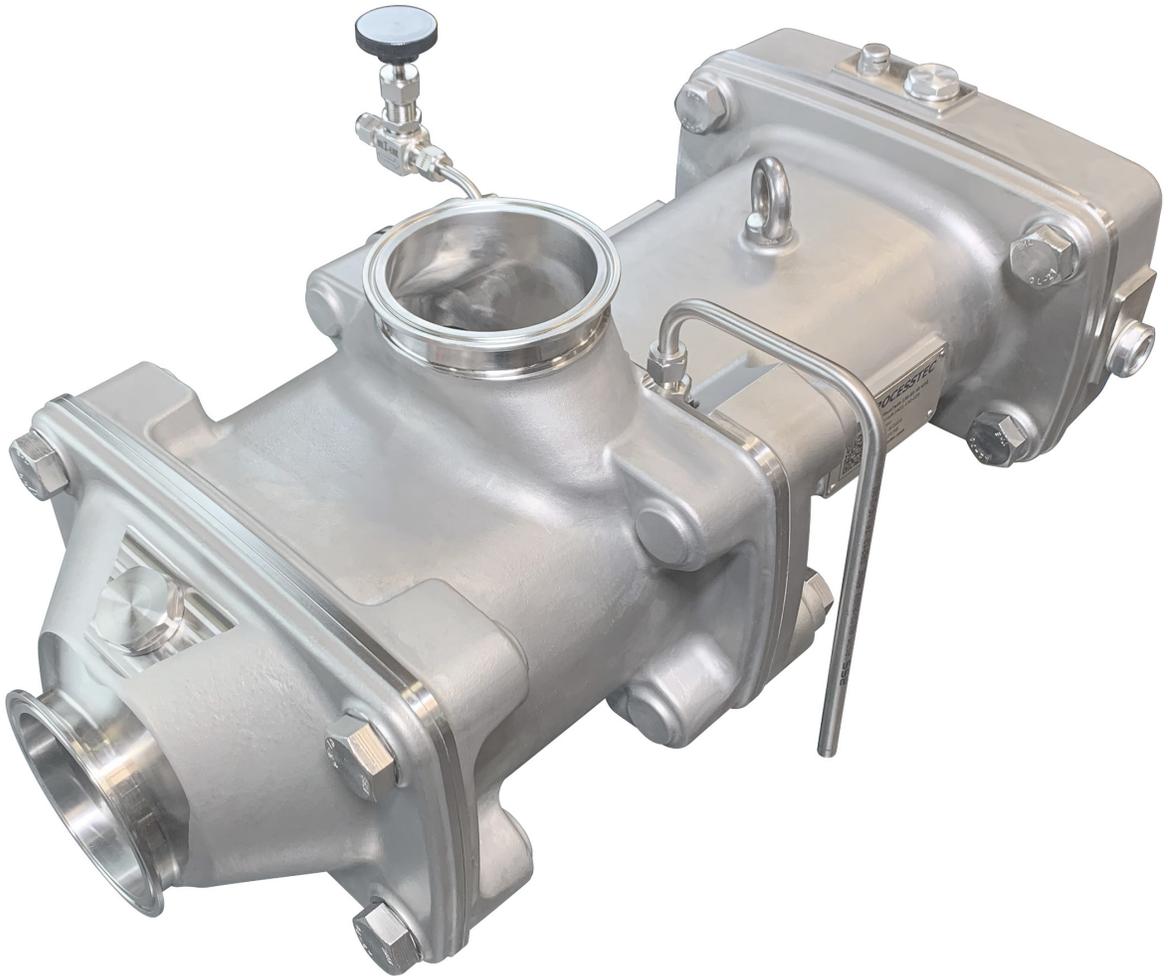


SPARE PARTS

ViscoTwin

VT130

G10, V2, 44



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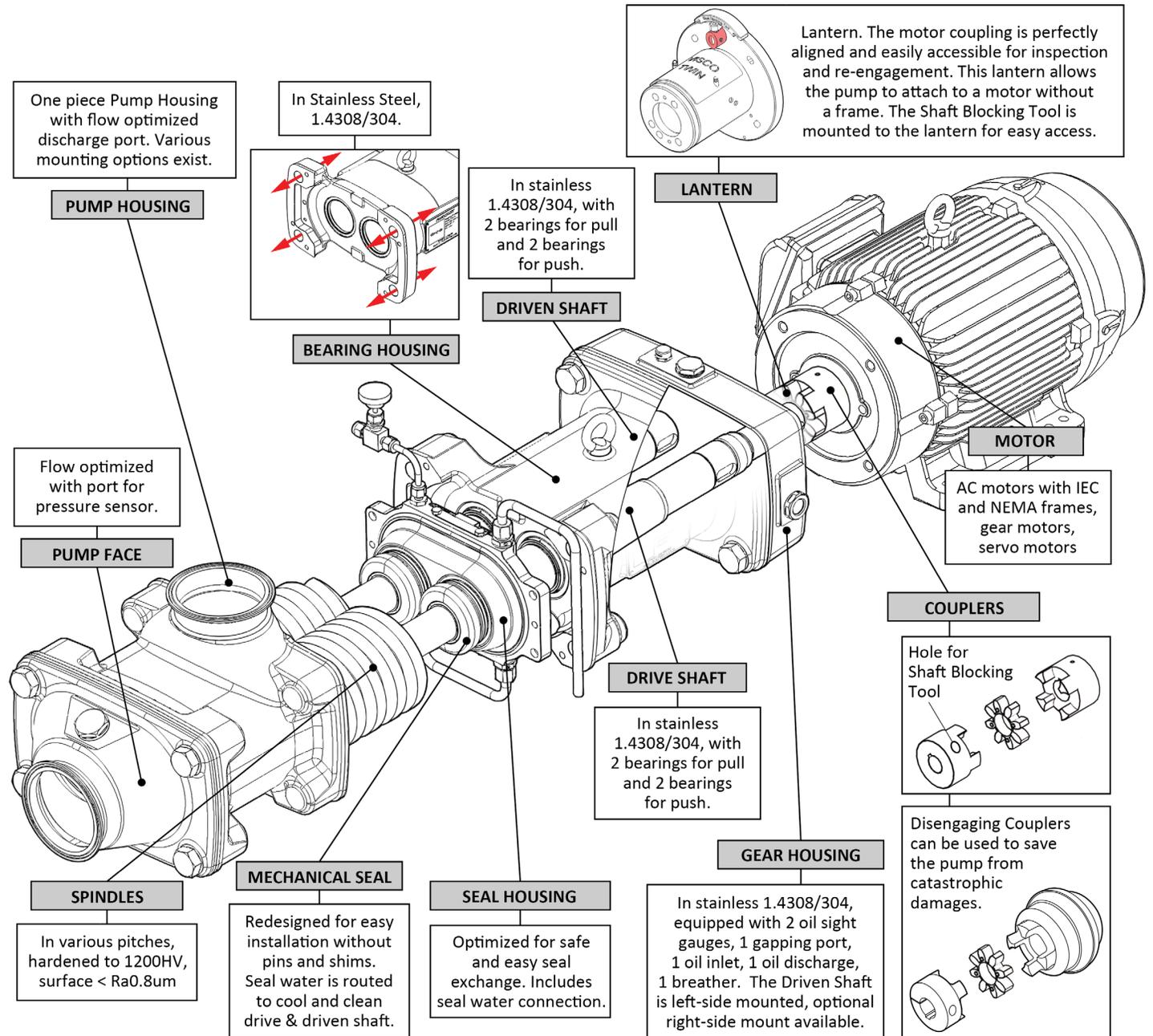
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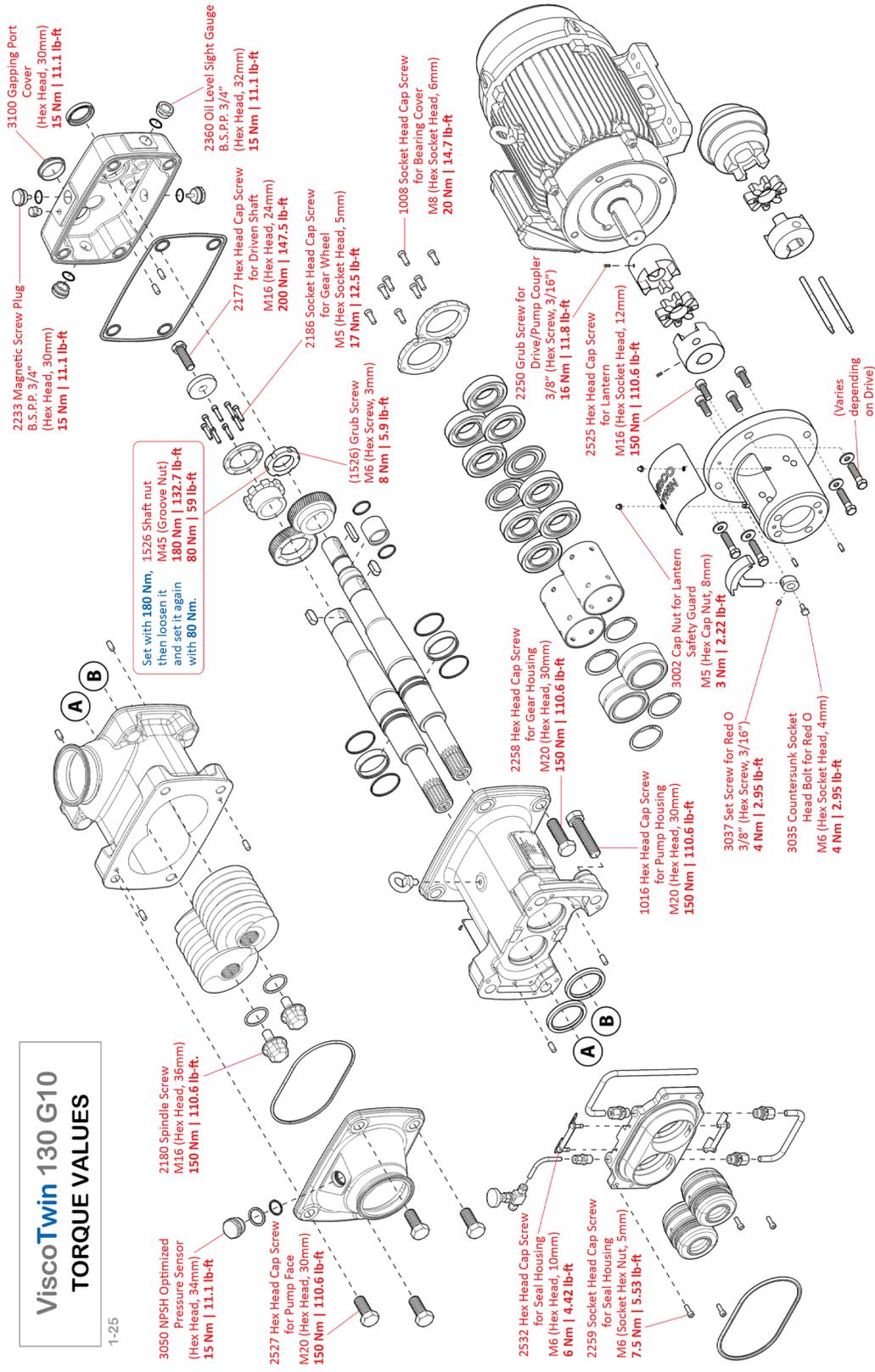
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1. OVERVIEW DRAWING



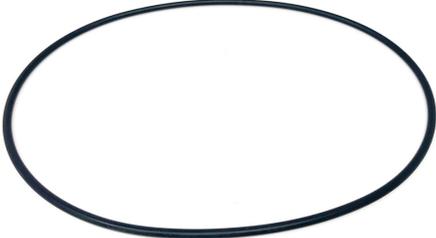
3. TORQUE VALUES



4. SPARE PARTS

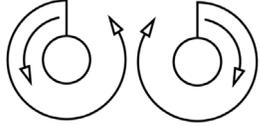
4.1 Pump Housing

| | | |
|-----------------------------|---------------------|---|
| VT130 G10 | Spindle Bolt | POS. 2180 |
| PART # | 23113 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 2205 | |
| SPECS | Hex Style | |
| NOTES | -- | |

| | | |
|-----------------------------|---------------------------------|---|
| VT130 G10 | O-Ring for Pump Face | POS. 2192 |
| PART # | 12516 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | 186.5 x 4mm | |
| NOTES | -- | |

| | | |
|-----------------------------|--------------------------------|---|
| VT130 G10 | O-Ring for Spindle Bolt | POS. 2194 |
| PART # | 12504 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | 42 x 3mm | |
| NOTES | -- | |

| | | |
|-----------------------------|--|---|
| VT130 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 | -- | |

| | | |
|-----------------------------|---|---|
| VT130 G10 | Spindle Pair VT130.44 | POS. 2202 |
| PART # | 14260 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 316L | |
| SPECS | 44mm, hardened | |
| NOTES |  | |

| | | |
|-----------------------------|---|---|
| VT130 G10 | Hex Head Cap Screw for Pump Face | POS. 2527 |
| PART # | 24884 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | A2-70 | |
| SPECS | 20mm/50mm | |
| NOTES | -- | |

| | | |
|-----------------------------|-----------------------|---|
| VT130 G10 | Pump Face OD4" | POS. 2528 |
| PART # | 23531 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | Fine Cast 316L | |
| SPECS | PF:OD4", Tri-Clamp | |
| NOTES | with Gauge Port | |

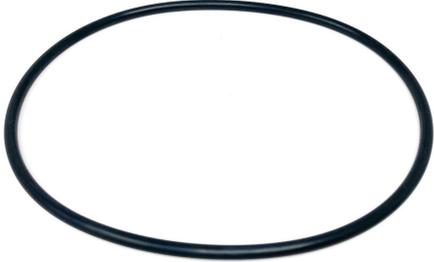
| | | |
|-----------------------------|--------------------------|---|
| VT130 G10 | Pump Housing OD4" | POS. 2530 |
| PART # | 23832 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | Fine Cast 316L | |
| SPECS | PCP:OD4", Tri-Clamp | |
| NOTES | -- | |

| | | |
|-----------------------------|--|---|
| VT130 G10 | Aseptoflex Plug for Sensor Port | POS. 3050 |
| PART # | 22252 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 316L | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|---|---|
| VT130 G10 | Gasket for Aseptoflex Plug (green) | POS. 3050 a |
| PART # | 22948 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | ID: 29.7mm x OD: 35.7mm | |
| NOTES | -- | |

| | | |
|---------------------------------|--|---|
| VT130 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

| | | |
|---------------------------------|--------------------------------|---|
| VT130 G10 | O-Ring Seal Housing | POS. 1088 |
| PART # | 12515 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | 180 x 6mm | |
| NOTES | -- | |

| | | |
|---------------------------------|-------------------------------|---|
| VT130 G10 | Elastomer Kit DAMS | POS. 2535 EK |
| PART # | 23770 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | EPDM/FKM | |
| SPECS | HUHNSEAL, SD: 55mm | |
| NOTES | -- | |

| | | |
|-----------------------------|-----------------------------|---|
| VT130 G10 | Mechanical Seal DAMS | POS. 2535 |
| PART # | 23485 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 316Ti/TuCKE, FKM | |
| SPECS | HUHNSEAL, SD: 55mm | |
| NOTES | -- | |

| | | |
|-----------------------------|--|---|
| VT130 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 | -- | |

| | | |
|-----------------------------|--|---|
| VT130 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 | -- | |

| | | |
|-----------------------------|---------------------|---|
| VT130 G10 | Seal Housing | POS. 2188 |
| PART # | 23532 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 316L | |
| SPECS | 3A | |
| NOTES | -- | |

| | | |
|-----------------------------|--|---|
| VT130 G10 | Hex Socket Screw for Seal Housing | POS. 2259 |
| PART # | 19366 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | A2-70 | |
| SPECS | 20mm, HHS:6mm | |
| NOTES | -- | |

| | | |
|-----------------------------|---------------------|---|
| VT130 G10 | Safety Guard | POS. 2546 |
| PART # | 23534 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | SS | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|--------------------------|---|
| VT130 G10 | SS-1 Needle Valve | POS. 3010 |
| PART # | 10745 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | H1:316, H1:PFA | |
| SPECS | H1:1/4" | |
| NOTES | -- | |

| | | |
|-----------------------------|-------------------------------|---|
| VT130 G10 | Supply Pipe Seal Water | POS. 3011 |
| PART # | 22014 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 304 | |
| SPECS | T:OD1/4" | |
| NOTES | Top Inlet Tube | |

| | | |
|-----------------------------|-----------------------------|---|
| VT130 G10 | Link Pipe Seal Water | POS. 3012 |
| PART # | 22015 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 316 | |
| SPECS | T:OD3/8" | |
| NOTES | Bottom Loop Tube | |

| | | |
|-----------------------------|----------------------------------|---|
| VT130 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

| | | |
|---------------------------------|-----------------------------|---|
| VT130 G10 | Key for Coupling | POS. 1183 |
| PART # | 12619 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 304 | |
| SPECS | DIN6885, 10 x 8 x 45 | |
| NOTES | -- | |

| | | |
|---------------------------------|---|---|
| VT130 G10 | Shaft Sealing Ring Bearing Housing | POS. 2322 |
| PART # | 21863 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | SD: 55mm | |
| NOTES | -- | |

| | | |
|-----------------------------|-----------------------------------|---|
| VT130 G10 | Dowel Pin for Seal Housing | POS. 2536 |
| PART # | 21903 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 303 | |
| SPECS | DIN7 - 8 h 8 x 24 undersize | |
| NOTES | -- | |

| | | |
|-----------------------------|---------------------|---|
| VT130 G10 | Drive Shaft | POS. 1000 |
| PART # | 21980 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 316 | |
| SPECS | Replaceable sleeves | |
| NOTES | -- | |

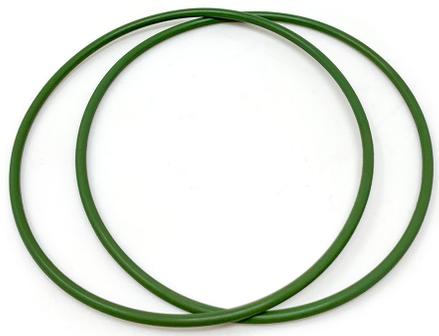
| | | |
|---------------------------------|---|---|
| VT130 G10 | Shaft Protection Sleeve Gear Housing | POS. 2675 |
| PART # | 23721 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 1.4301/1.4305 | |
| SPECS | Hard Inox S treated | |
| NOTES | -- | |

| | | |
|---------------------------------|--|---|
| VT130 G10 | Hex Head Cap Screw for Pump Housing | POS. 1016 |
| PART # | 24883 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | A2-70 | |
| SPECS | 20mm/90mm | |
| NOTES | -- | |

| | | |
|-----------------------------|--|---|
| VT130 G10 | Hex Head Cap Screw for Gear Housing | POS. 2258 |
| PART # | 24885 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | A2-70 | |
| SPECS | 20mm/50mm | |
| NOTES | -- | |

| | | |
|-----------------------------|--|---|
| VT130 G10 | O-Ring for Shaft Protection Sleeve Gear Housing | POS. 2676 |
| PART # | 23660 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | DIN3771 - 31,75 x 1,78mm | |
| NOTES | -- | |

| | | |
|---------------------------------|--|---|
| VT130 G10 | Shaft Protection Sleeve Bearing Housing | POS. 2677 |
| PART # | 23365 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | SS | |
| SPECS | Hard Inox S treated | |
| NOTES | -- | |

| | | |
|---------------------------------|---|---|
| VT130 G10 | O-Ring for Shaft Protection Sleeve Bearing Housing | POS. 2678 |
| PART # | 23367 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | DIN3771 - 56,87 x 1,78mm | |
| NOTES | -- | |

| | | |
|-----------------------------|--|---|
| VT130 G10 | Driven Shaft | POS. 2171 |
| PART # | 22615 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 316 | |
| SPECS | Replaceable sleeve | |
| NOTES | replaceable sleeve at oil sealing ring positions | |

| | | |
|-----------------------------|------------------------|---|
| VT130 G10 | Bearing Housing | POS. 1001 |
| PART # | 23830 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | Fine Cast 1.4308 | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|----------------|---|
| VT130 G10 | Eyebolt | POS. 1001 a |
| PART # | 23579 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 304 | |
| SPECS | DIN580 - M10 | |
| NOTES | -- | |

| | | |
|-----------------------------|------------------------------|---|
| VT130 G10 | Needle Roller Bearing | POS. 1003 |
| PART # | 23502 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | -- | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|-----------------------|---|
| VT130 G10 | Lock Snap Ring | POS. 1009 |
| PART # | 23577 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | -- | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|---|---|
| VT130 G10 | Outer Spacer Ring for Ball Bearing | POS. 1121 |
| PART # | 18766 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | SS | |
| SPECS | outside | |
| NOTES | -- | |

| | | |
|-----------------------------|---|---|
| VT130 G10 | Inner Spacer Ring for Ball Bearing | POS. 1530 |
| PART # | 18767 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | SS | |
| SPECS | inside | |
| NOTES | -- | |

| | | |
|-----------------------------|-----------------------------------|---|
| VT130 G10 | Spacer Sleeve for Bearings | POS. 1529 |
| PART # | 18771 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | SS | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|-----------------------------|---|
| VT130 G10 | Angular Ball Bearing | POS. 2181 |
| PART # | 23131 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | -- | |
| SPECS | SH:45mm | |
| NOTES | -- | |

| | | |
|-----------------------------|--|---|
| VT130 G10 | Gear Wheel Key for Drive & Driven Shaft | POS. 2179 |
| PART # | 22257 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | SS | |
| SPECS | DIN6885 - AS 14 x 9 x 32 | |
| NOTES | -- | |

| | | |
|---------------------------------|----------------------|---|
| VT130 G10 | Venting Valve | POS. 2232 |
| PART # | 23563 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 304 | |
| SPECS | 1/4" | |
| NOTES | -- | |

4.4 Gear Housing

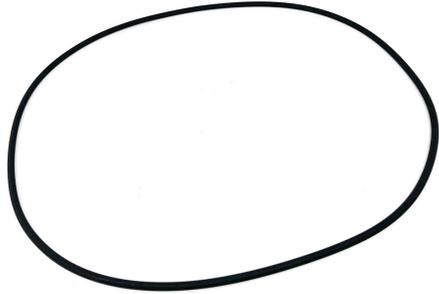
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|---------------------------------|--|---|
| VT130 G10 | Shaft Sealing Ring Gear Housing | POS. 1010 |
| PART # | 21904 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | SD:55mm | |
| NOTES | -- | |

| | | |
|---------------------------------|--------------------------------|---|
| VT130 G10 | Magnetic Screw Plug | POS. 2233 |
| PART # | 21767 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | Aluminium | |
| SPECS | 3/4" | |
| NOTES | -- | |

| | | |
|-----------------------------|---------------------------------------|---|
| VT130 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 | |

| | | |
|-----------------------------|------------------------------|---|
| VT130 G10 | Oil Level Sight Gauge | POS. 2360 |
| PART # | 21766 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | -- | |
| SPECS | G3/4" | |
| NOTES | -- | |

| | | |
|-----------------------------|---|---|
| VT130 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 | |

| | | |
|-----------------------------|--------------------------------------|---|
| VT130 G10 | O-Ring Large for Gear Housing | POS. 2513 |
| PART # | 23658 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | DIN3771 - 278 x 4mm | |
| NOTES | -- | |

| | | |
|-----------------------------|--------------------------------------|---|
| VT130 G10 | O-Ring Small for Gear Housing | POS. 2514 |
| PART # | 21864 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | DIN3771 - 25,5 x 2mm | |
| NOTES | In set of 4 only | |

| | | |
|-----------------------------|------------------------------------|---|
| VT130 G10 | Gear Oil Bearing Housing VT | POS. 2170 |
| PART # | 21871 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | -- | |
| SPECS | 1 L, foodgrade | |
| NOTES | -- | |

| | | |
|-----------------------------|----------------------------|---|
| VT130 G10 | Oil Sample Test Kit | POS. 2173 |
| PART # | 23580 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | -- | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|---|---|
| VT130 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 | -- | |

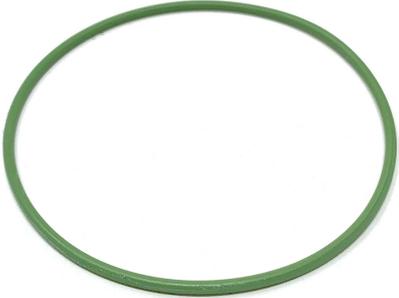
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|-----------------------------|----------------------|---|
| VT130 G10 | Bearing Cover | POS. 1227 |
| PART # | 18772 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | C45 | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|---------------------------------------|---|
| VT130 G10 | Gear Wheel Nut for Drive Shaft | POS. 1526 |
| PART # | 18763 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | SS | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|----------------------------------|---|
| VT130 G10 | Gear Housing | POS. 2172 |
| PART # | 23572 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FC304 | |
| SPECS | Right, Housing with gapping port | |
| NOTES | -- | |

| | | |
|-----------------------------|---------------------------------|---|
| VT130 G10 | Gear Housing | POS. 2172 |
| PART # | 23573 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FC304 | |
| SPECS | Left, Housing with gapping port | |
| NOTES | -- | |

| | | |
|-----------------------------|--------------------------|---|
| VT130 G10 | Gapping Port Plug | POS. 3100 |
| PART # | 23508 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 304 | |
| SPECS | 50mm | |
| NOTES | -- | |

| | | |
|-----------------------------|-------------------------------------|---|
| VT130 G10 | O-Ring for Gapping Port Plug | POS. 3100 a |
| PART # | 23650 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | FKM | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|---------------------------------------|---|
| VT130 G10 | Gear Wheel Collar Driven Shaft | POS. 2176 |
| PART # | 22611 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | -- | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|-----------------------------|----------------------------------|---|
| VT130 G10 | Hex Bolt for Driven Shaft | POS. 2177 |
| PART # | 22335 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | Steel 12.9 | |
| SPECS | ISO4017 - M16 x 50mm | |
| NOTES | -- | |

| | | |
|---------------------------------|---|---|
| VT130 G10 | Press Ring Gear Wheel Driven Shaft | POS. 2178 |
| PART # | 22612 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 304 | |
| SPECS | -- | |
| NOTES | -- | |

| | | |
|---------------------------------|-----------------------------------|---|
| VT130 G10 | Gear Wheel Drive Shaft | POS. 2183 |
| PART # | 22339 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | AISI 5115, hardened | |
| SPECS | 58teeth, w=20mm, module 1,5 | |
| NOTES | -- | |

| | | |
|---------------------------------|------------------------------------|---|
| VT130 G10 | Gear Wheel Driven Shaft | POS. 2184 |
| PART # | 22340 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | AISI 5115, hardened | |
| SPECS | 58teeth, b=20mm, module 1,5 | |
| NOTES | -- | |

| | | |
|---------------------------------|--|---|
| VT130 G10 | Hex Socket Screw for Gear Synchronization Lock Ring | POS. 2186 |
| PART # | 22333 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | Steel 12.9 | |
| SPECS | ISO4762 - M6 x 30mm | |
| NOTES | -- | |

| | | |
|---------------------------------|---------------------------------------|---|
| VT130 G10 | Dowel Pin for Gear Housing | POS. 2256 |
| PART # | 18764 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 303 | |
| SPECS | 8mm / 20mm, undercut | |
| NOTES | -- | |

| | | |
|---------------------------------|---|---|
| VT130 G10 | Gear Synchronization Lock Ring | POS. 2515 |
| PART # | 22074 |  |
| CUSTOMER REFERENCE # | | |
| MATERIAL | 304 | |
| SPECS | -- | |
| NOTES | -- | |