

# SPARE PARTS

ViscoTwin

# VT70

G7



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**1. OVERVIEW DRAWING . . . . . 3**

**2. EXPLOSION DRAWING . . . . . 4**

**3. TORQUE VALUES. . . . . 5**

**4. SPARE PARTS. . . . . 6**

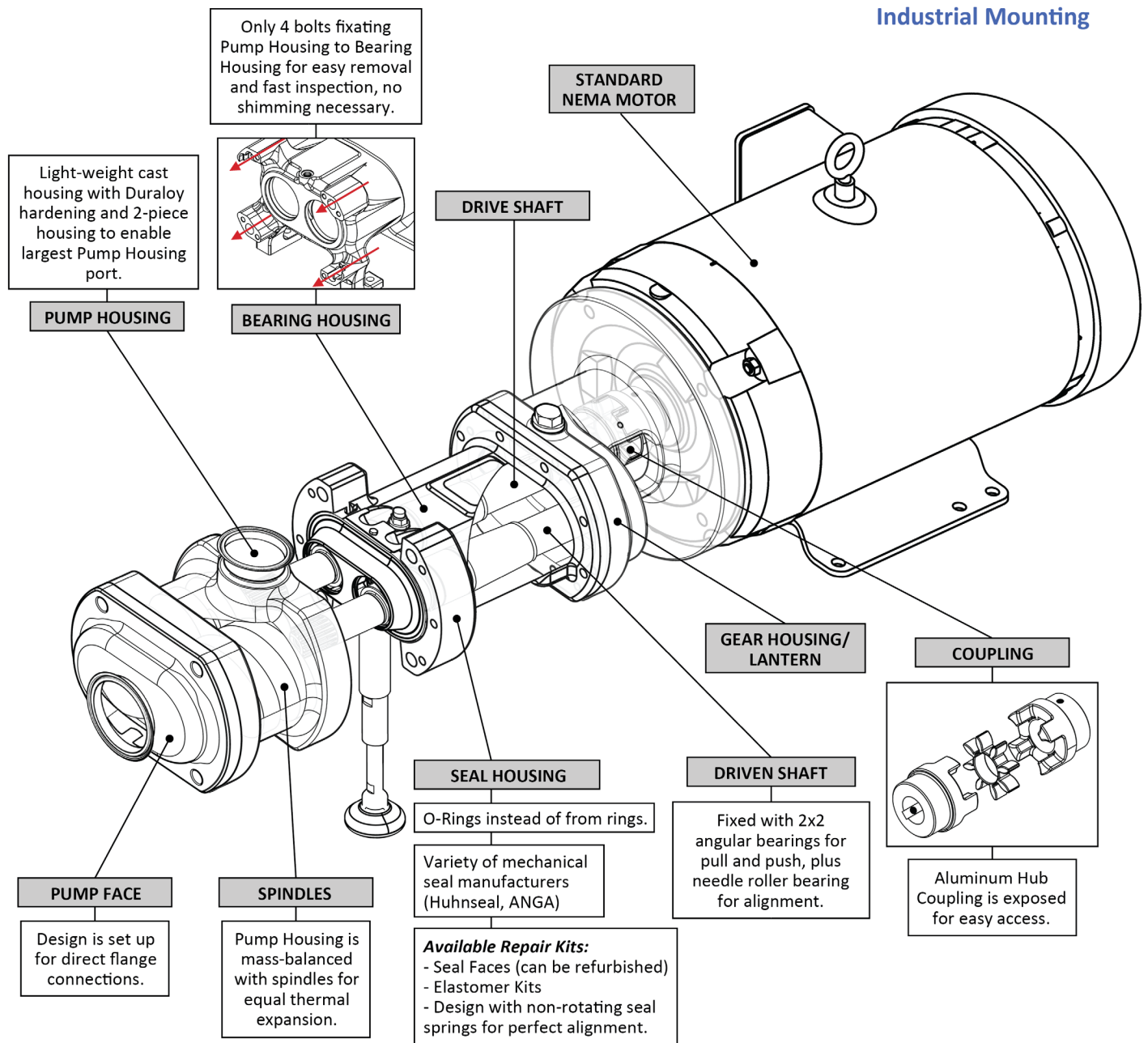
**4.1 Pump Housing. . . . . 6**

**4.2 Seal Housing . . . . . 13**

**4.3 Bearing Housing . . . . . 22**

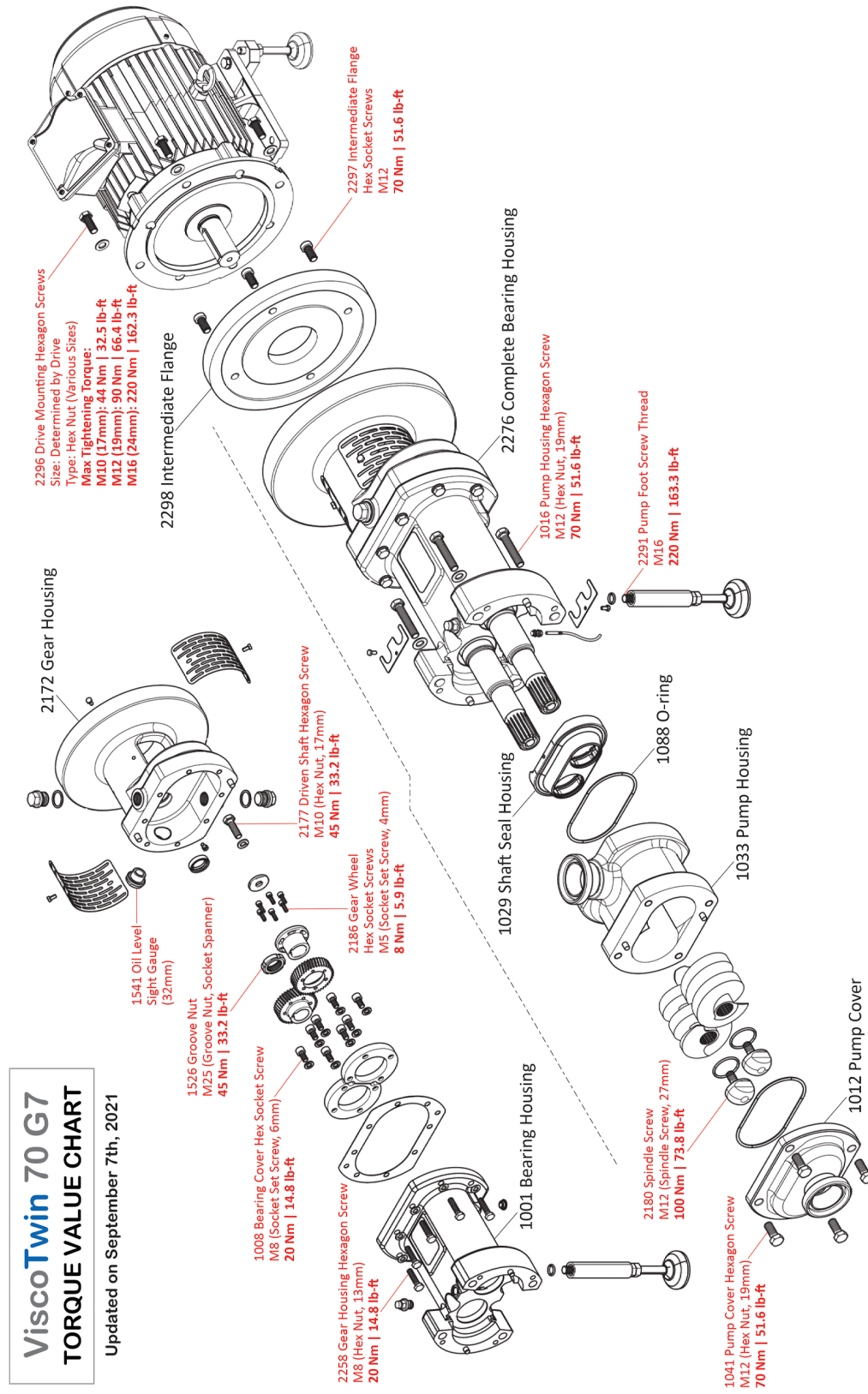
**4.4 Gear Housing. . . . . 30**

**1. OVERVIEW DRAWING**





**3. TORQUE VALUES**




**ViscoTwin 70 G7**  
**TORQUE VALUE CHART**

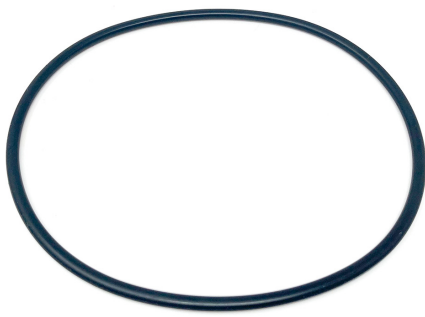
Updated on September 7th, 2021

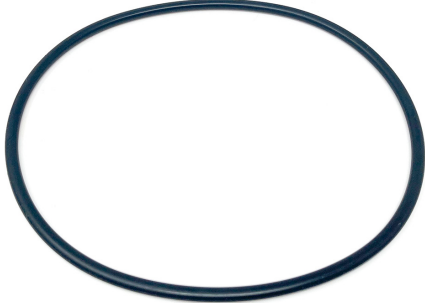



**4. SPARE PARTS**


**4.1 Pump Housing**


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

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


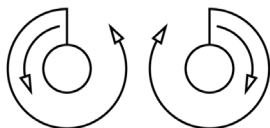
<b>VT70 G7</b>	<b>O-Ring for Pump Face</b>	<b>POS. 2192</b>
<b>PART #</b>	<b>12514</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	EPDM	
<b>SPECS</b>	153.5 x 4mm	
<b>NOTES</b>	--	


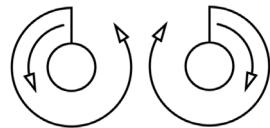
<b>VT70 G7</b>	<b>O-Ring for Spindle Bolt</b>	<b>POS. 2194</b>
<b>PART #</b>	<b>12500</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	42 x 3mm	
<b>NOTES</b>	--	

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

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




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

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

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

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

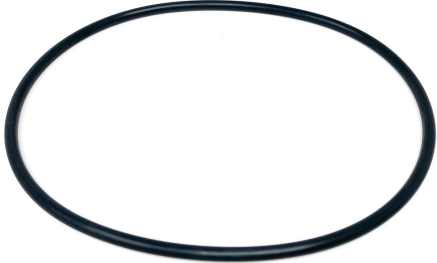
<b>VT70 G7</b>	<b>Pump Face OD3"</b>	<b>POS. 1012</b>
<b>PART #</b>	<b>19354</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316Ti	
<b>SPECS</b>	PF:OD3", Tri-Clamp	
<b>NOTES</b>	--	

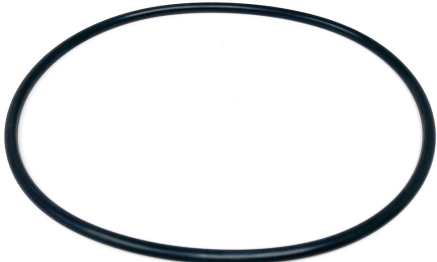
<b>VT70 G7</b>	<b>Hex Bolt for Pump Face</b>	<b>POS. 1041</b>
<b>PART #</b>	<b>21584</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	A2-70	
<b>SPECS</b>	M12 x 30mm	
<b>NOTES</b>	--	

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

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


**4.2 Seal Housing**


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

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

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

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

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

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

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


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





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


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

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

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

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



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


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

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

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

**4.3 Bearing Housing**

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

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


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


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

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

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





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


<b>VT70 G7</b>	<b>Lock Snap Ring</b>	<b>POS. 1009 a, b</b>
<b>PART #</b>	<b>19317</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	STO	
<b>SPECS</b>	--	
<b>NOTES</b>	--	


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


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


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

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

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


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


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


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


**4.4 Gear Housing**

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

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

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

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

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

<b>VT70 G7</b>	<b>Hex Socket Screw for Bearing Cover</b>	<b>POS. 1008</b>
<b>PART #</b>	<b>19341</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Steel 10.9	
<b>SPECS</b>	DIN6912 - M8 x 25mm, B=22mm, Low profile socket head	
<b>NOTES</b>	--	




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


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


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


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


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

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

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

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

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

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

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