



Diverse Product Range / Technical Support  
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SHIJIAZHUANG HONGSTONE PUMP TECHNOLOGY CO., LTD.



## SP(R) Vertical Sump Slurry Pumps

The SP/SPR pump range is heavy duty cantilever abrasion/corrosion resistant sump pump designed for extended wear life, reliability and durability. The heavy duty cantilever design makes the SP/SPR sump pump an ideal suit for continuous handling of abrasive and corrosive slurries with the pump half submerged in sumps or pits.



### Specifications

Discharge size range: 40mm to 300mm [1.5" to 12"]

Flowrates to: 1000m<sup>3</sup>/hr [4,400GPM]

Heads to: 55m [180ft]

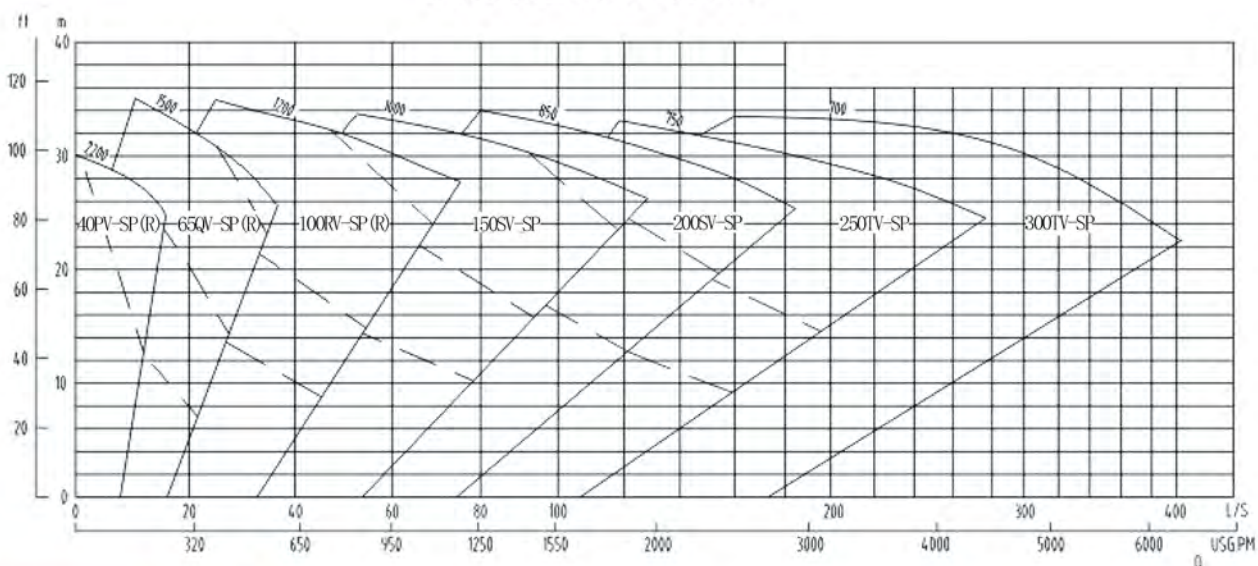
| MODEL       | CAPACITY<br>(m <sup>3</sup> /h) | HEAD<br>(m) | SPEED<br>(r/min) | MAX. EFF.<br>η% | MAX.<br>POWER<br>(KW) | WEIGHT<br>(kg) | MAX PARTICLE<br>SIZE<br>(mm) | DIA. OF PUMP<br>(mm) |       | IMPELLER<br>(mm) |
|-------------|---------------------------------|-------------|------------------|-----------------|-----------------------|----------------|------------------------------|----------------------|-------|------------------|
|             |                                 |             |                  |                 |                       |                |                              | Outlet               | Inlet |                  |
| 40PV-SP     | 19.44-43.2                      | 4.5-28.5    | 1000-2200        | 39              | 15                    | 285            | 12                           | 81                   | 40    | 188              |
| 40PV-SP(R)  | 17.28-39.6                      | 4-26        | 1000-2200        | 41              | 15                    | 200            | 12                           | 81                   | 40    | 188              |
| 65QV-SP     | 23.4-111                        | 5-29.5      | 700-1500         | 51              | 30                    | 432            | 15                           | 104                  | 65    | 280              |
| 65QV-SP(R)  | 22.5-105                        | 5.5-30.5    | 700-1500         | 51              | 30                    | 313            | 15                           | 104                  | 65    | 280              |
| 100RV-SP    | 54-289                          | 5-35        | 500-1200         | 57              | 75                    | 867            | 32                           | 175                  | 100   | 370              |
| 100RV-SP(R) | 64.8-285                        | 7.5-36      | 600-1000         | 62              | 75                    | 627            | 32                           | 175                  | 100   | 370              |
| 150SV-SP    | 115.2-576                       | 8.5-37      | 500-1000         | 55              | 110                   | 1737           | 45                           | 200                  | 150   | 450              |
| 150SV-SP(R) | 115.2-558                       | 8.5-35.5    | 500-1000         | 56              | 110                   | 1180           | 45                           | 200                  | 150   | 450              |
| 200SV-SP    | 189-891                         | 6.5-37      | 400-850          | 64              | 110                   | 2800           | 65                           | 250                  | 200   | 520              |
| 250TV-SP    | 261-1089                        | 7.5-33.5    | 400-750          | 60              | 200                   | 3700           | 65                           | 300                  | 250   | 575              |
| 300TV-SP    | 288-1267                        | 6.5-33      | 350-700          | 62.1            | 200                   | 3940           | 65                           | 350                  | 300   | 580              |

### Vertical Sump Slurry Pumps

SP heavy duty sump pumps are vertical, shaft driven centrifugal slurry pumps designed for transferring abrasive and high density slurries from sumps, pits and other submersible sources.

Models are available in sizes ranging from 40mm to 250mm discharge and are capable of flow rates from 5 to 350 litres per second (79-5540 USGPM) at heads of up to 40 metres (130ft). The heavy duty design of the SP pumps allows the passage of large particles with a diameter of up to 50mm.

Performance Curve



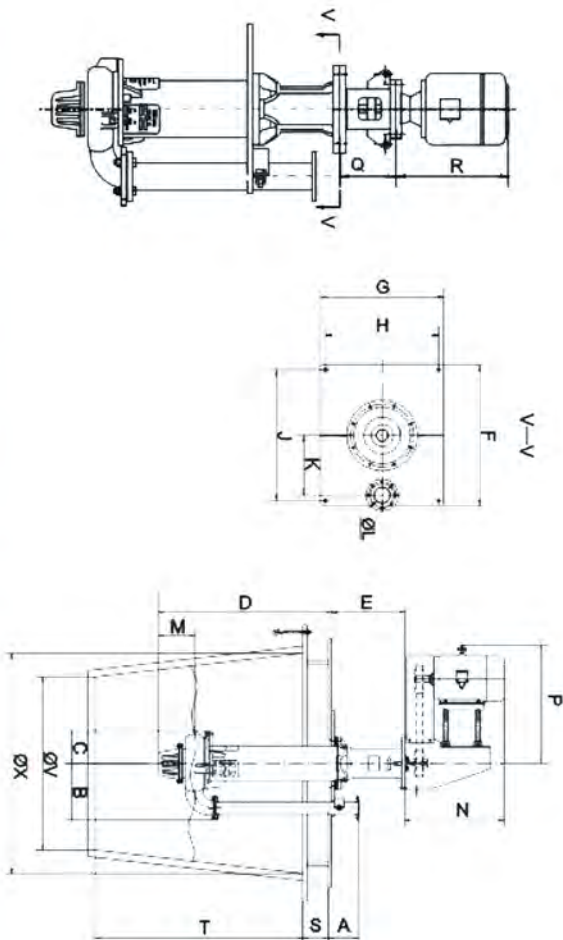
Structure Drawing

METAL TYPE



RUBBER TYPE





| 泵型号          | A   | B   | C   | D               | E    | F    | G    | H    | J    | K   | ØL  | M   | 最大尺寸 |      |     |      | 重量 (Kg) | 渣浆池最小尺寸 |      |      |      | 容积 (m³) |
|--------------|-----|-----|-----|-----------------|------|------|------|------|------|-----|-----|-----|------|------|-----|------|---------|---------|------|------|------|---------|
|              |     |     |     |                 |      |      |      |      |      |     |     |     | N    | P    | Q   | R    |         | S       | T    | ØV   | ØX   |         |
| 40PV-SP      | 137 | 286 | 154 | 900* 1200       | 380  | 500  | 500  | 450  | 450  | 205 | 127 | 174 | 733  | 675  | 248 | 629  | 285     | 280     | 695  | 550  | 1000 | 0.34    |
| 40PV-SP (R)  | 140 | 265 | 175 |                 | 380  |      |      |      |      |     |     |     |      |      |     |      | 250     |         |      |      |      |         |
| 65QV-SP      | 227 | 399 | 231 | 900 1200* 1500  | 492  | 680  | 680  | 620  | 620  | 285 | 178 | 265 | 898  | 794  | 290 | 681  | 432     | 350     | 925  | 800  | 1400 | 0.90    |
| 65QV-SP (R)  | 230 | 380 | 260 |                 | 498  |      |      |      |      |     |     |     |      |      |     |      | 386     |         |      |      |      |         |
| 100RV-SP     | 260 | 515 | 317 | 1200 1500* 1800 | 662  | 1000 | 870  | 800  | 930  | 400 | 229 | 393 | 1141 | 1020 | 416 | 960  | 867     | 350     | 1225 | 1000 | 1750 | 1.86    |
| 100RV-SP (R) | 266 | 535 | 332 |                 | 668  |      |      |      |      |     |     |     |      |      |     |      | 772     |         |      |      |      |         |
| 150SV-SP     | 390 | 640 | 375 | 1500 1800* 2100 | 875  | 1100 | 1100 | 1030 | 1030 | 500 | 280 | 475 | 1311 | 1200 | 476 | 1011 | 1737    | 350     | 1525 | 1250 | 2150 | 3.54    |
| 150SV-SP (R) | 395 | 674 | 400 |                 | 883  |      |      |      |      |     |     |     |      |      |     |      | 1520    |         |      |      |      |         |
| 200SV-SP     | 450 | 772 | 440 | 1500 1800* 2100 | 878  | 1300 | 1200 | 1100 | 1200 | 600 | 343 | 550 | 1313 | 1300 | 476 | 1011 | 3087    | 350     | 1525 | 1500 | 2400 | 4.76    |
| 250TV-SP     | 500 | 903 | 470 | 1800 2100* 2400 | 1000 | 1750 | 1450 | 1350 | 1650 | 700 | 406 | 685 | 1672 | 1750 | 561 | 1246 | 4086    | 400     | 1775 | 1700 | 2700 | 6.68    |

所有尺寸单位为毫米(mm)