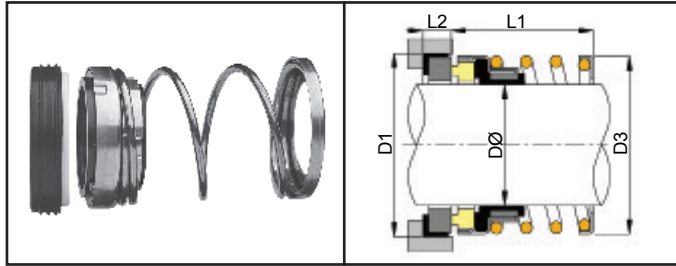




VULCAN® SEALS FOR HIDROSTAL® PUMPS

TYPE 11   304

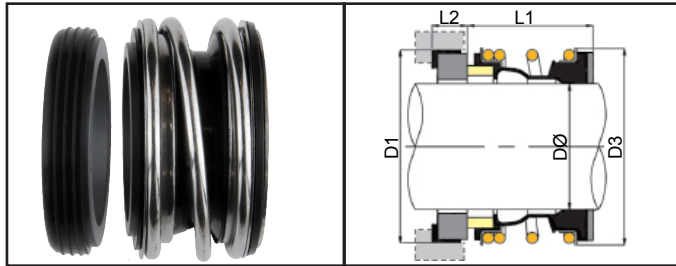


Vulcan standard Type 11 diaphragm seals to replace O.E.M. "C-" and "V-" type seals. NB:- Size code 0250 is a Type 20 not our Type 11. These seals are fitted in the inner oil bath position.

Product side seals are either a rubber bellows type seal, as per our Type 194, shown below. Or rubber encased seals which can be replaced by our Type 41, as detailed below.

| SHAFT SIZE DØ | | SIZE CODE | D1 | | D3 | | L1 | | L2 | | O.E.M. SEAL CODE |
|---------------|--------|-----------|----------|--------|----------|---------|----------|--------|----------|--------|------------------|
| IMPERIAL | METRIC | | IMPERIAL | METRIC | IMPERIAL | METRIC | IMPERIAL | METRIC | IMPERIAL | METRIC | |
| 0.875 | 22.23 | 0222 | 1.500 | 38.10 | 1.315 | 33.400 | 0.937 | 23.80 | 0.405 | 10.28 | C0.6 , V0.6 |
| 0.984 | 25.00 | 0250 | 1.594 | 40.50 | 1.543 | 39.200 | 1.000 | 25.40 | 0.406 | 10.32 | C025 |
| 1.125 | 28.58 | 0286 | 1.750 | 44.44 | 1.823 | 46.300 | 1.062 | 26.97 | 0.437 | 11.10 | C1.1 , V1.1 |
| 1.375 | 34.93 | 0349 | 2.000 | 50.80 | 2.071 | 52.600 | 1.125 | 28.58 | 0.437 | 11.10 | C1.3 |
| 1.500 | 38.10 | 0381 | 2.125 | 53.98 | 2.197 | 55.800 | 1.125 | 28.58 | 0.437 | 11.10 | C1.5 |
| 2.000 | 50.80 | 0508 | 2.750 | 69.85 | 2.874 | 73.000 | 1.500 | 38.10 | 0.500 | 12.70 | C2.0 |
| 2.500 | 63.50 | 0635 | 3.375 | 85.73 | 3.343 | 84.900 | 1.812 | 46.02 | 0.562 | 14.28 | C2.5 |
| 3.000 | 76.20 | 0762 | 3.875 | 98.43 | 4.043 | 102.700 | 2.062 | 52.37 | 0.625 | 15.88 | C3.0 |

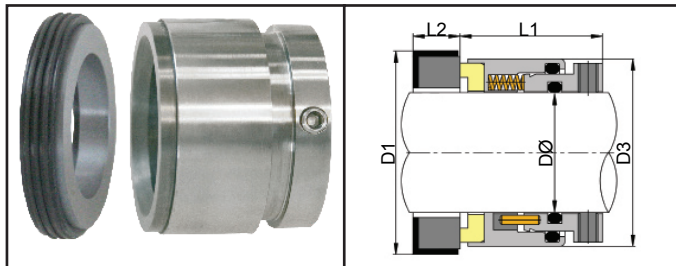
TYPE 194   304















Vulcan Type 194 robust rubber bellows seals to replace O.E.M. "G-" type seals. Seal sizes from 0286 and up are supplied with steel back-washer, to separate the seal bellows from the shaft circlip. Size code 0200 to replace O.E.M. "G020K" is standard Vulcan Type 19B seal. Usually fitted in tandem with our Type 11 seals, detailed above, or our Type 41 seals, shown below.

| SHAFT SIZE DØ | | SIZE CODE | D1 | | D3 | | L1 | | L2 | | O.E.M. SEAL CODE |
|---------------|--------|-----------|----------|--------|----------|--------|----------|--------|----------|--------|------------------|
| IMPERIAL | METRIC | | IMPERIAL | METRIC | IMPERIAL | METRIC | IMPERIAL | METRIC | IMPERIAL | METRIC | |
| 0.625 | 15.88 | 0158 | 1.187 | 30.14 | 1.102 | 28.00 | 0.875 | 22.23 | 0.405 | 10.28 | G016 , M0.6 |
| 0.787 | 20.00 | 0200 | 1.500 | 38.10 | 1.417 | 36.00 | 1.181 | 30.00 | 0.394 | 10.00 | G020 |
| 0.787 | 20.00 | 0200 | 1.378 | 35.00 | 1.594 | 40.50 | 0.846 | 21.50 | 0.295 | 7.50 | G020K |
| 1.125 | 28.58 | 0286 | 1.750 | 44.44 | 1.850 | 47.00 | 1.062 | 26.97 | 0.437 | 11.10 | G1.1 |
| 1.500 | 38.10 | 0381 | 2.125 | 53.98 | 2.283 | 58.00 | 1.125 | 28.58 | 0.437 | 11.10 | G1.5 |
| 2.000 | 50.80 | 0508 | 2.750 | 69.85 | 2.795 | 71.00 | 1.500 | 38.10 | 0.500 | 12.70 | G2.0 |
| 2.500 | 63.50 | 0635 | 3.375 | 85.73 | 3.543 | 90.00 | 1.812 | 46.02 | 0.562 | 14.28 | G2.5 |
| 3.000 | 76.20 | 0762 | 3.875 | 98.43 | 4.016 | 102.00 | 2.062 | 52.37 | 0.625 | 15.88 | G3.0 |
| 3.740 | 95.00 | 0950 | 4.876 | 123.85 | 5.157 | 131.00 | 2.375 | 60.33 | 0.752 | 19.10 | G095 |
| 3.937* | 100.00 | 1000 | 4.876 | 123.85 | 5.157 | 131.00 | 2.375 | 60.33 | 0.752 | 19.10 | G100 |

TYPE 41



Vulcan Type 41 is a unitised, highly robust, balanced multi-spring seal to replace O.E.M. "M-" and "X-" type seals. Type 41 is designed to replace the single-spring rubber-encased O.E.M. seals, that can often fail when the rubber loses its bond with the seal faces and metal parts. Seal size 0950 has an 'O'-Ring type stationary, not boot mount. Usually fitted in tandem with either our Type 11 or Type 194 seals, shown above.

| SHAFT SIZE DØ | | SIZE CODE | D1 | | D3 | | L1 | | L2 | | O.E.M. SEAL CODE | GUARANTEED STOCK MATERIALS |
|---------------|--------|-----------|----------|--------|----------|--------|----------|--------|----------|--------|------------------|---|
| IMPERIAL | METRIC | | IMPERIAL | METRIC | IMPERIAL | METRIC | IMPERIAL | METRIC | IMPERIAL | METRIC | | |
| 1.125 | 25.58 | 0286 | 1.750 | 44.44 | 1.732 | 44.00 | 1.181 | 30.00 | 0.319 | 8.10 | M1.1 |   316 |
| 1.500 | 38.10 | 0381 | 2.125 | 53.98 | 2.157 | 54.80 | 1.244 | 31.60 | 0.319 | 8.10 | M1.5 |   316 |
| 2.000 | 50.80 | 0508 | 2.750 | 69.85 | 2.661 | 67.60 | 1.500 | 38.10 | 0.500 | 12.70 | M2.0 , X2.0 |   316 |
| 2.500 | 63.50 | 0635 | 3.375 | 85.73 | 3.082 | 78.30 | 1.812 | 46.20 | 0.562 | 14.28 | M2.5 , X2.5 |   316 |
| 3.000* | 76.20 | 0762 | 3.875 | 98.43 | 3.689 | 93.70 | 2.063 | 52.40 | 0.625 | 15.88 | M3.0 , X3.0 |   316 |
| 3.740 | 95.00 | 0950 | 4.876 | 123.85 | 5.039 | 128.00 | 2.477 | 62.90 | 0.649 | 16.50 | X095 |   316 |