

SCREW PUMP

G35-1 Single Screw Pump

G35-1 Single Screw Pump Transportational medium Liquid with different viscosity, especially the thickmediumwhich&nbsp;is difficult to transfer. Liquid with different concentration and drymaterial which ...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

|             |                                                                             |
|-------------|-----------------------------------------------------------------------------|
| Category    | Screw Pump                                                                  |
| Standard    | EN                                                                          |
| Material    | Liquid with different concentration and drymaterial which is separated a... |
| Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS                                  |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

|             |                                            |             |                                                                                        |
|-------------|--------------------------------------------|-------------|----------------------------------------------------------------------------------------|
| Category    | Screw Pump                                 | Model / SKU | G35-1-Single-Screw-Pump                                                                |
| Standard    | EN                                         | Material    | Liquid with different concentration and drymaterial which is separated and dehydrated. |
| Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS | Warranty    | 12 Months unless specified otherwise                                                   |
| Origin      | China                                      |             |                                                                                        |

CONTENTS

■ G35-1 Single Screw Pump

■ Techincal data:

G35-1 Single Screw Pump

Transportational medium

Liquid with different viscosity, especially the thickmediumwhich is difficult to transfer.

Liquid with different concentration and drymaterial which is separated and dehydrated.

Liquid which contains solid particle, fibre and suspended matter.

Mixture of liquid, gas and solid.

+Sensibility liquid which could not be mixed, cut and rob.

Corrosive liquid.

## Technical data:

| Model | Pressure in the delivery branch 0.3MPa |                  |                         |                        | Pressure in the delivery branch 0.6MPa |                  |                         |                         |
|-------|----------------------------------------|------------------|-------------------------|------------------------|----------------------------------------|------------------|-------------------------|-------------------------|
|       | /min<br>Speed                          | m³/h<br>Capacity | kW<br>Absorbed<br>power | Motor<br>Gear reducing | (r/min)<br>Speed                       | m³/h<br>Capacity | kw<br>Absorbed<br>power | ·Motor<br>Gear reducing |
| G20-1 | 970                                    | 1.28             | 0.58                    | Y100L-6(1.5kW)         | 970                                    | 1.06             | 0.73                    | Y100L-6(1.5kW)          |
|       | 720                                    | 0.81             | 0.45                    | Y132S-8(2.2kW)         | 720                                    | 0.58             | 0.56                    | Y132S-8(2.2kW)          |
|       | 579                                    | 0.50             | 0.33                    | YCJ71(1.1kW)           | 579                                    | 0.27             | 0.41                    | YCJ71(1.1kW)            |
|       | 513                                    | 0.41             | 0.29                    |                        | 513                                    | 0.22             | 0.36                    |                         |
|       | 452                                    | 0.33             | 0.26                    |                        | 452                                    | 0.15             | 0.32                    |                         |
|       | 393                                    | 0.22             | 0.23                    |                        | 393                                    | 0.10             | 0.28                    |                         |
| G25-1 | 720                                    | 2.45             | 0.47                    | Y132S-8(2.2kW)         | 720                                    | 2.2              | 0.69                    | Y132S-8(2.2kW)          |
|       | 570                                    | 1.89             | 0.39                    | YCJ71(0.75kW)          | 579                                    | 1.6              | 0.54                    | YCJ71(1.1kW)            |
|       | 506                                    | 1.63             | 0.35                    |                        | 513                                    | 1.4              | 0.50                    |                         |
|       | 445                                    | 1.45             | 0.31                    |                        | 452                                    | 1.14             | 0.45                    |                         |
|       | 388                                    | 1.18             | 0.28                    |                        | 393                                    | 0.9              | 0.39                    |                         |
|       | 334                                    | 1.0              | 0.25                    |                        | 339                                    | 0.7              | 0.34                    |                         |
|       | 284                                    | 0.76             | 0.22                    |                        | 288                                    | 0.53             | 0.31                    |                         |
|       |                                        |                  |                         |                        |                                        |                  |                         |                         |
| G35-1 | 579                                    | 3.9              | 0.70                    | YCJ71(1.1kW)           | 579                                    | 3.25             | 1.06                    | YCJ71(1.5kW)            |
|       | 513                                    | 3.4              | 0.61                    |                        | 513                                    | 2.8              | 0.95                    |                         |
|       | 452                                    | 3.0              | 0.54                    |                        | 452                                    | 2.3              | 0.83                    |                         |
|       | 393                                    | 2.5              | 0.46                    |                        | 393                                    | 1.9              | 0.73                    |                         |
|       | 339                                    | 2.0              | 0.42                    |                        | 339                                    | 1.5              | 0.63                    |                         |
|       | 288                                    | 1.6              | 0.36                    |                        | 288                                    | 1.15             | 0.54                    |                         |
|       | 217                                    | 1.1              | 0.29                    |                        |                                        |                  |                         |                         |
|       |                                        |                  |                         |                        |                                        |                  |                         |                         |

|       |     |      |      |               |     |      |      |              |
|-------|-----|------|------|---------------|-----|------|------|--------------|
| G40-1 | 579 | 7.9  | 1.06 | YCJ71(1.5kW)  | 587 | 6.8  | 1.8  | YCJ71(2.2kW) |
|       | 513 | 6.9  | 0.93 |               | 520 | 5.7  | 1.61 |              |
|       | 452 | 5.9  | 0.82 |               | 458 | 4.8  | 1.43 |              |
|       | 393 | 5.1  | 0.74 |               | 399 | 4    | 1.21 |              |
|       | 339 | 4.2  | 0.63 |               | 344 | 3    | 1.05 |              |
|       | 288 | 3.3  | 0.53 |               | 292 | 2.2  | 0.9  |              |
|       | 240 | 2.65 | 0.47 |               | 244 | 1.6  | 0.75 |              |
|       | 186 | 1.7  | 0.36 | YCJ132(1.1kW) |     |      |      |              |
| G50-1 | 587 | 15.7 | 2.42 | YCJ71(3kW)    | 571 | 13.4 | 3.61 | YCJ80(4kW)   |
|       | 520 | 13.8 | 1.95 |               | 504 | 11.5 | 3.2  |              |
|       | 458 | 12.1 | 1.64 |               | 442 | 9.5  | 2.75 |              |
|       | 399 | 10.2 | 1.45 |               | 383 | 7.5  | 2.4  |              |
|       | 344 | 8.8  | 1.16 |               | 327 | 6    | 2.02 |              |
|       | 292 | 7.1  | 0.96 |               | 275 | 4.4  | 1.71 |              |
|       | 244 | 5.6  | 0.85 | YCJ71(2.2kW)  | 223 | 2.8  | 1.46 | YCJ80(3kW)   |
|       | 171 | 3.5  | 0.60 | YCJ132(2.2kW) |     |      |      |              |

| Model | Pressure in the delivery branch 0.3MPa |                  |                         |                         | Pressure in the delivery branch 0.6MPa |                  |                         |                         |
|-------|----------------------------------------|------------------|-------------------------|-------------------------|----------------------------------------|------------------|-------------------------|-------------------------|
|       | /min<br>Speed                          | m³/h<br>Capacity | kW<br>Absorbed<br>power | ·Motor<br>Gear reducing | (r/min)<br>Rotatings speed             | m³/h<br>Capacity | kW<br>Absorbed<br>power | ·Motor<br>Gear reducing |
| G60-1 | 575                                    | 23               | 3.48                    | YCJ80(5.5kW)            | 541                                    | 18.8             | 5.05                    | YCJ100(7.5kW)           |
|       | 507                                    | 20.3             | 2.96                    |                         | 475                                    | 16.5             | 4.58                    |                         |
|       | 444                                    | 17.8             | 2.47                    |                         | 414                                    | 14.4             | 4.14                    |                         |
|       | 385                                    | 15.4             | 2.1                     |                         | 357                                    | 12.4             | 3.69                    |                         |
|       | 329                                    | 13.1             | 1.76                    | YCJ100(4kW)             | 303                                    | 10.5             | 3.56                    |                         |
|       | 250                                    | 10               | 1.52                    |                         | 252                                    | 8.7              | 3.15                    |                         |

|        |     |      |      |                |     |      |      |                |
|--------|-----|------|------|----------------|-----|------|------|----------------|
| G70-1  | 571 | 31   | 4.3  | YCJ80(5.5kW)   | 545 | 25   | 7.04 | YCJ100(11kW)   |
|        | 504 | 27   | 3.43 |                | 479 | 21   | 6.11 |                |
|        | 442 | 24   | 2.99 |                | 417 | 17.9 | 5.47 |                |
|        | 383 | 20   | 2.53 |                | 360 | 13.5 | 4.7  |                |
|        | 327 | 16.5 | 2.22 |                | 305 | 9.5  | 3.99 |                |
|        | 244 | 12   | 1.63 | YCJ100(4kW)    | 250 | 7.0  | 2.88 | YC100(7.5kW)   |
|        | 208 | 8.8  | 1.5  | YCJ160(4kW)    | 194 | 3.8  | 2.47 | YCJ180(7.5kW)  |
|        | 149 | 5.2  | 0.95 |                |     |      |      |                |
| G85-1  | 359 | 36   | 6    | YCJ100(11KW)   | 359 | 28   | 9.1  | YCJ112(15KW)   |
|        | 279 | 27   | 5.4  | YCJ112(11KW)   | 272 | 19   | 7.7  | YCJ200(15KW)   |
|        | 254 | 23   | 5    |                | 252 | 16   | 7.3  |                |
|        | 228 | 21   | 5.2  | YCJ112(7.5KW)  | 212 | 13   | 6.6  | YCJ200(11KW)   |
|        | 181 | 15.5 | 4.3  | YCJ160(5.5KW)  | 188 | 9    | 5.8  |                |
|        | 166 | 14   | 4.5  |                | 166 | 8    | 5    | YCJ180(7.5KW)  |
| G105-1 | 359 | 68   | 10.4 | YCJ112(15KW)   | 310 | 55   | 13   | YCJ225(18.5KW) |
|        | 272 | 51   | 7.7  | YCJ200(15KW)   | 272 | 42   | 10.5 | YCJ200(15KW)   |
|        | 254 | 45   | 7.2  | YCJ112(11KW)   | 252 | 31   | 9.7  |                |
|        | 212 | 35   | 6    | YCJ200(11KW)   | 212 | 28   | 8.5  |                |
|        | 188 | 29   | 5    |                | 188 | 21   | 6.7  |                |
|        | 166 | 23   | 4.5  | YCJ180(7.5KW)  | 165 | 16.5 | 6.3  | YCJ200(11KW)   |
| G135-1 | 343 | 136  | 21   | YCJ350(45KW)   | 343 | 126  | 36.9 | YCJ350(55KW)   |
|        | 319 | 127  | 19.5 | YCJ315(30KW)   | 284 | 95   | 30   | YCJ350(45KW)   |
|        | 267 | 100  | 16.5 | YCJ225(22KW)   | 256 | 83   | 27   | YCJ315(37KW)   |
|        | 210 | 79   | 13.5 | YCJ225(18.5KW) | 224 | 67   | 24   | YCJ315(30KW)   |
|        | 182 | 66   | 11.8 |                | 177 | 52   | 19   |                |
|        | 165 | 52   | 10.5 | YCJ200(15KW)   | 162 | 41   | 16.5 | YCJ280(22KW)   |