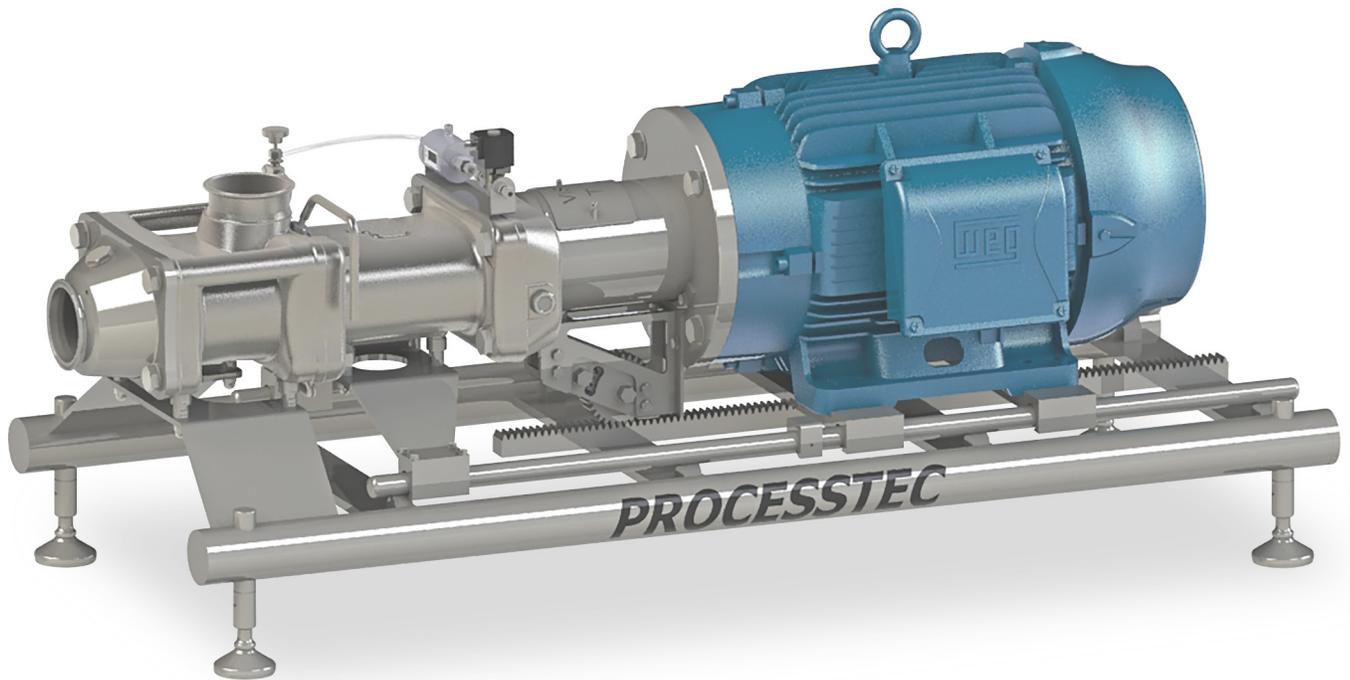


# SPARE PARTS

ViscoTwin

# VT104

HPHT G8 NG



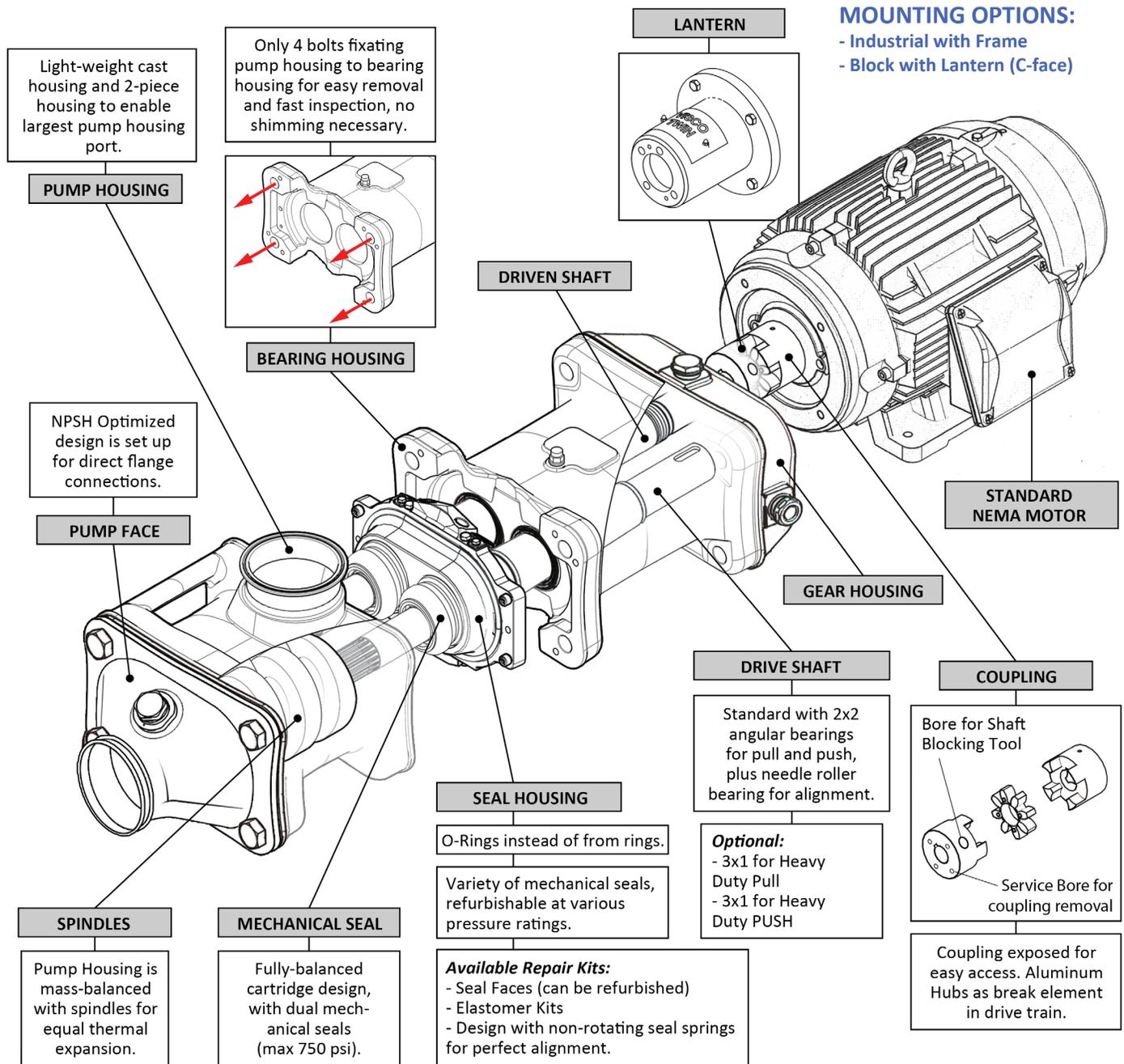
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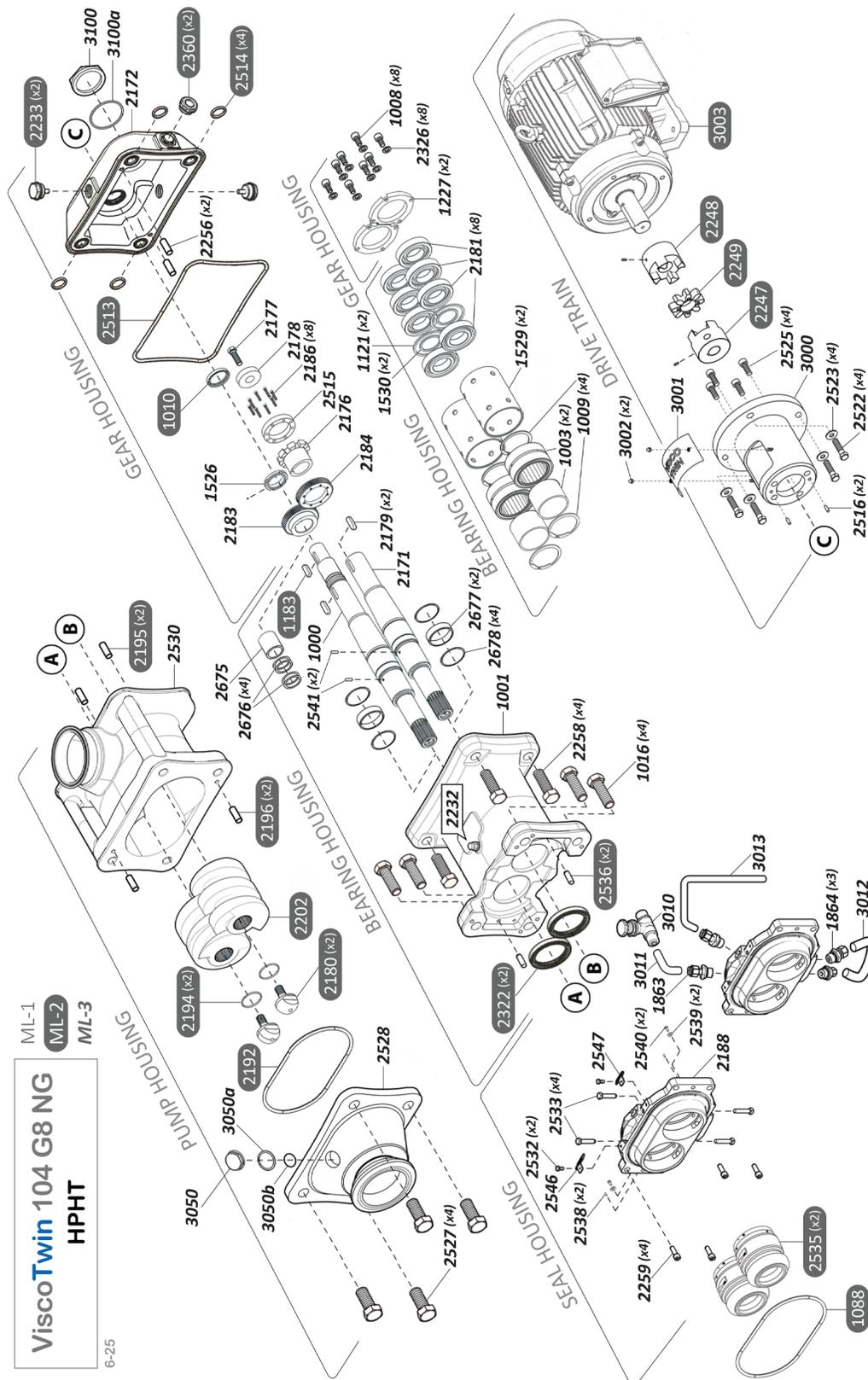
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Fax +1 (559) 429 - 4228

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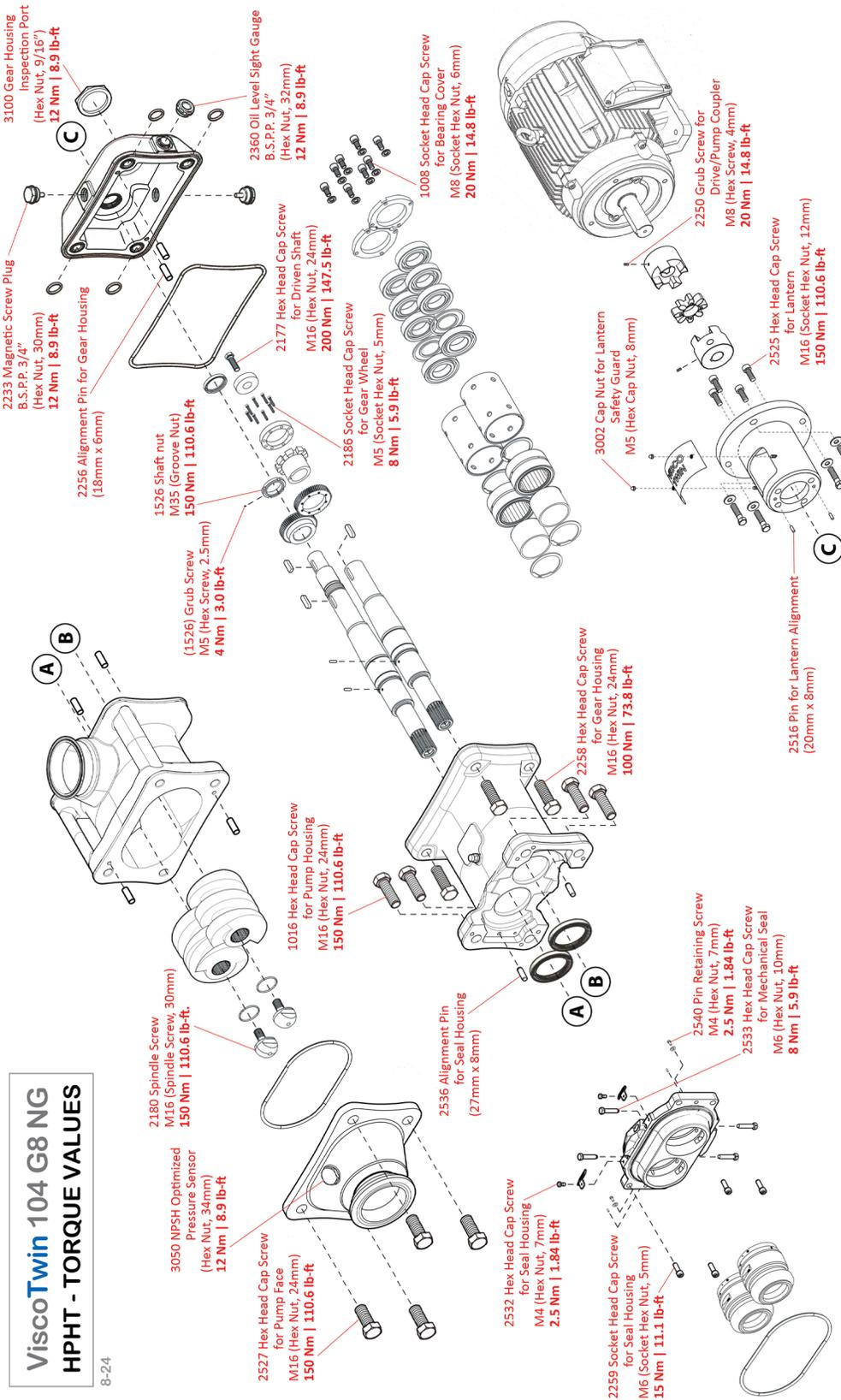
1. OVERVIEW DRAWING



2. EXPLOSION DRAWING



**3. TORQUE VALUES**



## 4. SPARE PARTS

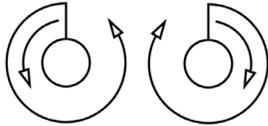
### 4.1 Pump Housing

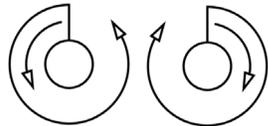
VT104 HPHT G8 NG	<b>Spindle Bolt</b>	<b>POS. 2180</b>
PART #	23113	
CUSTOMER REFERENCE #		
MATERIAL	2205	
SPECS	Hex Style	
NOTES	--	

VT104 HPHT G8 NG	<b>O-Ring for Pump Face</b>	<b>POS. 2192</b>
PART #	21948	
CUSTOMER REFERENCE #		
MATERIAL	PER	
SPECS	155 x 4mm	
NOTES	--	

<b>VT104 HPHT G8 NG</b>	<b>O-Ring for Spindle Bolt</b>	<b>POS. 2194</b>
<b>PART #</b>	<b>21950</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	PER	
<b>SPECS</b>	42 x 3mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Dowel Pin for Pump Face &amp; Housing</b>	<b>POS. 2195, 2196</b>
<b>PART #</b>	<b>12616</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	303	
<b>SPECS</b>	DIN7 - 8 h 8 x 20mm, undersize	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Spindle Pair VT104.27</b>	<b>POS. 2202</b>
<b>PART #</b>	<b>12639</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316L	
<b>SPECS</b>	27mm, hardened	
<b>NOTES</b>		

<b>VT104 HPHT G8 NG</b>	<b>Spindle Pair VT104.36</b>	<b>POS. 2202</b>
<b>PART #</b>	<b>18489</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316L	
<b>SPECS</b>	36mm, hardened	
<b>NOTES</b>		

<b>VT104 HPHT G8 NG</b>	<b>Hex Head Cap Screw for Pump Face</b>	<b>POS. 2527</b>
<b>PART #</b>	<b>21762</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	A270	
<b>SPECS</b>	ISO4017 - M16 x 40mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Pump Face NPSH Optimized OD3"</b>	<b>POS. 2528</b>
<b>PART #</b>	<b>22028</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	PF:OD3", Tri-Clamp	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Pump Face NPSH Optimized OD4"</b>	<b>POS. 2528</b>
<b>PART #</b>	<b>22267</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	PF:OD4", Tri-Clamp	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Pump Housing OD3"</b>	<b>POS. 2530</b>
<b>PART #</b>	<b>23857</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Fine Cast 1.4409	
<b>SPECS</b>	PCP:OD3", Tri-Clamp	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Aseptoflex Plug for Sensor Port</b>	<b>POS. 3050</b>
<b>PART #</b>	<b>22252</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316L	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gasket for Aseptoflex Plug (green)</b>	<b>POS. 3050 a</b>
<b>PART #</b>	<b>22948</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	ID: 29.7mm x OD: 35.7mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>O-Ring for Aseptoflex Plug</b>	<b>POS. 3050 b</b>
<b>PART #</b>	<b>22253</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	O-ring: 24 x 2mm (FKM), in contact with the medium	
<b>NOTES</b>	- -	

**4.2 Seal Housing**

<b>VT104 HPHT G8 NG</b>	<b>O-Ring Seal Housing</b>	<b>POS. 1088</b>
<b>PART #</b>	<b>21949</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	PER	
<b>SPECS</b>	142 x 6.2mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Elastomer Kit DAMS</b>	<b>POS. 2535 EK</b>
<b>PART #</b>	<b>21725</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	V70	
<b>SPECS</b>	HUHNSEAL, SD: 42mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Mechanical Seal DAMS</b>	<b>POS. 2535</b>
<b>PART #</b>	<b>21729</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316Ti/SiC/C, V70	
<b>SPECS</b>	HUHNSEAL, SD: 42mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Mechanical Seal DAMS</b>	<b>POS. 2535</b>
<b>PART #</b>	<b>21909</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316Ti/SiC/TuC/C, V70	
<b>SPECS</b>	HUHNSEAL, SD: 42mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Male Connector Straight G3/8 - T1/4</b>	<b>POS. 1863</b>
<b>PART #</b>	<b>21690</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	G-3/8" x 1/4" Tubing	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Male Connector Straight G3/8 - T3/8</b>	<b>POS. 1864</b>
<b>PART #</b>	<b>21689</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	G-3/8" x 3/8" Tubing	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Seal Housing</b>	<b>POS. 2188</b>
<b>PART #</b>	<b>21824</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316L	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Hex Socket Screw for Seal Housing</b>	<b>POS. 2259</b>
<b>PART #</b>	<b>19366</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	A2-70	
<b>SPECS</b>	DIN912 - M6 x 20mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Fixing Hex Bolt with Pilot for Mechanical Seal</b>	<b>POS. 2533</b>
<b>PART #</b>	<b>22068</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	Fixing screw	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Dowel Pin Seal Cartridge Retainer</b>	<b>POS. 2538</b>
<b>PART #</b>	<b>22069</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	303	
<b>SPECS</b>	3 h 8 x 12mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Washer for Seal Housing Bolt</b>	<b>POS. 2539</b>
<b>PART #</b>	<b>19082</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	DIN9021 - A 4,3mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Hex Bolt for Seal Housing</b>	<b>POS. 2540</b>
<b>PART #</b>	<b>22263</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	ISO4017 - M4 x 8mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Safety Guard Right</b>	<b>POS. 2546</b>
<b>PART #</b>	<b>21826</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	GRD, right	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Safety Guard Left</b>	<b>POS. 2547</b>
<b>PART #</b>	<b>21827</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	GRD, left	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Hex Bolt for Protection Shield</b>	<b>POS. 2532</b>
<b>PART #</b>	<b>18792</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	ISO4017 - M4 x 10mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>SS-1 Needle Valve</b>	<b>POS. 3010</b>
<b>PART #</b>	<b>10745</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	H1:316, H1:PFA	
<b>SPECS</b>	H1:1/4"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Supply Pipe Seal Water</b>	<b>POS. 3011</b>
<b>PART #</b>	<b>22014</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	T:OD1/4"	
<b>NOTES</b>	Top Inlet Tube	

<b>VT104 HPHT G8 NG</b>	<b>Link Pipe Seal Water</b>	<b>POS. 3012</b>
<b>PART #</b>	<b>22015</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	T:OD3/8"	
<b>NOTES</b>	Bottom Loop Tube	

<b>VT104 HPHT G8 NG</b>	<b>Discharge Pipe Seal Water</b>	<b>POS. 3013</b>
<b>PART #</b>	<b>22017</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	T:OD3/8"	
<b>NOTES</b>	Top Outlet Tube	

<b>VT104 HPHT G8 NG</b>	<b>SM4100 IFM Flow Meter</b>	<b>POS. 3008</b>
<b>PART #</b>	<b>21460</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	AC:1/4" BSP	
<b>NOTES</b>	Magnetic-Inductive Flow Meter, Connection Type: G Thread Male	

<b>VT104 HPHT G8 NG</b>	<b>EVC005 Cordset M12 Angle Female</b>	<b>POS. 3014</b>
<b>PART #</b>	<b>11074</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM Cable	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>6213 Burkert Solenoid Shutoff Valve</b>	<b>POS. 3006</b>
<b>PART #</b>	<b>21951</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316L	
<b>SPECS</b>	H1:1/4" NPT/VS:10mm	
<b>NOTES</b>	Buerkert Solenoid Valve	

**4.3 Bearing Housing**

<b>VT104 HPHT G8 NG</b>	<b>Key for Coupling</b>	<b>POS. 1183</b>
<b>PART #</b>	<b>12618</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	DIN6885 - 8 x 7 x 32mm, with M3 thread	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Shaft Sealing Ring Bearing Housing</b>	<b>POS. 2322</b>
<b>PART #</b>	<b>21763</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	DIN3760 - AS - 50 x 72 x 8mm	
<b>NOTES</b>	--	

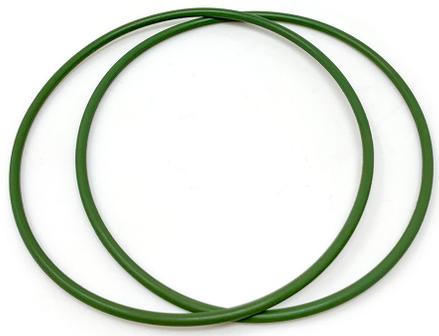
<b>VT104 HPHT G8 NG</b>	<b>Dowel Pin for Seal Housing</b>	<b>POS. 2536</b>
<b>PART #</b>	<b>21903</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	303	
<b>SPECS</b>	DIN7 - 8 h 8 x 24mm, undersize	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Drive Shaft</b>	<b>POS. 1000</b>
<b>PART #</b>	<b>21979</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	Replaceable sleeves	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Shaft Protection Sleeve Gear Housing</b>	<b>POS. 2675</b>
<b>PART #</b>	<b>23400</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	Hard Inox S treated	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>O-Ring for Shaft Protection Sleeve Gear Housing</b>	<b>POS. 2676</b>
<b>PART #</b>	<b>23399</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	DIN3771 - 25,12 x 1,78mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Shaft Protection Sleeve Bearing Housing</b>	<b>POS. 2677</b>
<b>PART #</b>	<b>23397</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	Hard Inox S treated	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>O-Ring for Shaft Protection Sleeve Bearing Housing</b>	<b>POS. 2678</b>
<b>PART #</b>	<b>23398</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	DIN3771 - 41 x 1,78mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Driven Shaft</b>	<b>POS. 2171</b>
<b>PART #</b>	<b>21981</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	Replaceable sleeves	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Bearing Housing</b>	<b>POS. 1001</b>
<b>PART #</b>	<b>22033</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Needle Roller Bearing</b>	<b>POS. 1003</b>
<b>PART #</b>	<b>23503</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	--	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Lock Snap Ring</b>	<b>POS. 1009</b>
<b>PART #</b>	<b>19316</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	1.0503	
<b>SPECS</b>	Spring steel	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Hex Head Cap Screw for Pump Housing</b>	<b>POS. 1016</b>
<b>PART #</b>	<b>23854</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	A2-70	
<b>SPECS</b>	ISO4017 - M16 x 55mm, Wrench 24mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Hex Head Cap Screw for Gear Housing</b>	<b>POS. 2258</b>
<b>PART #</b>	<b>22418</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	A2-70	
<b>SPECS</b>	ISO4017 - M16 x 55mm, Wrench 24mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Outer Spacer Ring for Ball Bearing</b>	<b>POS. 1121</b>
<b>PART #</b>	<b>12539</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	outside	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Inner Spacer Ring for Ball Bearing</b>	<b>POS. 1530</b>
<b>PART #</b>	<b>12540</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	inside	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Spacer Sleeve for Bearings</b>	<b>POS. 1529</b>
<b>PART #</b>	<b>22070</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Angular Ball Bearing</b>	<b>POS. 2181</b>
<b>PART #</b>	<b>21963</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	--	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Key for Gear Wheel</b>	<b>POS. 2179</b>
<b>PART #</b>	<b>22256</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	DIN6885 - AS -10 x 8 x 32mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</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>	--	

<b>VT104 HPHT G8 NG</b>	<b>Dowel Pin for Shaft</b>	<b>POS. 2541</b>
<b>PART #</b>	<b>22258</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	303	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

4.4 Gear Housing

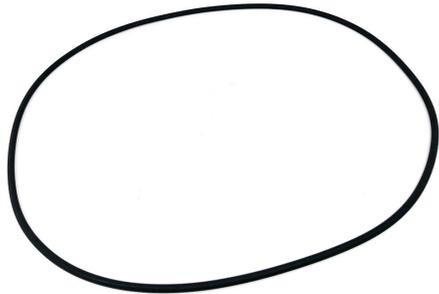
<b>VT104 HPHT G8 NG</b>	<b>Shaft Sealing Ring Gear Housing</b>	<b>POS. 1010</b>
<b>PART #</b>	<b>21905</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	SD:45mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Magnetic Screw Plug</b>	<b>POS. 2233</b>
<b>PART #</b>	<b>21767</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	3/4"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gasket for Magnetic Screw Plug</b>	<b>POS. 2233 a</b>
<b>PART #</b>	<b>23114</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	Gasket for Magnetic Screw Plug	
<b>NOTES</b>	In set of 5 only	

<b>VT104 HPHT G8 NG</b>	<b>Oil Level Sight Gauge</b>	<b>POS. 2360</b>
<b>PART #</b>	<b>21766</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	--	
<b>SPECS</b>	G3/4"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gasket for Oil Level Sight Gauge</b>	<b>POS. 2360 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>VT104 HPHT G8 NG</b>	<b>O-Ring Large for Gear Housing</b>	<b>POS. 2513</b>
<b>PART #</b>	<b>21764</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	DIN3771 - 237 x 4mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>O-Ring Small for Gear Housing</b>	<b>POS. 2514</b>
<b>PART #</b>	<b>21765</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	DIN3771 - 18,5 x 2mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</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>	--	

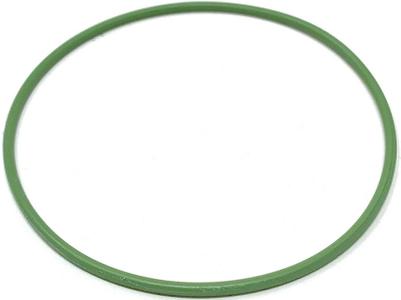
<b>VT104 HPHT G8 NG</b>	<b>Hex Socket Screw for Bearing Cover</b>	<b>POS. 1008</b>
<b>PART #</b>	<b>19341</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Steel 10.9	
<b>SPECS</b>	DIN6912 - M8x25mm, B=22mm, Low profile socket head	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Bearing Cover</b>	<b>POS. 1227</b>
<b>PART #</b>	<b>19096</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	C45	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gear Wheel Nut for Drive Shaft</b>	<b>POS. 1526</b>
<b>PART #</b>	<b>19320</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gear Housing Right</b>	<b>POS. 2172</b>
<b>PART #</b>	<b>22031</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	Housing with gapping port	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gapping Port Plug</b>	<b>POS. 3100</b>
<b>PART #</b>	<b>23557</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	40mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>O-Ring for Gapping Port Plug</b>	<b>POS. 3100 a</b>
<b>PART #</b>	<b>23650</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	FKM	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gear Wheel Collar Driven Shaft</b>	<b>POS. 2176</b>
<b>PART #</b>	<b>22420</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	--	
<b>SPECS</b>	SS, 304	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Hex Bolt for Driven Shaft</b>	<b>POS. 2177</b>
<b>PART #</b>	<b>22335</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Steel 12.9	
<b>SPECS</b>	ISO4017 - M16 x 50mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Press Ring Gear Wheel Driven Shaft</b>	<b>POS. 2178</b>
<b>PART #</b>	<b>22436</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gear Wheel Drive Shaft</b>	<b>POS. 2183</b>
<b>PART #</b>	<b>22337</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	AISI 5115, hardened	
<b>SPECS</b>	58teeth, w=20mm, module 1,5	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gear Wheel Driven Shaft</b>	<b>POS. 2184</b>
<b>PART #</b>	<b>22338</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	AISI 5115, hardened	
<b>SPECS</b>	49 teeth, b:20mm, module 1,5	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Hex Socket Screw for Gear Synchronization Lock Ring</b>	<b>POS. 2186</b>
<b>PART #</b>	<b>22332</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Steel 12.9	
<b>SPECS</b>	ISO4762 - M6 x 25mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</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	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</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>	--	

<b>VT104 HPHT G8 NG</b>	<b>Gear Synchronization Lock Ring</b>	<b>POS. 2515</b>
<b>PART #</b>	<b>22027</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	<b>304</b>	
<b>SPECS</b>	<b>--</b>	
<b>NOTES</b>	<b>--</b>	

4.5 Drive Train

<b>VT104 HPHT G8 NG</b>	<b>SIT Pump Hub 42/55</b>	<b>POS. 2247</b>
<b>PART #</b>	<b>21702</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	SIT, BS:28mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>SIT Motor Hub 42/55 NEMA 21X</b>	<b>POS. 2248</b>
<b>PART #</b>	<b>21704</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	BS:1-3/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>SIT Motor Hub 42/55 NEMA 25X</b>	<b>POS. 2248</b>
<b>PART #</b>	<b>21705</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	SIT, BS:1-5/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>SIT Motor Hub 42/55 NEMA 28</b>	<b>POS. 2248</b>
<b>PART #</b>	<b>21706</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	SIT, BS:1-7/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>SIT Motor Hub 42/55 NEMA 32X</b>	<b>POS. 2248</b>
<b>PART #</b>	<b>21707</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	SIT, BS:2-1/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>SIT Motor Hub 42/55 NEMA 36X</b>	<b>POS. 2248</b>
<b>PART #</b>	<b>22196</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	SIT, BS:2-3/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>SIT Coupling Spider 42/55 Red</b>	<b>POS. 2249</b>
<b>PART #</b>	<b>7115</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	PU	
<b>SPECS</b>	SIT, 98 42/55 - Red	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>R+W Servomax EKL-300 Claw with 17mm Bore</b>	<b>POS. 2247</b>
<b>PART #</b>	<b>23178</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	STO	
<b>SPECS</b>	R+W, SD: 28mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>R+W Servomax ES2-150F Torque Limiter Claw</b>	<b>POS. 2248</b>
<b>PART #</b>	<b>23241</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	R+W, SD:1-3/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>R+W Servomax EKL-300 Claw with 17mm Bore</b>	<b>POS. 2248</b>
<b>PART #</b>	<b>23237</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	R+W, SD:1-5/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>R+W Servomax ES2-300F Torque Limiter Claw</b>	<b>POS. 2248</b>
<b>PART #</b>	<b>23236</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	R+W, SD:1-7/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>R+W Servomax ES2-300F Torque Limiter Claw</b>	<b>POS. 2248</b>
<b>PART #</b>	<b>23176</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	Aluminium	
<b>SPECS</b>	R+W, SD:2-1/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>R+W Servomax EK-150 Spider</b>	<b>POS. 2249</b>
<b>PART #</b>	<b>23243</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	TPU	
<b>SPECS</b>	R+W	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>W22 Severe Duty Motor</b>	<b>POS. 3003</b>
<b>PART #</b>	<b>various</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	variable	
<b>SPECS</b>	variable	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>NEMA Lantern S2 N180-N250 R+W</b>	<b>POS. 3000</b>
<b>PART #</b>	<b>21541</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	180-250 Frame	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>NEMA Lantern S2 N280 R+W</b>	<b>POS. 3000</b>
<b>PART #</b>	<b>21542</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	280 Frame	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>NEMA Lantern S2 N320 R+W</b>	<b>POS. 3000</b>
<b>PART #</b>	<b>21666</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	320 Frame	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>NEMA Lantern S2 N360 R+W</b>	<b>POS. 3000</b>
<b>PART #</b>	<b>22203</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	360 Frame	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Lantern Protection Shield VT CE</b>	<b>POS. 3001</b>
<b>PART #</b>	<b>21937</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	--	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Cap Nut for Protection Shield Lantern</b>	<b>POS. 3002</b>
<b>PART #</b>	<b>21933</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	3mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Dowel Pin for Gear Housing</b>	<b>POS. 2516</b>
<b>PART #</b>	<b>18764</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	303	
<b>SPECS</b>	DIN7 - 8m6 x 20mm	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Hex Head Screw 0.5-13x2.25in</b>	<b>POS. 2522</b>
<b>PART #</b>	<b>20329</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	1/2"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Hex Head Screw 0.625-11x2in</b>	<b>POS. 2522</b>
<b>PART #</b>	<b>17254</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	5/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Washer 0.5in SS</b>	<b>POS. 2523</b>
<b>PART #</b>	<b>20963</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	304	
<b>SPECS</b>	1/2"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Washer 0.625in</b>	<b>POS. 2523</b>
<b>PART #</b>	<b>18960</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	316	
<b>SPECS</b>	5/8"	
<b>NOTES</b>	--	

<b>VT104 HPHT G8 NG</b>	<b>Socket Head Cap Screw for Lantern Mount</b>	<b>POS. 2525</b>
<b>PART #</b>	<b>21938</b>	
<b>CUSTOMER REFERENCE #</b>		
<b>MATERIAL</b>	SS	
<b>SPECS</b>	16mm	
<b>NOTES</b>	--	