

Operating Manual

SX2 Pump Range - Vertically ported

| DRAWING ITEM No. | DESCRIPTION | SX2NLD and SX2WLD | | | | |
|------------------|--|-------------------|----------|--------------|---------------------|----------------|
| | | QTY | PART No. | ITEM No. | OTHER PUMPS USED ON | |
| 1 | Gearcase - universal mounting, non EHEDG approved (designated by U) | 1 | 5220.512 | 9630070054 | | |
| 1 | Gearcase - dedicated vertically ported, EHEDG approved (designated by H) | 1 | 5220-522 | 9630070056 | | |
| 1A | Foot gasket | 1 | 5198.232 | 9630070136 | | |
| 1B | Foot | 1 | 5225.402 | 9630069904 | | |
| 1C | Bolt, Foot | 2 | 6000.015 | 9630074794 | | |
| 2 | Dowel | 2 | 5170.025 | 5170025 | SR1, SX1 | |
| 3 | Stud, gearcase | 4 | 6350.136 | 6350-136 | SR2 | |
| 4 | Nut, gearcase stud | 4 | 5330.000 | 5330-000 | SR2/3, SX3 | |
| 4A | Washer, gearcase stud | 4 | 6400.037 | 6400037 | SR2/3, SX3 | |
| 5 | Cover, gearcase | 1 | 5120.162 | 9630070008 | | |
| 6 | Screw, rear cover | 6 | 5990.052 | 5990-052 | SX3 | |
| 7 | Lip seal, drive end | 1 | 5310.079 | 5310079 | SR2 | |
| 8 | Shim | 1set | 6150.292 | 6150292 | | |
| 8A | Shim retainer | 2 | 6150.282 | 9630069365 | | |
| 8B | Shim retainer screws | 4 | 6000.010 | 9630050533 | SR1-6, SX1/3-7 | |
| 9 | Rotorcase, Tri-Clamp, | SX2NLD | 1 | 9005.512S | 9630069781 | |
| 9 | Rotorcase, Tri-Clamp, | SX2WLD | 1 | 9005.513S | 9630086987 | |
| 10 | Stud, rotorcase | | 4 | 6350.094 | 6350094 | SR2 |
| 11 | Compression joint, front cover | Viton | 1 | 5381.201 | 5381-201 | |
| | | Silicone | | 5381.204 | 9630070194 | |
| | | EPDM | | 5381.205 | 5381-205 | |
| 12 | Cover, rotorcase | | 1 | 5130.432 | 9630069665 | |
| 13 | Dome nut, front cover | | 4 | 5340.407 | 5340407 | SR2-5, SX3-5 |
| 14 | Retainer, seal | | 2 | 5560.082 | 9630069355 | |
| 14A | Gasket | | 1 | 5198.222 | 9630069357 | |
| 15 | Screw, front seal carrier | | 6 | 5990.052 | 5990-052 | SX3 |
| 16 | Lip seal, gland end | | 2 | 5310.107 | 5310107 | |
| 17 | Rotor | 2NLD-5 bar | 2 | 5780.013E | 5780-013E | |
| | | 2NLD-10 bar | | 5780.013K | 5780-013K | |
| | | 2NLD-15 bar | | 5780.013R | 5780-013R | |
| | | 2WLD-3 bar | | 5780.018C | 9630075284 | |
| | | 2WLD - 7 bar | | 5780.018G | 5780-018G | |
| 18 | 'O' Ring, rotor sealing shaft end | Viton | 2 | 883155108 | 9630035241 | |
| | | Silicone | | 1554.018 | 9630074203 | |
| | | EPDM | | 1555.018 | 9630074202 | |
| 20 | Cup seal, rotor sealing | Viton | 2 | 5382.101 | 9630096429 | |
| | | Silicone | | 5382.104 | 9630069427 | |
| | | EPDM | | 5382.105 | 9630069424 | |
| 21 | Rotor retention device | 2NLD | 2 | 5900.202 | 5900-202 | |
| 22 | Rotor retention device | 2WLD | 2 | 5900.212 | 5900-212 | |
| 23 | Key | | 1 | 5270.007 | 5270-007 | SR2 |
| 24 | Shaft, drive | | 1 | 6110.742 | 6110-742 | |
| 25 | Shaft, auxillary | | 1 | 6100.742 | 6100-742 | |
| 26 | Bearing, rear | | 2 | 5080.022 | 9630069297 | |
| 27 | Spacer, shaft abutment | | 1 | 5670.168.01 | 9630069959 | |
| 30 | Nut, Bearing | | 2 | 5340.041 | 5340-041 | SR2 |
| 31 | Bearing, front | | 2 | 5080022 | 9630069297 | |
| 32 | Spacer, shaft | | 2 | 5670.162 | 9630069353 | |
| 36 | Timing gear | | 2 | 5210.077 | 9630069305 | |
| 38 | Torque lockng element | | 2 | 5615.015 | 5615-015 | SR2 |
| 39 | Clamp plate | | 2 | 5110.040 | 5110-040 | SR2 |
| 40 | Caphead screws, clamp plate | | 6 | 5990044 | 5990044 | SX1 |
| 45 | Drain plug, oil | | 2 | 5470.001 | 9630024417 | SX1/3/4 |
| 46 | Sight level, oil | | 1 | 5480.001 | 5480-001 | SR1-3, SX1/3-7 |
| 47 | Filler plug, oil | | 1 | 31491.0052.1 | 31491-0052-1 | SR1-3, SX1/3-7 |
| 49 | Rotor retainer removal tool | | 1 | 6380.191 | 6380-191 | SX1/3 |

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