



# Wuxi Haisheng High Pressure Pump Co., Ltd.

| Input shaft speed code min-1 | 1440         | Triplex Plunger Pump, Model HS3P35 |                |               |                |               |                |               |                |               |                | Gray area:<br>1. Long time operation is not recommended.<br>2. The medium is at room temperature. |                |               |                |
|------------------------------|--------------|------------------------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------------------------------------------------------------------------------------------|----------------|---------------|----------------|
| Pump speed min-1             |              | 103                                |                | 203           |                | 288           |                | 360           |                | 457           |                | 514                                                                                               |                | 580           |                |
| Plunger mm                   | Pressure MPa | Capacity                           | Power          | Capacity      | Power          | Capacity      | Power          | Capacity      | Power          | Capacity      | Power          | Capacity                                                                                          | Power          | Capacity      | Power          |
|                              |              | L/min<br>M³/h                      | Required<br>kW | L/min<br>M³/h | Required<br>kW | L/min<br>M³/h | Required<br>kW | L/min<br>M³/h | Required<br>kW | L/min<br>M³/h | Required<br>kW | L/min<br>M³/h                                                                                     | Required<br>kW | L/min<br>M³/h | Required<br>kW |
| 10                           | 70           | 0.85<br>0.05                       | 1.2            | 1.67<br>0.10  | 2.3            | 2.37<br>0.14  | 3.3            | 2.97<br>0.18  | 4.2            | 3.77<br>0.23  | 5.3            | 4.24<br>0.25                                                                                      | 5.9            | 4.78<br>0.29  | 6.7            |
| 12                           | 50           | 1.22<br>0.07                       | 1.2            | 2.41<br>0.14  | 2.4            | 3.42<br>0.20  | 3.4            | 4.27<br>0.26  | 4.3            | 5.43<br>0.32  | 5.4            | 6.10<br>0.37                                                                                      | 6.1            | 6.88<br>0.41  | 6.9            |
| 14                           | 40           | 1.66<br>0.10                       | 1.3            | 3.28<br>0.20  | 2.6            | 4.65<br>0.28  | 3.7            | 5.82<br>0.35  | 4.7            | 7.39<br>0.44  | 5.9            | 8.31<br>0.50                                                                                      | 6.6            | 9.37<br>0.56  | 7.5            |
| 16                           | 30           | 2.17<br>0.13                       | 1.3            | 4.28<br>0.26  | 2.6            | 6.08<br>0.36  | 3.6            | 7.60<br>0.45  | 4.6            | 9.65<br>0.58  | 5.8            | 10.85<br>0.65                                                                                     | 6.5            | 12.24<br>0.73 | 7.3            |
| 18                           | 25           | 2.75<br>0.16                       | 1.4            | 5.42<br>0.32  | 2.7            | 7.69<br>0.46  | 3.8            | 9.61<br>0.58  | 4.8            | 12.21<br>0.73 | 6.1            | 13.73<br>0.82                                                                                     | 6.9            | 15.49<br>0.93 | 7.7            |
| 20                           | 20           | 3.39<br>0.20                       | 1.4            | 6.69<br>0.40  | 2.7            | 9.50<br>0.57  | 3.8            | 11.87<br>0.71 | 4.7            | 15.07<br>0.90 | 6.0            | 16.96<br>1.02                                                                                     | 6.8            | 19.12<br>1.15 | 7.6            |
| 22                           | 16           | 4.11<br>0.25                       | 1.3            | 8.09<br>0.48  | 2.6            | 11.49<br>0.69 | 3.7            | 14.36<br>0.86 | 4.6            | 18.24<br>1.09 | 5.8            | 20.52<br>1.23                                                                                     | 6.6            | 23.14<br>1.39 | 7.4            |
| 24                           | 12           | 4.89<br>0.29                       | 1.2            | 9.63<br>0.58  | 2.3            | 13.67<br>0.82 | 3.3            | 17.09<br>1.02 | 4.1            | 21.70<br>1.30 | 5.2            | 24.42<br>1.46                                                                                     | 5.9            | 27.54<br>1.65 | 6.6            |
| 26                           | 11           | 5.73<br>0.34                       | 1.3            | 11.30<br>0.68 | 2.5            | 16.05<br>0.96 | 3.5            | 20.06<br>1.20 | 4.4            | 25.47<br>1.53 | 5.6            | 28.66<br>1.72                                                                                     | 6.3            | 32.32<br>1.94 | 7.1            |
| 28                           | 10           | 6.65<br>0.40                       | 1.3            | 13.11<br>0.78 | 2.6            | 18.61<br>1.11 | 3.7            | 23.26<br>1.39 | 4.7            | 29.54<br>1.77 | 5.9            | 33.23<br>1.99                                                                                     | 6.6            | 37.48<br>2.24 | 7.5            |
| 32                           | 8            | 8.69<br>0.52                       | 1.4            | 17.12<br>1.03 | 2.7            | 24.31<br>1.46 | 3.9            | 30.39<br>1.82 | 4.9            | 38.58<br>2.31 | 6.2            | 43.41<br>2.60                                                                                     | 6.9            | 48.95<br>2.93 | 7.8            |
| 35                           | 7            | 10.39<br>0.62                      | 1.5            | 20.48<br>1.23 | 2.9            | 29.08<br>1.74 | 4.1            | 36.35<br>2.18 | 5.1            | 46.16<br>2.76 | 6.5            | 51.93<br>3.11                                                                                     | 7.3            | 58.56<br>3.51 | 8.2            |
| 38                           | 6            | 12.25<br>0.73                      | 1.5            | 24.14<br>1.45 | 2.9            | 34.28<br>2.05 | 4.1            | 42.85<br>2.57 | 5.1            | 54.41<br>3.26 | 6.5            | 61.21<br>3.67                                                                                     | 7.3            | 69.03<br>4.13 | 8.3            |
| 40                           | 5            | 13.57<br>0.81                      | 1.4            | 26.75<br>1.60 | 2.7            | 37.98<br>2.27 | 3.8            | 47.48<br>2.84 | 4.7            | 60.29<br>3.61 | 6.0            | 67.82<br>4.06                                                                                     | 6.8            | 76.49<br>4.58 | 7.6            |
| 42                           | 4            | 14.96<br>0.90                      | 1.2            | 29.49<br>1.77 | 2.4            | 41.87<br>2.51 | 3.3            | 52.34<br>3.13 | 4.2            | 66.47<br>3.98 | 5.3            | 74.78<br>4.48                                                                                     | 6.0            | 84.33<br>5.05 | 6.7            |

1 bar = 14.5038 psi = 0.1 Mpa; 1 L/min = 0.26417 usgpm = 0.221 ipgm; 1 kW = 1.3410 hp; 1 mm = 0.03937 inch