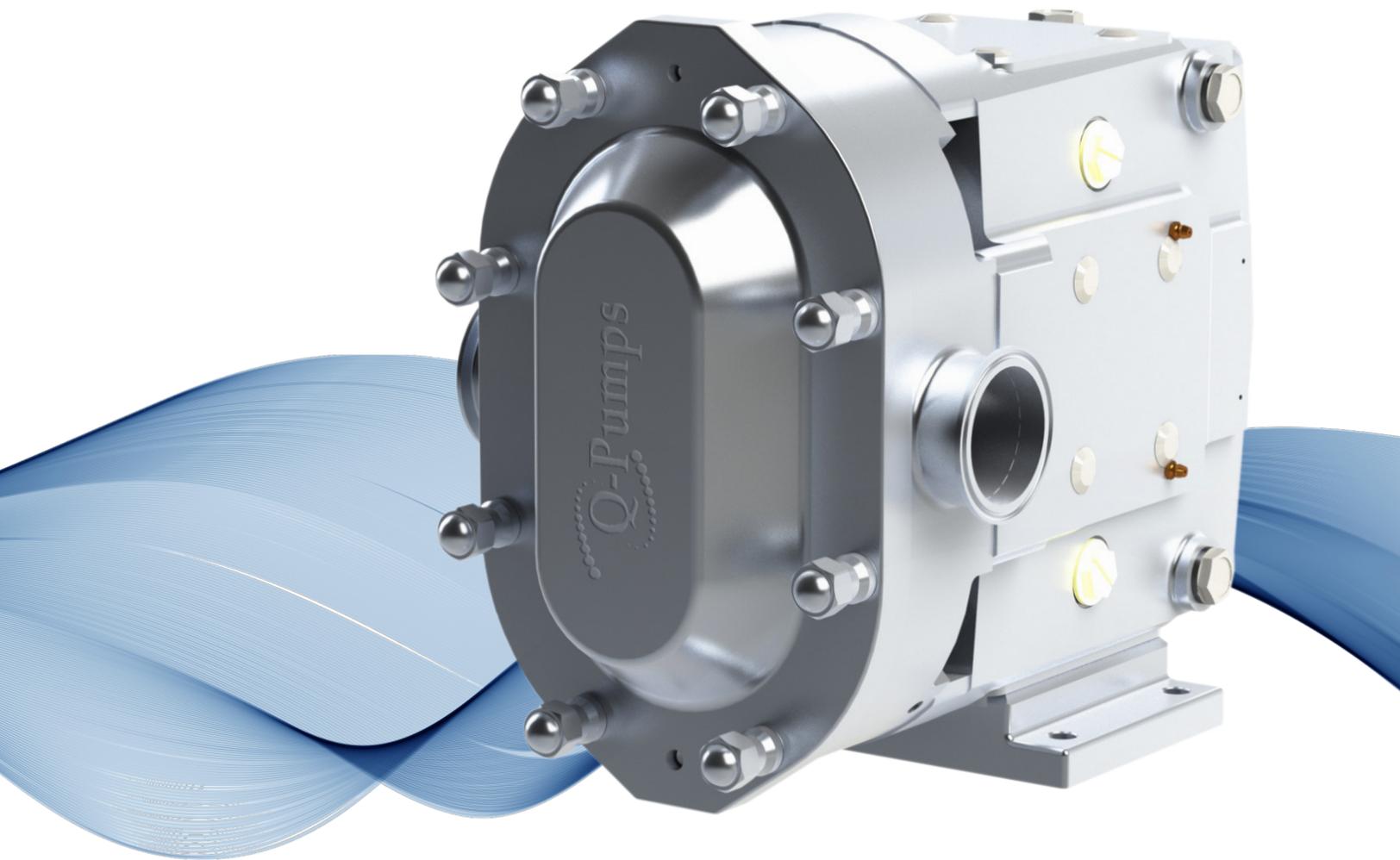


QP SERIES

INTERCHANGEABLE CIRCUMFERENTIAL PISTON PUMPS



QP SERIES

QP1 and QP2 pump series are 100% dimensionally and hydraulically interchangeable with other brands in the market. Unlike the competition, Q-Pumps supplies the pump with a 304 stainless steel gearbox, without this great advantage implying an increase in the final price of the equipment.



3-A & EHEDG certified.

Q 312 gpm / 1173 lpm

μ up to 1000000 cP

P 500 psi / 34.5 bar
1155 ft / 352 m

T 150 °C / 302 °F

CHARACTERISTICS

- Gearbox made of stainless steel, which makes it more resistant than conventional cast-iron gearboxes.
- 304 stainless steel seals.
- Helical gears
- Flexibility for 4 mounting positions.
- Solid 17-4 ph stainless steel shafts.
- Grease fittings on both sides.
- Antimicrobial lubricant.
- Alloy 88 rotors
- 6 threaded oil plugs with glass peepholes.
- Self-cleaning packages in the plugs.



ADVANTAGES:

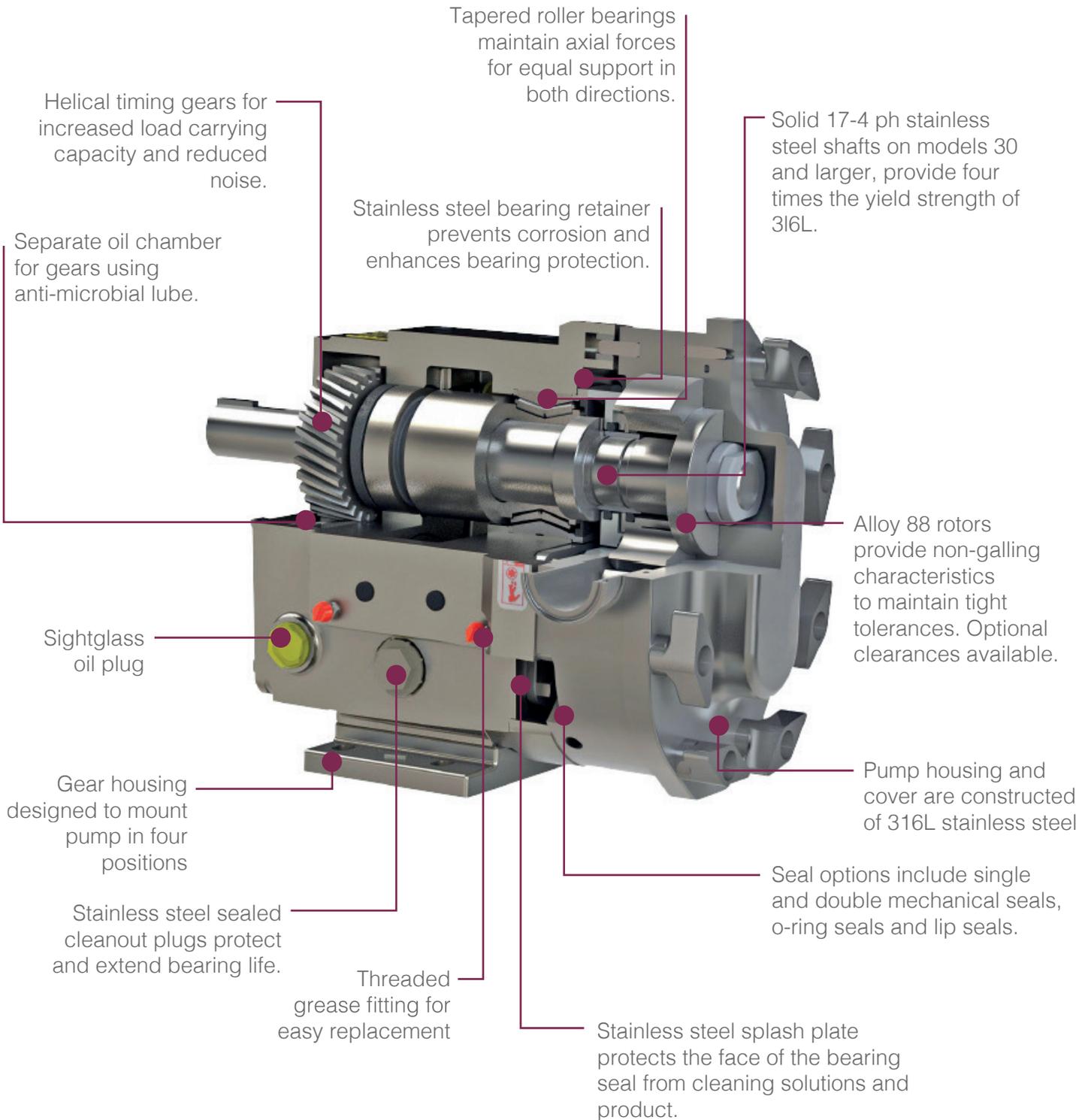
Q-Pumps circumferential piston pumps are designed to cover all hygienic pumping applications in the food, dairy, beverage, pharmaceutical and other industries.

Due to its reduced internal tolerances it has a wide range of applications, from low viscosity products such as water, to highly viscous products such as toothpaste.

- The oil-seal is made of stainless steel which prevents oxidation.
- High-torque shafts made of one alloy makes them more resistant.
- Self-cleaning gaskets.
- 100% interchangeable and compatible with other series in the market
- Remanufacturing program*: Reconditioned pumps with a one-year warranty.



UNIVERSALLY INTERCHANGEABLE



QP2 SERIES

QP2 Series with its stainless steel gearcase are built for CIP-ability with enclosed rotor nuts, can handle higher pressures with its larger 17-4ph stainless steel shafts and are capable of withstanding pressures of up to 500 PSI.

- Larger shafts to increase pump life.
- Cost and time savings due to its CIP capacity.
- Designed for Clean In Place.
- 3-A Certified.

APPLICATIONS



TECHNICAL DATA

QP1 PUMP PERFORMANCE

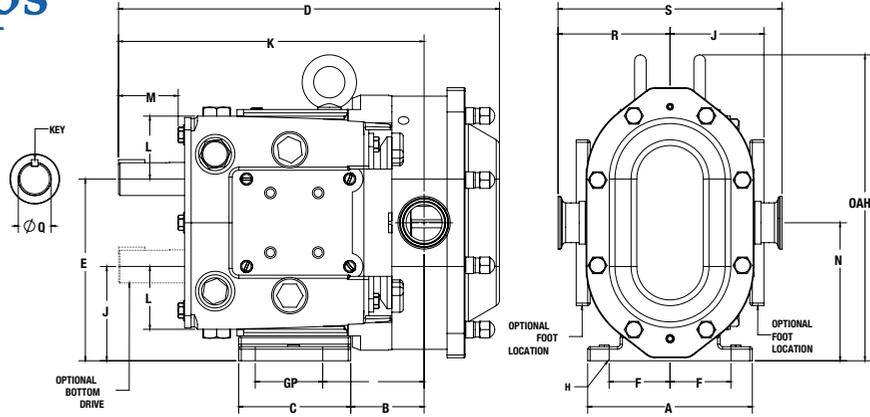
| | Nominal Capacity | | Displacement | | Maximum Differential Pressure | | Standard Connection Size | | Optional Connection Size | | Maximum Speed RPM | Temperature Range | |
|-----|------------------|--------|--------------|----------|-------------------------------|------|--------------------------|-----|--------------------------|----|----------------------|-------------------|-------------------|
| | GPM | LPM | Gal / Rev | L / Rev. | PSI | Bar | in. | mm | in. | mm | | °F | °C |
| 6 | 7 | 24.8 | 0.0082 | 0.031 | 200 | 13.8 | 1 | 25 | 1½" | 38 | 800 | -40° a 300° | -40° a 149° |
| 15 | 10 | 37.6 | 0.0142 | 0.054 | 200 | 13.8 | 1½" | 38 | - | - | 700 | | |
| 18 | 17 | 65.9 | 0.029 | 0.110 | 200 | 13.8 | 1½" | 38 | 2" | 51 | 600 | | |
| 30 | 36 | 136.3 | 0.060 | 0.227 | 200 | 13.8 | 1½" | 38 | 2" | 51 | 600 | | |
| 40 | 46 | 172.6 | 0.076 | 0.288 | 150 | 10.3 | 2" | 51 | 2½" | 64 | 600 | | |
| 60 | 92 | 347.5 | 0.153 | 0.579 | 200 | 13.8 | 2½" | 64 | 3" | 76 | 600 | | |
| 130 | 152 | 576.8 | 0.254 | 0.961 | 200 | 13.8 | 3" | 76 | - | - | 600 | | |
| 220 | 313 | 1185.5 | 0.522 | 1.976 | 200 | 13.8 | 4" | 102 | - | - | 600 | | |
| 320 | 452 | 1712.3 | 0.754 | 2.854 | 200 | 13.8 | 6" | 152 | - | - | 600 | | |
| 323 | 370 | 1398.9 | 0.616 | 2.332 | 225 | 15.5 | 6" | 152 | - | - | 600 | | |

| | Nominal Capacity | | Displacement | | Maximum Differential Pressure | | Rectangular Inlet (A x L) | | Download | | Maximum Speed RPM | Temperature Range | |
|-----|------------------|--------|--------------|----------|-------------------------------|------|---------------------------|-----------|----------|---------|----------------------|-------------------|-------------------|
| | GPM | LPM | Gal / Rev | L / Rev. | PSI | Bar | in. | mm | in. | mm | | °F | °C |
| 34 | 24 | 90.8 | 0.060 | 0.227 | 200 | 13.8 | 1.75 x 6.75 | 44 x 171 | 2" | 51 | 400 | -40° a 300° | -40° a 149° |
| 64 | 61 | 231.6 | 0.153 | 0.579 | 200 | 13.8 | 2.24 x 8.82 | 57 x 224 | 2½" (3") | 64 (76) | 400 | | |
| 134 | 102 | 384.6 | 0.254 | 0.961 | 200 | 13.8 | 2.97 x 9.25 | 75 x 235 | 3" | 76 | 400 | | |
| 224 | 208 | 788.8 | 0.521 | 1.972 | 200 | 13.8 | 3.78 x 11 | 98 x 279 | 4" | 102 | 400 | | |
| 324 | 301 | 1139.2 | 0.754 | 2.854 | 200 | 13.8 | 5.00 x 17.38 | 127 x 441 | 6" | 152 | 400 | | |

QP2 PUMP PERFORMANCE

| | Nominal Capacity | | Displacement | | Maximum Differential Pressure | | Standard Connection Size | | Optional Connection Size | | Maximum Speed RPM | Temperature Range | |
|-----|------------------|--------|--------------|---------|-------------------------------|------|--------------------------|-----|--------------------------|----|----------------------|-------------------|-------------------|
| | GPM | LPM | Gal / Rev | L / Rev | PSI | Bar | in. | mm | in. | mm | | °F | °C |
| 6 | 8 | 31.0 | 0.0082 | 0.031 | 300 | 20.7 | 1" | 25 | 1½" | 38 | 1000 | -40° a 300° | -40° a 149° |
| 15 | 11 | 43.0 | 0.0142 | 0.054 | 250 | 17.2 | 1½" | 38 | - | - | 800 | | |
| 18 | 20 | 76.8 | 0.029 | 0.110 | 200 | 13.8 | 1½" | 38 | 2" | 51 | 700 | | |
| 30 | 36 | 136.3 | 0.060 | 0.227 | 250 | 17.2 | 1½" | 38 | 2" | 51 | 600 | | |
| 40 | 46 | 172.6 | 0.076 | 0.288 | 150 | 10.3 | 2" | 51 | 2½" | 64 | 600 | | |
| 45 | 59 | 222.6 | 0.098 | 0.371 | 450 | 31.0 | 2" | 51 | - | - | 600 | | |
| 60 | 92 | 347.5 | 0.153 | 0.579 | 300 | 20.7 | 2½" | 64 | 3" | 76 | 600 | | |
| 130 | 152 | 576.8 | 0.254 | 0.961 | 200 | 13.8 | 3" | 76 | - | - | 600 | | |
| 180 | 228 | 863.0 | 0.380 | 1.438 | 450 | 31.0 | 3" | 76 | - | - | 600 | | |
| 210 | 301 | 1140.0 | 0.502 | 1.900 | 500 | 34.5 | 4" | 102 | - | - | 600 | | |
| 220 | 313 | 1185.5 | 0.522 | 1.976 | 300 | 20.7 | 4" | 102 | - | - | 600 | | |
| 320 | 452 | 1712.3 | 0.754 | 2.854 | 300 | 20.7 | 6" | 152 | - | - | 600 | | |

| | Nominal Capacity | | Displacement | | Maximum Differential Pressure | | Rectangular Inlet (A x L) | | Download | | Maximum Speed RPM | Temperature Range | |
|-----|------------------|--------|--------------|---------|-------------------------------|------|---------------------------|-------------|----------|---------|----------------------|-------------------|-------------------|
| | GPM | LPM | Gal / Rev | L / Rev | PSI | Bar | in. | mm | in. | mm | | °F | °C |
| 34 | 24.0 | 90.8 | 0.060 | 0.227 | 250 | 17.2 | 1.81 x 6.84 | 44 x 174 | 2" | 51 | 400 | -40° a 300° | -40° a 149° |
| 64 | 61.2 | 231.6 | 0.153 | 0.579 | 300 | 20.7 | 2.44 x 9.0 | 62 x 229 | 2½" (3") | 64 (76) | 400 | | |
| 134 | 101.6 | 384.6 | 0.254 | 0.961 | 200 | 13.8 | 3.19 x 9.38 | 81 x 238 | 3" | 76 | 400 | | |
| 224 | 208 | 788.8 | 0.521 | 1.972 | 300 | 20.7 | 4.06 x 11.25 | 103 x 286 | 4" | 102 | 400 | | |
| 324 | 401 | 1517.7 | 0.752 | 2.847 | 300 | 20.7 | 4.25 x 12.7 | 108 x 322.5 | 6" | 152.4 | 400 | | |



QP1 DIMENSIONS

| Model QP1 | | A | B | C | D | E | F | G | H | J | K |
|-----------|----|-------|------|-------|-------|-------|------|------|-----------|------|-------|
| 6 | IN | 4.75 | 1.95 | 3.75 | 12.04 | 5.50 | 1.94 | 2.31 | .41, SLOT | 2.93 | 9.61 |
| | MM | .21 | 50 | 95 | 306 | 140 | 49 | 59 | 10, SLOT | 74 | 244 |
| 15 | IN | 4.75 | 1.95 | 3.75 | 12.04 | 5.50 | 1.94 | 2.31 | .41, SLOT | 2.93 | 9.61 |
| | MM | 121 | 50 | 95 | 306 | 140 | 49 | 59 | 10, SLOT | 74 | 244 |
| 18 | IN | 4.75 | 2.18 | 3.75 | 12.46 | 5.50 | 1.94 | 2.31 | .41, SLOT | 2.93 | 9.84 |
| | MM | 121 | 55 | 95 | 316 | 140 | 49 | 59 | 10, SLOT | 74 | 250 |
| 30 | IN | 6.25 | 2.78 | 4.25 | 14.58 | 6.86 | 2.31 | 2.56 | .41, SLOT | 3.56 | 11.61 |
| | MM | 159 | 71 | 108 | 370 | 174 | 59 | 65 | 10, SLOT | 90 | 295 |
| 40 | IN | 6.25 | 2.94 | 4.25 | 14.96 | 6.86 | 2.31 | 2.56 | .41, SLOT | 3.56 | 11.99 |
| | MM | 159 | 75 | 108 | 380 | 174 | 59 | 65 | 10, SLOT | 90 | 305 |
| 60 | IN | 8.25 | 4.14 | 5.87 | 18.91 | 9.56 | 3.50 | 4.12 | 0.53 | 5.06 | 15.14 |
| | MM | 210 | 105 | 149 | 480 | 243 | 89 | 105 | 13 | 129 | 385 |
| 130 | IN | 8.25 | 4.78 | 5.87 | 19.85 | 9.56 | 3.50 | 4.12 | 0.53 | 5.06 | 15.77 |
| | MM | 210 | 121 | 149 | 504 | 243 | 89 | 105 | 13 | 129 | 401 |
| 220 | IN | 8.50 | 3.69 | 9.00 | 23.37 | 12.38 | 3.75 | 7.25 | .53, SLOT | 6.38 | 18.49 |
| | MM | 216 | 94 | 229 | 594 | 314 | 95 | 184 | 13 SLOT | 162 | 470 |
| 320 | IN | 12.00 | 4.12 | 11.63 | 30.17 | 13.88 | 5.25 | 8.00 | .66, SLOT | 6.88 | 21.92 |
| | MM | 305 | 105 | 295 | 766 | 353 | 133 | 203 | 17 SLOT | 175 | 557 |
| 323 | IN | 12.00 | 4.12 | 11.63 | 30.17 | 13.88 | 5.25 | 8.00 | .66, SLOT | 6.88 | 21.92 |
| | MM | 305 | 105 | 295 | 766 | 353 | 133 | 203 | 17 SLOT | 175 | 557 |

QP2 DIMENSIONS

| Model QP2 | | A | B | C | D | E | F | G | H | J | K |
|-----------|----|-------|------|-------|-------|-------|------|------|-----------|------|-------|
| 6 | IN | 4.75 | 1.95 | 3.75 | 11.80 | 5.50 | 1.94 | 2.31 | .41, SLOT | 2.93 | 9.61 |
| | MM | 1.21 | 50 | 95 | 300 | 140 | 49 | 59 | 10, SLOT | 74 | 244 |
| 15 | IN | 4.75 | 1.95 | 3.75 | 11.80 | 5.50 | 1.94 | 2.31 | .41, SLOT | 2.93 | 9.61 |
| | MM | 121 | 50 | 95 | 300 | 140 | 49 | 59 | 10, SLOT | 74 | 244 |
| 18 | IN | 4.75 | 2.18 | 3.75 | 12.49 | 5.50 | 1.94 | 2.31 | .41, SLOT | 2.93 | 9.84 |
| | MM | 121 | 55 | 95 | 317 | 140 | 49 | 59 | 10, SLOT | 74 | 250 |
| 30 | IN | 6.25 | 2.78 | 4.25 | 14.58 | 6.86 | 2.31 | 2.56 | .41, SLOT | 3.56 | 11.61 |
| | MM | 159 | 71 | 108 | 370 | 174 | 59 | 65 | 10, SLOT | 90 | 295 |
| 40 | IN | 6.25 | 2.94 | 4.25 | 14.87 | 6.86 | 2.31 | 2.56 | .41, SLOT | 3.56 | 11.99 |
| | MM | 159 | 75 | 108 | 380 | 174 | 59 | 65 | 10, SLOT | 90 | 305 |
| 45 | IN | 8.25 | 3.86 | 5.87 | 18.56 | 9.56 | 3.50 | 4.12 | 0.53 | 5.06 | 14.86 |
| | MM | 210 | 98 | 149 | 471 | 243 | 89 | 105 | 13 | 129 | 377 |
| 60 | IN | 8.25 | 4.14 | 5.87 | 19.32 | 9.56 | 3.50 | 4.12 | 0.53 | 5.06 | 15.14 |
| | MM | 210 | 105 | 149 | 491 | 243 | 89 | 105 | 13 | 129 | 385 |
| 130 | IN | 8.25 | 4.78 | 5.87 | 20.33 | 9.56 | 3.50 | 4.12 | 0.53 | 5.06 | 15.77 |
| | MM | 210 | 121 | 149 | 516 | 243 | 89 | 105 | 13 | 129 | 401 |
| 180 | IN | 8.50 | 3.45 | 9.00 | 23.53 | 12.38 | 3.75 | 7.25 | .53, SLOT | 6.38 | 18.25 |
| | MM | 216 | 88 | 229 | 598 | 314 | 95 | 184 | 13 SLOT | 162 | 464 |
| 220 | IN | 8.50 | 3.69 | 9.00 | 24.27 | 12.38 | 3.75 | 7.25 | .53, SLOT | 6.38 | 18.49 |
| | MM | 216 | 94 | 229 | 616 | 314 | 95 | 184 | 13 SLOT | 162 | 470 |
| 210 | IN | 12.00 | 3.45 | 11.63 | 27.08 | 13.88 | 5.25 | 8.00 | .66, SLOT | 6.88 | 21.24 |
| | MM | 305 | 88 | 295 | 688 | 353 | 133 | 203 | 17 SLOT | 175 | 539 |
| 320 | IN | 12.00 | 3.84 | 11.63 | 27.66 | 13.88 | 5.25 | 8.00 | .66, SLOT | 6.88 | 21.92 |
| | MM | 305 | 98 | 295 | 703 | 353 | 133 | 203 | 17 SLOT | 175 | 557 |

QP1 DIMENSIONS

| L | M | N | Port Size | P | Q | Key | R | S | OAH | Weight | |
|------|------|-------|-------------|------|-------|--------|------|-------|-------|--------|-----|
| 2.12 | 2.00 | 4.21 | 1" | 2.79 | 0.875 | 0.1875 | 3.49 | 6.97 | 8.30 | LB | 60 |
| 54 | 51 | 107 | 25 | 71 | 22.2 | 4.76 | 89 | 177 | 211 | KG | 27 |
| 2.12 | 2.00 | 4.21 | 1½" | 2.79 | 0.875 | 0.1875 | 3.49 | 6.97 | 8.30 | LB | 60 |
| 54 | 51 | 107 | 38 | 71 | 22.2 | 4.76 | 89 | 177 | 211 | KG | 27 |
| 2.12 | 2.00 | 4.21 | 1½" | 3.02 | 0.875 | 0.1875 | 3.55 | 7.09 | 8.30 | LB | 64 |
| 54 | 51 | 107 | 38 | 77 | 22.2 | 4.76 | 90 | 180 | 211 | KG | 29 |
| 2.62 | 2.32 | 5.21 | 1½" | 3.84 | 1.25 | 0.250 | 4.25 | 8.50 | 10.29 | LB | 130 |
| 67 | 59 | 132 | 38 | 98 | 31.8 | 6.35 | 108 | 216 | 261 | KG | 59 |
| 2.62 | 2.32 | 5.21 | 2" | 4.00 | 1.25 | 0.250 | 4.31 | 8.62 | 10.29 | LB | 140 |
| 67 | 59 | 132 | 51 | 102 | 31.8 | 6.35 | 109 | 219 | 261 | KG | 64 |
| 3.50 | 2.25 | 7.31 | 2½" | 5.01 | 1.625 | 0.375 | 5.37 | 10.75 | 15.31 | LB | 285 |
| 89 | 57 | 186 | 64 | 127 | 41.3 | 9.53 | 136 | 273 | 389 | KG | 129 |
| 3.50 | 2.25 | 7.31 | 3" | 5.65 | 1.625 | 0.375 | 5.37 | 10.75 | 15.31 | LB | 305 |
| 89 | 57 | 186 | 76 | 144 | 41.3 | 9.53 | 136 | 273 | 389 | KG | 138 |
| 4.50 | 2.75 | 9.38 | 4" | 4.44 | 2.00 | 0.500 | 6.63 | 13.25 | 19.13 | LB | 565 |
| 114 | 70 | 238 | 102 | 113 | 50.8 | 12.70 | 168 | 337 | 486 | KG | 256 |
| 5.06 | 4.06 | 10.38 | 6" 150# FLG | 5.37 | 2.375 | 0.625 | 8.00 | 16.00 | 22.38 | LB | 900 |
| 129 | 103 | 264 | | 136 | 60.3 | 15.88 | 203 | 406 | 568 | KG | 408 |
| 5.06 | 4.06 | 10.38 | 6" 150# FLG | 5.37 | 2.375 | 0.625 | 8.00 | 16.00 | 22.38 | LB | 900 |
| 129 | 103 | 264 | | 163 | 60.3 | 15.88 | 203 | 406 | 568 | KG | 408 |

QP2 DIMENSIONS

| L | M | N | Port Size | P | Q | Key | R | S | OAH | Weight | |
|------|------|-------|-------------|------|-------|--------|------|-------|-------|--------|-----|
| 2.12 | 2.00 | 4.21 | 1" | 2.79 | 0.875 | 0.1875 | 3.49 | 6.97 | 8.30 | LB | 56 |
| 54 | 51 | 107 | 25 | 71 | 22.2 | 4.76 | 89 | 177 | 211 | KG | 25 |
| 2.12 | 2.00 | 4.21 | 1½" | 2.79 | 0.875 | 0.1875 | 3.49 | 6.97 | 8.30 | LB | 60 |
| 54 | 51 | 107 | 38 | 71 | 22.2 | 4.76 | 89 | 177 | 211 | KG | 27 |
| 2.12 | 2.00 | 4.21 | 1½" | 3.02 | 0.875 | 0.1875 | 3.49 | 6.97 | 8.30 | LB | 65 |
| 54 | 51 | 107 | 38 | 77 | 22.2 | 4.76 | 89 | 177 | 211 | KG | 30 |
| 2.62 | 2.32 | 5.21 | 1½" | 3.84 | 1.25 | 0.250 | 4.25 | 8.50 | 10.29 | LB | 130 |
| 67 | 59 | 132 | 38 | 98 | 31.8 | 6.35 | 108 | 216 | 261 | KG | 59 |
| 2.62 | 2.32 | 5.21 | 2" | 4.00 | 1.25 | 0.250 | 4.31 | 8.62 | 10.29 | LB | 140 |
| 67 | 59 | 132 | 51 | 102 | 31.8 | 6.35 | 109 | 219 | 261 | KG | 64 |
| 3.50 | 2.25 | 7.31 | 2" | 4.73 | 1.625 | 0.375 | 5.37 | 10.75 | 15.31 | LB | 265 |
| 89 | 57 | 186 | 51 | 120 | 41.3 | 9.53 | 136 | 273 | 389 | KG | 120 |
| 3.50 | 2.25 | 7.31 | 2½" | 5.01 | 1.625 | 0.375 | 5.37 | 10.75 | 15.31 | LB | 285 |
| 89 | 57 | 186 | 64 | 127 | 41.3 | 9.53 | 136 | 273 | 389 | KG | 129 |
| 3.50 | 2.25 | 7.31 | 3" | 5.65 | 1.625 | 0.375 | 5.37 | 10.75 | 15.31 | LB | 305 |
| 89 | 57 | 186 | 76 | 144 | 41.3 | 9.53 | 136 | 273 | 389 | KG | 138 |
| 4.50 | 2.75 | 9.38 | 3" | 4.20 | 2.00 | 0.500 | 6.53 | 13.06 | 19.13 | LB | 520 |
| 114 | 70 | 238 | 76 | 107 | 50.8 | 12.70 | 166 | 332 | 486 | KG | 236 |
| 4.50 | 2.75 | 9.38 | 4" | 4.44 | 2.00 | 0.500 | 6.63 | 13.25 | 19.13 | LB | 590 |
| 114 | 70 | 238 | 102 | 113 | 50.8 | 12.70 | 168 | 337 | 486 | KG | 268 |
| 5.06 | 4.06 | 10.38 | 4" | 4.70 | 2.38 | 0.625 | 7.38 | 14.75 | 22.38 | LB | 802 |
| 129 | 103 | 264 | 102 | 119 | 60.5 | 15.88 | 187 | 375 | 568 | KG | 364 |
| 5.06 | 4.06 | 10.38 | 6" 150# FLG | 5.09 | 2.38 | 0.625 | 8.00 | 16.00 | 22.38 | LB | 850 |
| 129 | 103 | 264 | | 129 | 60.5 | 15.88 | 203 | 406 | 568 | KG | 386 |



QP SERIES

INTERCHANGEABLE CIRCUMFERENTIAL PISTON PUMPS

RENOVATION PROGRAM

The Remanufacturing Program provides a remanufactured pump with completely new shafts, bearings, seals, helical style gears and Alloy 88 rotors , allowing customers to purchase a new pump with a significant saving.

PREMIUM ECONOMY

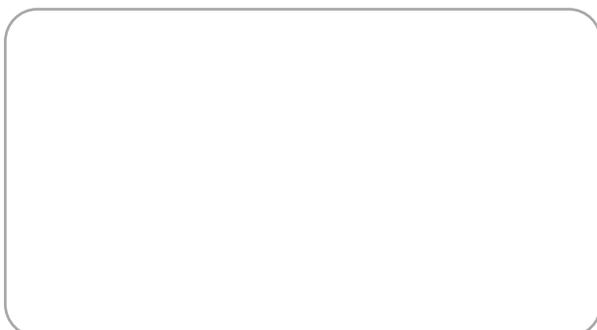
The Premium Economy or PE program is designed for customers who need immediate delivery or who demand lower costs for a premium quality pump.

This program allows you to enjoy the benefits of the QP Series pumps, at an excellent price.

MODELS

| Cross Reference | |
|-----------------|--------------------------|
| Q-Pumps | Other Brands |
| QP1 | Universal1 / TRA10 / ZP1 |
| QP2 | Universal1 / TRA10 / ZP1 |

Distributed by:



For more information visit: en.q-pumps.com
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