36mm	
NOTES	--	

VT70 G7	Seal Housing	POS. 1029
PART #	19372	
CUSTOMER REFERENCE #		
MATERIAL	316L	
SPECS	--	
NOTES	--	

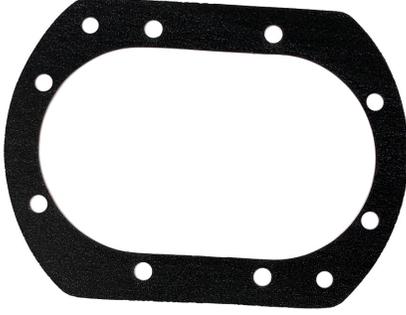
VT70 G7	Protection Shield	POS. 2286
PART #	19369	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	--	
NOTES	--	

VT70 G7	Hex Bolt for Protection Shield	POS. 2287
PART #	19373	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	--	
NOTES	--	

4.3 Bearing Housing

VT70 G7	Key for Coupling	POS. 1183
PART #	23825	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	DIN6885, 8 x 7 x 25mm, with M3 thread	
NOTES	--	
		

VT70 G7	Shaft Sealing Ring Bearing Housing	POS. 1111
PART #	12527	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3760-AS - 40 x 52 x 8mm	
NOTES	--	

VT70 G7	Flat Gasket Gear Housing	POS. 2198
PART #	12493	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	1mm	
NOTES	--	

VT70 G7	Drive Shaft	POS. 1000
PART #	19092	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	--	
NOTES	--	

VT70 G7	Driven Shaft	POS. 2171
PART #	19094	
CUSTOMER REFERENCE #		
MATERIAL	316	
SPECS	--	
NOTES	--	

VT70 G7	Bearing Housing	POS. 1001
PART #	19349	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	--	
NOTES	--	

VT70 G7	Needle Roller Bearing	POS. 1003
PART #	19100	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G7	Lock Snap Ring	POS. 1009
PART #	19317	
CUSTOMER REFERENCE #		
MATERIAL	STO	
SPECS	--	
NOTES	--	

VT70 G7	Hex Socket Screw for Gear Housing	POS. 1016
PART #	24882	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	65mm/12mm	
NOTES	--	

VT70 G7	Hex Socket Screw for Gear Housing	POS. 2258
PART #	19339	
CUSTOMER REFERENCE #		
MATERIAL	A2-70	
SPECS	8mm/35mm	
NOTES	--	

VT70 G7	Outer Spacer Ring for Ball Bearings	POS. 1121
PART #	12538	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	outside	
NOTES	--	

VT70 G7	Inner Spacer Ring for Ball Bearing	POS. 1530
PART #	12537	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	inside	
NOTES	--	

VT70 G7	Spacer Sleeve for Bearings	POS. 1529
PART #	19323	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G7	Angular Ball Bearing	POS. 2181
PART #	23569	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G7	Key for Gear Wheel	POS. 2179
PART #	19205	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	DIN6885-AS - 8 x 7 x 20mm	
NOTES	--	

VT70 G7	Venting Valve	POS. 2232
PART #	18757	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	1/4"	
NOTES	--	

4.4 Gear Housing

VT70 G7	Shaft Sealing Ring Gear Housing	POS. 1010
PART #	5664	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	DIN3760-AS, 22 x 32 x 7mm	
NOTES	--	

VT70 G7	Magnetic Screw Plug	POS. 2233
PART #	18756	
CUSTOMER REFERENCE #		
MATERIAL	Aluminium	
SPECS	1/2"	
NOTES	--	

VT70 G7	Oil Level Sight Gauge	POS. 1541
PART #	21766	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	G3/4"	
NOTES	--	

VT104 G7	Gasket for Oil Level Sight Gauge	POS. 1541 a
PART #	23665	
CUSTOMER REFERENCE #		
MATERIAL	FKM	
SPECS	Gasket for Oil Level Sight Gauge	
NOTES	In set of 5 only	

VT70 G7	Gear Oil Bearing Housing VT	POS. 2170
PART #	21871	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	1 L, foodgrade	
NOTES	--	

VT70 G7	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	--	

VT70 G7	Bearing Cover	POS. 1227
PART #	19097	
CUSTOMER REFERENCE #		
MATERIAL	C45	
SPECS	--	
NOTES	--	

VT70 G7	Gear Wheel Nut for Drive Shaft	POS. 1526
PART #	19321	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	--	
NOTES	--	

VT70 G7	Gear Housing	POS. 2172
PART #	19468	
CUSTOMER REFERENCE #		
MATERIAL	SS	
SPECS	--	
NOTES	--	

VT70 G7	Gear Wheel Collar Driven Shaft	POS. 2176
PART #	19328	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	

VT70 G7	Hex Bolt for Driven Shaft	POS. 2177
PART #	19312	
CUSTOMER REFERENCE #		
MATERIAL	Steel 12.9	
SPECS	ISO4070 - M10 x 35mm	
NOTES	--	

VT70 G7	Press Ring Gear Wheel Driven Shaft	POS. 2178
PART #	19334	
CUSTOMER REFERENCE #		
MATERIAL	304	
SPECS	--	
NOTES	--	

VT70 G7	Gear Wheel Drive Shaft	POS. 2183
PART #	12607	
CUSTOMER REFERENCE #		
MATERIAL	AISI 5115, hardened	
SPECS	41 teeth, b=16mm, module 1,5	
NOTES	--	

VT70 G7	Gear Wheel Driven Shaft	POS. 2184
PART #	12606	
CUSTOMER REFERENCE #		
MATERIAL	AISI 5115, hardened	
SPECS	41 teeth, b=16mm, module 1,5	
NOTES	--	

VT70 G7	Hex Socket Screw for Gear Synchronization Lock Ring	POS. 2186
PART #	19343	
CUSTOMER REFERENCE #		
MATERIAL	Steel 12.9	
SPECS	M5 x 16mm	
NOTES	--	

VT70 G7	Dowel Pin for Gear Housing	POS. 2256
PART #	18764	
CUSTOMER REFERENCE #		
MATERIAL	303	
SPECS	DIN7 - 8m6 x 20mm, Untermaß	
NOTES	--	

VT70 G7	Lock Washer for Bearing Cover Screw	POS. 2326
PART #	19081	
CUSTOMER REFERENCE #		
MATERIAL	--	
SPECS	--	
NOTES	--	