

# S ( R ) 、 Sh ( R ) 型 中 开 泵

## 产 品 概 述

S、Sh 型单级双吸离心泵,供输送不含固体颗粒及温度不超过 80℃的清水或物理化学性质类似于水的其它液体之用。适用于工厂、矿山、城市给排水,也可用于电站、大型水利工程、农用排灌等,SR 型泵是用于输送温度不超过 104℃场合。S、Sh 型为卧式结构,也可以根据客户要求做成立式结构。

## 性 能 范 围

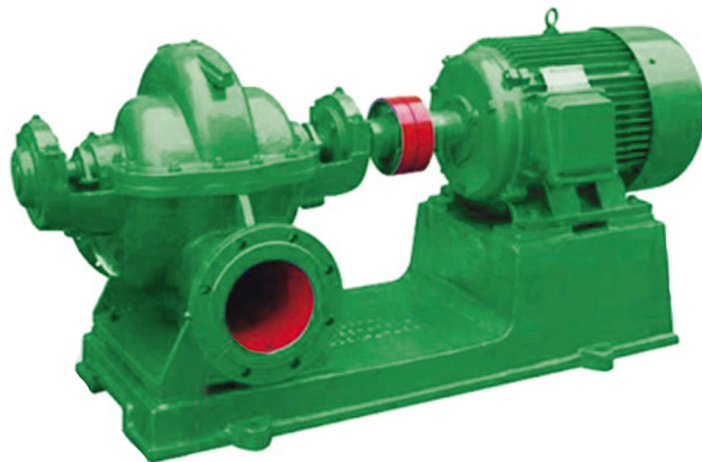
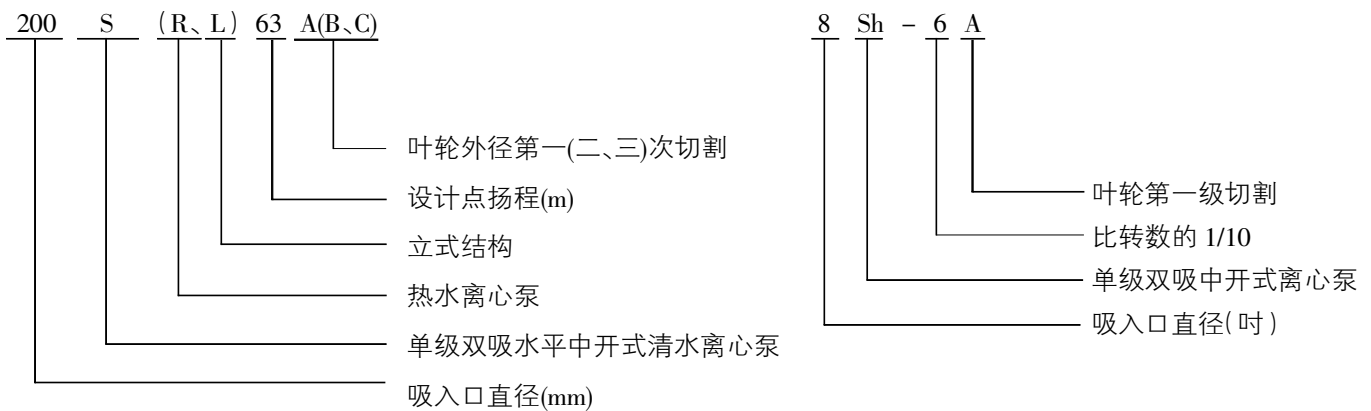
流量: 120-20000m<sup>3</sup>/h

扬程: 12-150m

## 结 构 特 点

S、Sh 型泵主要由泵体、泵盖、轴承、转子等零部件组成。该泵为单级双吸叶轮,泵体为水平中开。泵的吸入管和排出管均在泵轴中心线下方呈水平方向,并与泵体铸在一起,泵体与泵盖的分开面在轴的中心面上,无须拆卸管路及电动机即可检修泵的转动部件。轴向力由双吸叶轮平衡,残余轴向力由滚动轴承平衡。该泵采用填料密封,根据用户要求也可以为您加装机械密封,在轴封处装有可更换的轴套。泵的传动是通过弹性联轴器由电动机驱动。从传动机端看,S 型为顺时针方向旋转,Sh 型为逆时针方向旋转。

## 型 号 意 义



S 型单级双吸离心泵

## S ( R )、Sh ( R ) 型泵性能参数表

| 型号<br>Model               | 流量<br>Capacity    |                        | 扬程<br>Head (m)       | 效率<br>Eff (%)      | 转速<br>Speed (r/min) | 电机功率<br>Power (kW) | 必需汽蚀余量<br>(NPSH)r (m) | 型号<br>Model               | 流量<br>Capacity      |                           | 扬程<br>Head (m)       | 效率<br>Eff (%)    | 转速<br>Speed (r/min) | 电机功率<br>Power (kW) | 必需汽蚀余量<br>(NPSH)r (m) |
|---------------------------|-------------------|------------------------|----------------------|--------------------|---------------------|--------------------|-----------------------|---------------------------|---------------------|---------------------------|----------------------|------------------|---------------------|--------------------|-----------------------|
|                           | (m³/h)            | (L/s)                  |                      |                    |                     |                    |                       |                           | (m³/h)              | (L/s)                     |                      |                  |                     |                    |                       |
| 150S(R)78<br>6Sh(R)-6     | 126<br>160<br>198 | 35<br>44.4<br>55       | 84<br>78<br>70       | 72<br>75<br>74     | 2950                | 55                 | 5.9                   | 250S(R)150<br>10Sh(R)-7   | 360<br>500<br>600   | 100<br>138.89<br>166.67   | 163<br>150<br>138    | 69<br>78<br>73   | 2950                | 315                | 5.0<br>5.7<br>7.0     |
| 150S(R)78A<br>6Sh(R)-6A   | 112<br>144<br>180 | 31<br>40<br>50         | 67<br>62<br>55       | 68<br>72<br>70     | 2950                | 45                 | 5.9                   | 250S(R)150A<br>10Sh(R)-7A | 350<br>485<br>570   | 97.22<br>134.72<br>158.33 | 145<br>135<br>124    | 67<br>76<br>71   | 2950                | 280                | 5.0<br>5.7<br>7.0     |
| 150S(R)50<br>6Sh(R)-9     | 130<br>160<br>220 | 36.1<br>44.4<br>61.1   | 52<br>50<br>40       | 72.9<br>80<br>77.2 | 2950                | 37                 | 3.9                   | 250S(R)150B<br>10Sh(R)-7B | 335<br>460<br>540   | 93.06<br>127.78<br>150    | 130<br>121<br>112    | 66<br>74<br>70   | 2950                | 250                | 5.0<br>5.7<br>7.0     |
| 150S(R)50A<br>6Sh(R)-9A   | 112<br>144<br>180 | 31.1<br>40<br>50       | 44<br>40<br>35       | 72.5<br>75<br>70   | 2950                | 30                 | 3.9                   | 300S(R)90<br>12Sh(R)-6    | 590<br>790<br>936   | 164<br>219<br>260         | 93<br>90<br>82       | 74<br>80<br>75   | 1480                | 315                | 5.8                   |
| 150S(R)50B<br>6Sh(R)-9B   | 108<br>133<br>160 | 30<br>36.9<br>44.4     | 38<br>36<br>32       | 65<br>70<br>72     | 2950                | 22                 | 3.9                   | 300S(R)90A<br>12Sh(R)-6A  | 576<br>756<br>918   | 160<br>210<br>255         | 86<br>78<br>70       | 71<br>74<br>71   | 1480                | 280                | 5.8                   |
| 200S(R)95<br>8Sh(R)-6     | 183<br>280<br>324 | 50.8<br>77.78<br>90    | 103<br>95<br>87      | 62<br>79.2<br>76.8 | 2950                | 110                | 5.3                   | 300S(R)90B<br>12Sh(R)-6B  | 540<br>720<br>900   | 150<br>200<br>250         | 72<br>67<br>57       | 70<br>73<br>70   | 1480                | 220                | 5.8                   |
| 200S(R)95A<br>8Sh(R)-6A   | 198<br>270<br>310 | 55<br>75<br>86         | 82<br>75<br>68       | 68<br>75<br>74     | 2950                | 90                 | 5.3                   | 300S(R)58<br>12Sh(R)-9    | 576<br>790<br>972   | 160<br>219<br>270         | 65<br>58<br>50       | 75<br>84<br>80   | 1480                | 200                | 5.8                   |
| 200S(R)63<br>8Sh(R)-9     | 216<br>280<br>351 | 60<br>77.78<br>97.5    | 69<br>63<br>50       | 73.7<br>81<br>70.5 | 2950                | 75                 | 5.4                   | 300S(R)58A<br>12Sh(R)-9A  | 529<br>720<br>893   | 147<br>200<br>248         | 55<br>49<br>42       | 80<br>81<br>78   | 1480                | 160                | 5.8                   |
| 200S(R)63A<br>8Sh(R)-9A   | 180<br>270<br>324 | 50<br>75<br>90         | 54.5<br>46<br>37.5   | 65<br>70<br>65     | 2950                | 55                 | 5.4                   | 300S(R)58B<br>12Sh(R)-9B  | 504<br>684<br>835   | 140<br>190<br>232         | 47.2<br>43<br>37     | 73<br>80<br>78   | 1480                | 132                | 5.8                   |
| 200S(R)42<br>8Sh(R)-13    | 216<br>280<br>342 | 60<br>77.78<br>95      | 48<br>42<br>35       | 81<br>85<br>81     | 2950                | 45                 | 5.4                   | 300S(R)32<br>12Sh(R)-13   | 612<br>790<br>900   | 170<br>219<br>250         | 38<br>32<br>28       | 83<br>87<br>80   | 1480                | 90                 | 5.8                   |
| 200S(R)42A<br>8Sh(R)-13A  | 198<br>270<br>310 | 55<br>75<br>86         | 43<br>36<br>31       | 76<br>80<br>76     | 2950                | 37                 | 5.4                   | 300S(R)32A<br>12Sh(R)-13A | 537<br>702<br>790   | 149.2<br>195<br>219.4     | 29.5<br>24.7<br>22.8 | 80<br>84<br>78   | 1480                | 75                 | 5.8                   |
| 200S(R)72<br>8Sh(R)-4     | 102<br>300<br>377 | 28.3<br>83.3<br>104.7  | 84<br>72<br>64       | 50<br>78<br>75     | 1480                | 110                | 5<br>5.1<br>5.5       | 300S(R)19<br>12Sh(R)-19   | 612<br>790<br>935   | 170<br>219<br>260         | 22<br>19<br>14       | 80<br>87<br>75   | 1480                | 55                 | 5.8                   |
| 200S(R)72A<br>8Sh(R)-4A   | 98<br>280<br>340  | 27.2<br>77.8<br>94.4   | 78<br>65<br>56       | 48<br>76<br>73     | 1480                | 90                 | 5<br>5.1<br>5.5       | 300S(R)19A<br>12Sh(R)-19A | 485<br>693<br>798   | 134.7<br>192.5<br>221.7   | 18.5<br>14.8<br>12.1 | 71<br>80<br>75   | 1480                | 45                 | 5.8                   |
| 250S(R)65<br>10Sh(R)-6    | 360<br>485<br>612 | 100<br>134.7<br>170    | 71<br>65<br>56       | 75<br>79<br>72     | 1480                | 132                | 6.7                   | 300S(R)12<br>12Sh(R)-28   | 612<br>790<br>900   | 170<br>219<br>250         | 14.5<br>12<br>10     | 80<br>83<br>74   | 1480                | 37                 | 5.8                   |
| 250S(R)65A<br>10Sh(R)-6A  | 338<br>462<br>535 | 93.8<br>128.3<br>148.6 | 60<br>53<br>49       | 74<br>77<br>75     | 1480                | 110                | 6.7                   | 300S(R)12A<br>12Sh(R)-28A | 515<br>675<br>781   | 143.1<br>187.5<br>216.9   | 11.5<br>9.7<br>8.5   | 73<br>78<br>76   | 1480                | 30                 | 5.8                   |
| 250S(R)39<br>10Sh(R)-9    | 360<br>485<br>612 | 100<br>134.7<br>170    | 42.5<br>39<br>32.5   | 76<br>83<br>79     | 1480                | 75                 | 6.7                   | 350S(R)125<br>14Sh(R)-6   | 850<br>1260<br>1660 | 236<br>350<br>461         | 140<br>125<br>100    | 70<br>81<br>72.5 | 1480                | 630                | 5.3                   |
| 250S(R)39A<br>10Sh(R)-9A  | 324<br>468<br>576 | 90<br>130<br>160       | 35.5<br>30.5<br>25   | 74<br>79<br>77     | 1480                | 55                 | 6.7                   | 350S(R)125A<br>14Sh(R)-6A | 787<br>1157<br>1538 | 219<br>321<br>427.2       | 120<br>107<br>86     | 70<br>77<br>72.5 | 1480                | 560                | 5.3                   |
| 250S(R)24<br>10Sh(R)-13   | 360<br>485<br>576 | 100<br>134.7<br>170    | 27<br>24<br>19       | 80<br>86<br>82     | 1480                | 45                 | 6.7                   | 350S(R)125B<br>14Sh(R)-6B | 697<br>1027<br>1363 | 194<br>285<br>379         | 94<br>84<br>67       | 70<br>77<br>72.5 | 1480                | 400                | 5.3                   |
| 250S(R)24A<br>10Sh(R)-13A | 342<br>414<br>482 | 95<br>115<br>134       | 22.2<br>20.3<br>17.4 | 80<br>83<br>80     | 1480                | 37                 | 6.7                   | 350S(R)75<br>14Sh(R)-9    | 972<br>1260<br>1440 | 270<br>350<br>400         | 80<br>75<br>65       | 78<br>85<br>80   | 1480                | 355                | 5.3                   |
| 250S(R)14<br>10Sh(R)-19   | 360<br>485<br>576 | 100<br>134.7<br>160    | 17.5<br>14<br>11     | 80<br>85<br>78     | 1480                | 30                 | 6.7                   | 350S(R)75A<br>14Sh(R)-9A  | 900<br>1170<br>1332 | 250<br>325<br>370         | 70<br>65<br>56       | 78<br>84<br>79   | 1480                | 280                | 5.3                   |
| 250S(R)14A<br>10Sh(R)-19A | 320<br>430<br>504 | 89<br>120<br>140       | 13.7<br>11<br>8.6    | 78<br>82<br>75     | 1480                | 18.5               | 6.7                   | 350S(R)75B<br>14Sh(R)-9B  | 813<br>1060<br>1202 | 226<br>294<br>334         | 57<br>53<br>45.5     | 75<br>82<br>77   | 1480                | 220                | 5.3                   |
| 250S(R)100<br>10Sh(R)-8   | 288<br>480<br>576 | 80<br>133<br>160       | 119<br>100<br>86     | 76<br>83<br>80     | 2950                | 200                | 5.5                   | 350S(R)44<br>14Sh(R)-13   | 972<br>1260<br>1476 | 270<br>350<br>410         | 50<br>44<br>37       | 81<br>87<br>79   | 1480                | 220                | 5.3                   |
| 250S(R)100A<br>10Sh(R)-8A | 264<br>440<br>528 | 73<br>122<br>147       | 105<br>88<br>74      | 74<br>82<br>77     | 2950                | 160                | 5.5                   | 350S(R)44A<br>14Sh(R)-13A | 900<br>1170<br>1332 | 250<br>325<br>370         | 42<br>37<br>31       | 80<br>84<br>80   | 1480                | 160                | 5.3                   |
| 250S(R)100B<br>10Sh(R)-8B | 240<br>400<br>480 | 67<br>111<br>133       | 87<br>70<br>63       | 72<br>79<br>76     | 2950                | 110                | 5.5                   | 350S(R)26<br>14Sh(R)-19   | 972<br>1260<br>1440 | 270<br>350<br>400         | 32<br>26<br>22       | 85<br>88<br>82   | 1480                | 132                | 5.3                   |
| 250S(R)100C<br>10Sh(R)-8C | 210<br>350<br>420 | 58<br>97<br>117        | 73<br>61<br>52       | 70<br>76<br>74     | 2950                | 90                 | 5.5                   | 350S(R)26A<br>14Sh(R)-19A | 843<br>1088<br>1264 | 234.2<br>302.2<br>351.1   | 24.7<br>20.4<br>15.7 | 80<br>83<br>73   | 1480                | 90                 | 5.3                   |

## S ( R )、Sh ( R ) 型泵性能参数表

| 型号<br>Model               | 流量<br>Capacity       |                         | 扬程<br>Head (m)      | 效率<br>Eff (%)    | 转速<br>Speed (r/min) | 电机功率<br>Power (kW) | 必需汽蚀余量<br>(NPSH)r (m) |
|---------------------------|----------------------|-------------------------|---------------------|------------------|---------------------|--------------------|-----------------------|
|                           | (m³/h)               | (L/s)                   |                     |                  |                     |                    |                       |
| 350S(R)16<br>14Sh(R)-28   | 972<br>1260<br>1440  | 270<br>350<br>400       | 20<br>16<br>13.4    | 83<br>86<br>74   | 1480                | 75                 | 5.3                   |
| 350S(R)16A<br>14Sh(R)-28A | 800<br>976<br>1167   | 222.2<br>268.6<br>324.2 | 13.7<br>11.5<br>8.6 | 74<br>78<br>70   | 1480                | 55                 | 5.3                   |
| 500S(R)98<br>20Sh(R)-6    | 1620<br>2020<br>2340 | 450<br>561.1<br>650     | 114<br>98<br>79     | 78<br>79.5<br>74 | 970                 | 800                | 4                     |
| 500S(R)98A<br>20Sh(R)-6A  | 1500<br>1872<br>2170 | 416.7<br>520<br>602.8   | 96<br>83<br>67      | 77<br>78.5<br>73 | 970                 | 630                | 4                     |
| 500S(R)98B<br>20Sh(R)-6B  | 1400<br>1746<br>2020 | 388.9<br>485<br>561.1   | 86<br>74<br>59      | 76<br>78<br>75   | 970                 | 560                | 4                     |
| 500S(R)59<br>20Sh(R)-9    | 1620<br>2020<br>2340 | 450<br>561.1<br>650     | 68<br>59<br>47      | 79<br>83<br>80   | 970                 | 450                | 4.5                   |
| 500S(R)59A<br>20Sh(R)-9A  | 1500<br>1872<br>2170 | 416.7<br>520<br>602.8   | 57<br>49<br>39      | 74<br>75<br>72   | 970                 | 400                | 4.5                   |
| 500S(R)59B<br>20Sh(R)-9B  | 1400<br>1746<br>2020 | 388.9<br>485<br>561.1   | 46<br>40<br>32      | 73<br>74<br>71   | 970                 | 315                | 4.5                   |
| 500S(R)35<br>20Sh(R)-13   | 1620<br>2020<br>2340 | 450<br>561.1<br>650     | 40<br>35<br>28      | 85<br>88<br>85   | 970                 | 280                | 4.8                   |
| 500S(R)35A<br>20Sh(R)-13A | 1400<br>1746<br>2020 | 288.9<br>485<br>561.1   | 31<br>27<br>21      | 82<br>85<br>84   | 970                 | 220                | 4.8                   |
| 500S(R)22<br>20Sh(R)-19   | 1620<br>2020<br>2340 | 450<br>561.1<br>650     | 24.5<br>22<br>19.4  | 72<br>84<br>80   | 970                 | 185                | 5.2                   |
| 500S(R)22A<br>20Sh(R)-19A | 1400<br>1746<br>2020 | 388.9<br>485<br>561.1   | 20<br>17<br>14      | 74<br>80<br>72   | 970                 | 132                | 5.2                   |
| 500S(R)13<br>20Sh(R)-28   | 1620<br>2020<br>2340 | 450<br>561.1<br>650     | 15<br>13<br>10.4    | 79<br>83<br>80   | 970                 | 110                | 5.7                   |
| 600S(R)22<br>24Sh(R)-28   | 2520<br>3170<br>3600 | 700<br>880<br>1000      | 25<br>22<br>18      | 86<br>88<br>79   | 970                 | 250                | 7                     |
| 600S(R)22A<br>24Sh(R)-28A | 2280<br>2880<br>3300 | 633<br>800<br>917       | 21.5<br>18<br>14    | 85<br>87<br>78   | 970                 | 185                | 7                     |

| 型号<br>Model                | 流量<br>Capacity          |                            | 扬程<br>Head (m)       | 效率<br>Eff (%)      | 转速<br>Speed (r/min) | 电机功率<br>Power (kW) | 必需汽蚀余量<br>(NPSH)r (m) |
|----------------------------|-------------------------|----------------------------|----------------------|--------------------|---------------------|--------------------|-----------------------|
|                            | (m³/h)                  | (L/s)                      |                      |                    |                     |                    |                       |
| 600S(R)32<br>24Sh(R)-19    | 2700<br>3240<br>3600    | 750<br>900<br>1000         | 33.5<br>32<br>26     | 85<br>89<br>84     | 970                 | 400                | 6.4                   |
| 600S(R)32A<br>24Sh(R)-19A  | 2520<br>3000<br>3165    | 700<br>834<br>880          | 25.5<br>23<br>19.2   | 85<br>89<br>84     | 970                 | 250                | 6.4                   |
| 600S(R)47<br>24Sh(R)-13    | 2520<br>3170<br>3600    | 700<br>800<br>1000         | 56.5<br>47<br>40.5   | 80<br>88<br>86     | 970                 | 560                | 5.5<br>6.5<br>8.0     |
| 600S(R)47A<br>24Sh(R)-13A  | 2280<br>2920<br>3500    | 633<br>811<br>972          | 45<br>42<br>35       | 84<br>88<br>83     | 970                 | 450                | 5.5<br>6.5<br>8.0     |
| 600S(R)75<br>24Sh(R)-9     | 2592<br>3060<br>3600    | 720<br>850<br>1000         | 78<br>75<br>69       | 87<br>88<br>80     | 970                 | 900                | 8                     |
| 600S(R)75A<br>24Sh(R)-9A   | 2338<br>3084<br>3248    | 500<br>857<br>900          | 63.5<br>57.8<br>56.2 | 85<br>90<br>89     | 970                 | 710                | 8                     |
| 800S(R)75<br>32Sh(R)-13    | 4680<br>6330<br>7200    | 1300<br>1758<br>2000       | 84<br>75<br>67.5     | 88<br>92<br>89.5   | 730                 | 1600               | 9                     |
| 800S(R)75A<br>32Sh(R)-13A  | 4470<br>5760<br>6878    | 1241.6<br>1600<br>1910.5   | 76.6<br>70<br>61.6   | 88<br>92<br>89     | 730                 | 1400               | 5.4                   |
| 800S(R)75B<br>32Sh(R)-13B  | 4320<br>5040<br>6844    | 1200<br>1680<br>1900       | 67<br>62<br>48.5     | 88.5<br>90<br>84   | 730                 | 1250               | 5.2                   |
| 800S(R)35<br>32Sh(R)-19    | 3720<br>4788<br>5368    | 10333<br>1330<br>1491.1    | 40.7<br>35.6<br>28.5 | 85<br>88<br>85     | 730                 | 625                | 5.1                   |
| 800S(R)28<br>32Sh(R)-22    | 5500<br>6010<br>6460    | 1527.7<br>1669.4<br>1794.4 | 32.5<br>28.9<br>25.4 | 84<br>83.5<br>80.4 | 730                 | 740                | 6.8                   |
| 1200S(R)26<br>48Sh(R)-22   | 9000<br>11000<br>12500  | 2500<br>130555<br>13472.2  | 28.5<br>26.3<br>23.6 | 80<br>86.8<br>88   | 485                 | 1150               | 6.9                   |
| 1200S(R)26A<br>48Sh(R)-22A | 8500<br>10000<br>12020  | 2361.1<br>2777.7<br>3338.8 | 19.6<br>18.5<br>14.3 | 80.5<br>86<br>80   | 485                 | 912                | 5.85                  |
| 1400S(R)25<br>48Sh(R)-22   | 16950<br>19370<br>21800 | 4708.3<br>5380.5<br>6055.5 | 27.5<br>25<br>22.31  | 88<br>90.2<br>90.6 | 375                 | 2000               | 8                     |
|                            | 13580<br>15480<br>17420 | 3772.2<br>4300<br>4838.8   | 17.6<br>16<br>14.3   | 88<br>90.2<br>96.6 | 300                 | 800                | 7.5                   |
| 1400S(R)25<br>48Sh(R)-22A  | 15650<br>17890<br>20110 | 4347.2<br>4969.4<br>5586.1 | 23.4<br>21.3<br>19.2 | 88<br>90.2<br>96.6 | 375                 | 1250               | 7.9                   |