## KS+ (Slow Speed Monobloc Pump)

Slow Speed Monobloc Pump

### RANGE AND TECHNICAL SPECIFICATIONS

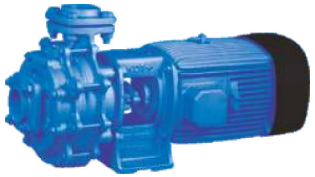
| | | |
|---|---|---|
| Head Range | : | Upto 22 meters |
| Discharge Range | : | Upto 72.5 LPS |
| Power Rating | : | 2.2 - 7.5 kW |
| Voltage Range | : | 300 - 440 V |

**Approximate performance of KS+, 4 Pole, Monobloc Pump set rated voltage, 50 Hz, Three Phase A.C. power Supply:**

| Pump Model | Power Rating | | Pipe Size (mm) | | Full Load Current (in Amps) | Rated Voltage (volts) | TOTAL HEADS IN METRES | | | | | | | | | | RPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | |
| | | | | | | | DISCHARGE IN LITRES PER SECOND | | | | | | | | | | |
| | kW | HP | Suc. | Del. | | | | | | | | | | | | | |
| KS-316+ | 2.2 | 3 | 65 | 50 | 4.9 | 415 | - | - | - | - | 13.4 | 11.6 | 9.3 | - | - | - | 1400 |
| KS-513+ | 3.7 | 5 | 100 | 100 | 7.6 | 415 | - | 34 | 30.9 | 27 | 22 | - | - | - | - | - | 1420 |
| KS-516+ | 3.7 | 5 | 80 | 65 | 7.6 | 415 | - | - | - | - | 23.7 | 20.8 | 17.5 | 13.2 | - | - | 1420 |
| KS-810+ | 5.5 | 7.5 | 150 | 150 | 11.9 | 400 | 66 | 63.5 | 55 | 43.5 | - | - | - | - | - | - | 1420 |
| KS-817+ | 5.5 | 7.5 | 100 | 100 | 11.9 | 400 | - | - | - | 34.4 | 31.8 | 29 | 25.3 | 19.2 | - | - | 1420 |
| KS-823+ | 5.5 | 7.5 | 100 | 80 | 11.9 | 400 | - | - | - | - | - | 27.3 | 25 | 22.2 | 18.8 | 14.5 | 1420 |
| KS-1012+ | 7.5 | 10 | 150 | 150 | 16 | 400 | - | 72.5 | 67 | 59.5 | 49.5 | 30 | - | - | - | - | 1430 |
| KS-1022+ | 7.5 | 10 | 100 | 100 | 16 | 400 | - | - | - | - | - | 36 | 33 | 29 | 24.2 | 17.5 | 1430 |

Extended shaft version is also available on request for above pumpsets. These pumps can be supplied with stuffing box arrangement for gland packed or with mechanical seal. All pumpsets except KS-810+ and KS-1012+ are ISI marked.

## KDT+ (Two Stage High Speed) / KDS+



### RANGE AND TECHNICAL SPECIFICATIONS

| | | |
|---|---|---|
| Head Range | : | Upto 110 meters |
| Discharge Range | : | Upto 30.4 LPS |
| Power Rating | : | 3.7 - 15 kW<br>(5 - 20 HP) |
| Voltage Range | : | 300 - 440 V (Three Phase) |

**Approximate performance of 'KDT+/ KDS+/++, 2 Pole, Monobloc Pumps, at rated voltage, 50 Hz, Three Phase A.C. power supply:**

| Power Model | Power Rating | | Pipe Size (mm) | | TOTAL HEAD IN METERS | | | | | | | | | | | | | | | | | | | | Rated Voltage (Volts) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 28 | 32 | 36 | 40 | 44 | 48 | 52 | 56 | 60 | 64 | 68 | 72 | 76 | 80 | 90 | 94 | 98 | 110 | |
| | | | | | DISCHARGE IN LITRES PER SECOND | | | | | | | | | | | | | | | | | | |
| | kW | Hp | Suc. | Del. | | | | | | | | | | | | | | | | | | | |
| KDT-544+ | 3.7 | 5 | 65 | 50 | 6.8 | 6.2 | 5.6 | 4.8 | 3.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 400 |
| KDS-550++ | 3.7 | 5 | 50 | 40 | - | - | 4.1 | 3.7 | 3.3 | 2.7 | 2 | - | - | - | - | - | - | - | - | - | - | - | 400 |
| KDT-568+ | 3.7 | 5 | 50 | 40 | - | - | 4.3 | 4 | 3.7 | 3.4 | 3 | 2.5 | 2 | 1.2 | - | - | - | - | - | - | - | - | 400 |
| KDS-844++ | 5.5 | 7.5 | 65 | 65 | 10.3 | 9.5 | 8.4 | 7.1 | 4.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | 400 |
| KDT-844+ | 5.5 | 7.5 | 80 | 65 | 11.8 | 10.9 | 10 | 9 | 7.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 400 |
| KDS-862++ | 5.5 | 7.5 | 65 | 50 | - | 8.6 | 8.1 | 7.5 | 6.8 | 5.9 | 4.5 | - | - | - | - | - | - | - | - | - | - | - | 400 |
| KDT-864+ | 5.5 | 7.5 | 65 | 50 | | | 7.3 | 7 | 6.5 | 6 | 5.5 | 5 | 4.2 | 2.7 | - | - | - | - | - | - | - | - | 400 |
| KDS-1050++ | 7.5 | 10 | 65 | 65 | 12.5 | 12 | 11.4 | 10.7 | 9.6 | 8.1 | 6 | - | - | - | - | - | - | - | - | - | - | - | 415 |
| KDT-1050+ | 7.5 | 10 | 80 | 65 | 13.8 | 13.2 | 12.4 | 11.5 | 10.5 | 9.2 | 7.8 | - | - | - | - | - | - | - | - | - | - | - | 415 |
| KDS-1065++ | 7.5 | 10 | 65 | 50 | - | - | - | 7.8 | 7.4 | 6.9 | 6.4 | 5.8 | 5.1 | 4.3 | 3 | - | - | - | - | - | - | - | 415 |
| KDT-1078+ | 7.5 | 10 | 65 | 50 | | | 8.2 | 8 | 7.8 | 7.5 | 7.1 | 6.7 | 6.2 | 5.6 | 4.9 | 4 | 2 | - | - | - | - | - | 415 |
| KDS-1348+ | 9.3 | 12.5 | 80 | 65 | 18.2 | 17.3 | 15.8 | 14.3 | 11.9 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | 415 |
| KDS-1360 | 9.3 | 12.5 | 65 | 50 | 12.5 | 12.1 | 11.7 | 11.2 | 10.75 | 10 | 9.2 | - | - | - | - | - | - | - | - | - | - | - | 415 |
| KDT-1372+ | 9.3 | 12.5 | 65 | 65 | - | - | 11.5 | 11 | 10.5 | 9.5 | 9.2 | 9 | 7.8 | 7 | 6 | 4.5 | 2.5 | - | - | - | - | - | 415 |
| KDT-1388+ | 9.3 | 12.5 | 65 | 50 | - | - | - | - | - | - | - | - | 7.5 | 6.9 | 6.5 | 6.2 | 5.8 | 5.4 | 3.8 | - | - | - | 415 |
| KDS-1555+ | 11 | 15 | 80 | 65 | - | 19.2 | 18.5 | 17.4 | 16 | 14.5 | 12.2 | - | - | - | - | - | - | - | - | - | - | - | 415 |
| KDS-1570+ | 11 | 15 | 65 | 50 | - | 13 | 12.7 | 12.5 | 11.7 | 11.5 | 10.7 | 9.7 | 9 | 8 | 6.5 | - | - | - | - | - | - | - | 415 |
| KDS-1575+ | 11 | 15 | 65 | 50 | - | - | - | - | - | - | 8.1 | 7.7 | 7.4 | 6.9 | 6.4 | 5.8 | 4.9 | - | - | - | - | - | 415 |
| KDT-1580+ | 11 | 15 | 65 | 65 | - | - | - | - | - | 11-.2 | 10.5 | 10.1 | 9.5 | 9 | 8.3 | 7.8 | 7.1 | 6.2 | 3.2 | - | - | - | 415 |
| KDT-1598+ | 11 | 15 | 65 | 50 | - | - | - | - | - | - | - | - | - | - | - | 7.8 | 7.1 | 6.7 | 5.7 | 5.3 | 4.8 | 1.75 | 415 |
| KDS-2050+ | 15 | 20 | 100 | 80 | 30.4 | 28.8 | 27 | 25 | 22.8 | 19.4 | 13 | - | - | - | - | - | - | - | - | - | - | - | 415 |
| KDT-2070+ | 15 | 20 | 80 | 65 | - | - | - | 20 | 19 | 18 | 17 | 16 | 15 | 13.5 | 12 | 9 | - | - | - | - | - | - | 415 |
| KDT-2095+ | 15 | 20 | 65 | 65 | - | - | - | - | - | - | - | - | - | - | 12 | 11.5 | 10.9 | 10.2 | 8 | 7 | 5.5 | - | 415 |
| KDS-2560+ | 18 | 25 | 100 | 80 | - | - | - | - | 24.5 | 22 | 18.6 | 13 | - | - | - | - | - | - | - | - | - | - | 415 |
| KDS-3068+ | 22 | 30 | 100 | 80 | - | - | - | - | - | 28 | 26.5 | 24.5 | 21.5 | 17.5 | 10 | - | - | - | - | - | - | - | 415 |

Note:
KDT+: All pumpsets except KDT - 568+ and
KDT 844+ are ISI marked.
KDS+: All pumps except KDS - 1575+ are ISI marked. Above pumpset can be supplied with stuffing box arrangement for gland or with mechanical seal against the requirement.
Performance applicable to liquid of specific gravity 1 and viscosity as of water.