

Introduction

Series CL(R) slurry pumps are cantilevered, horizontal, centrifugal and of double casings, which have a high rate of revolution and small volume. The frame plates could be changeable and the wear parts are made in high Chrome and natural rubber due to the different situation. The discharge side can be oriented to any of the eight different positions for installation and application upon request.

Applications

They are suitable for delivering less abrasive, low dense slurry in the metallurgy, mining, coal and building material industry. The shaft seal is adopted for packing seal, centrifugal seal and mechanical seal

Model Explanation and Performance Chart

400ST-CL

400: Discharge size (mm)

ST: Frame type with maximum power

C: CSPG

L: Low duty

| Pump Model | Max. Power | Clear Water Performance | | | | | | Impeller |
|------------|------------|-------------------------|----------|-----------|-----------|----------|----------|----------|
| | | Capacity Q | | Head | Speed | Max.Eff. | NPSH | |
| | | m ³ /h | l/s | H(m) | n(r/min) | η% | (m) | |
| 50B-CL | 15 | 11.5-65 | 3.2-18 | 8.5-46 | 1400-2800 | 62 | 2.5-5.5 | 190 |
| 50B-CLR | 15 | 9-61 | 2.5-17 | 3-32.4 | 1200-2600 | 48 | 2.75-4.5 | 190 |
| 75C-CL | 30 | 21.6-136.8 | 6-38 | 7-46.4 | 900-2400 | 57 | 3-6 | 229 |
| 75C-CLR | 30 | 28.8-154.8 | 8-43 | 9-43 | 1100-2300 | 60 | 3-5 | 229 |
| 100D-CL | 60 | 46.8-324 | 13-90 | 7-48.30 | 800-1800 | 64 | 2.5-6 | 305 |
| 100D-CLR | 60 | 54-288 | 15-80 | 12-38 | 800-1600 | 65 | 2.5-5.5 | 305 |
| 150E-CL | 120 | 126-568.80 | 35-158 | 10.5-51.8 | 800-1500 | 60 | 2.5-6 | 381 |
| 150E-CLR | 120 | 72-576 | 20-160 | 4-38 | 800-1300 | 65 | 2.5-5.5 | 381 |
| 300S-CL | 560 | 568-2538 | 130-705 | 8-60 | 400-950 | 79 | 2-10 | 653 |
| 300S-CLR | 560 | 432-1900 | 120-528 | 7-41 | 400-800 | 81 | 3-8 | 653 |
| 350S-CL | 560 | 650-2800 | 180-780 | 10-59 | 400-840 | 81 | 3-10 | 736 |
| 350S-CLR | 560 | 720-2844 | 200-790 | 10-41 | 400-700 | 86 | 3-7 | 736 |
| 400ST-CL | 560 | 756-3312 | 210-920 | 7-37.5 | 300-600 | 85 | 2-8 | 825 |
| 400ST-CLR | 560 | 720-3312 | 200-920 | 7-51 | 300-700 | 80 | 2-10 | 825 |
| 450ST-CL | 560 | 1080-4356 | 300-1210 | 9-40 | 300-550 | 87 | 3-10 | 933 |
| 450ST-CLR | 560 | 1008-4356 | 280-1210 | 9-48 | 300-600 | 80 | 2-9 | 933 |
| 550TU-CL | 1200 | 1980-7920 | 560-2200 | 10-50 | 250-475 | 86 | 4-10 | 1213 |