



PERFORMANCE CHART FOR SINGLE PHASE MONOBLOC PUMPS

| PUMP TYPE | PUMP SIZE IN mm | DISCHARGE IN LITER PER HOUR AT VARIOUS TOTAL HEADS IN FEET/MTS | | | | | | | | | | | | |
|------------------------------------|--------------------|--|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|----------------|
| | | 20 FT 6 MTS | 30 FT 9 MTS | 40 FT 12 MTS | 50 FT 15 MTS | 60 FT 18 MTS | 70 FT 21 MTS | 80 FT 24 MTS | 90 FT 27 MTS | 100 FT 30 MTS | 110 FT 33 MTS | 120 FT 36 MTS | 130 FT 39 MTS | 150FT 45MTS |
| 0.5 HP SELF PRIMING-SLM-50/N | 25X25 | 2000 | 1850 | 1600 | 1450 | 1300 | 1150 | 1000 | 800 | 600 | | | | |
| 0.5 HP SELE PRIMING –SLM-50 | 25X25 | 2200 | 2100 | 2000 | 1850 | 1750 | 1700 | 1600 | 1350 | 1000 | 750 | | | |
| 1HP SELF PRIMING –SLM-100 | 25X25 | 3500 | 3400 | 3300 | 3150 | 3000 | 2800 | 2500 | 2300 | 2000 | 1700 | 1400 | 1100 | 500 |
| 0.5 HP SHALLOW WELL –SWJ-50 | 25X25 | 3300 | 3200 | 3150 | 3000 | 2900 | 2500 | 2000 | 1300 | 800 | | | | |
| 0.5 HP DSM-2 MONOBLOC | 25X25 | 2800 | 2500 | 2200 | 1850 | 1600 | 1350 | 1100 | 850 | | | | | |
| 0.5 HP FLOWMAX – 1/MH | 25X25 | 5800 | 5600 | 5400 | 4200 | | | | | | | | | |
| 0.5 HP FLOWMAX – 1 | 25X25 | | | 7500 | 6500 | 5500 | 3400 | | | | | | | |
| 0.5 HP FLOWMAX –1/LH | 38X38 | 13000 | 10000 | 6500 | | | | | | | | | | |
| 0.5 HP FLOWMAX – 1/HH | 25X25 | | | 6300 | 6100 | 5600 | 4000 | 1800 | | | | | | |
| 1 HP FLOWMAX – 2/HH | 25X25 | | | 6500 | 6400 | 6300 | 6150 | 6000 | 5200 | 3800 | 1000 | | | |
| 1 HP FLOWMAX – 2 | 32X25 | | | | 9000 | 7500 | 5500 | 5000 | 3000 | 1100 | | | | |
| 1 HP FLOWMAX – 2/MH | 38X38 | 21000 | 19500 | 17000 | 13000 | | | | | | | | | |
| 1 HP FLOWMAX – 2/LH | 50X50 | 22000 | 20000 | 16000 | 11000 | | | | | | | | | |
| 1.5 HP FLOWMAX – 3 | 50X38 | | 26000 | 23500 | 18000 | 13500 | 6000 | | | | | | | |
| 2 HP FLOWMAX – 4/LH | 75X65 | 40000 | 32000 | 25000 | 11000 | | | | | | | | | |
| 2 HP FLOWMAX – 4/MH | 65X50 | | | 31000 | 24000 | 15000 | | | | | | | | |
| 2 HP FLOWMAX – 4 | 50X50 | | | 30000 | 22000 | 16000 | 12000 | | | | | | | |
| 2 HP FLOWMAX – 4/HH –1 | 38X38 | | | | | 9750 | 9500 | 9000 | 8000 | 7500 | 7000 | 6000 | | |
| 2 HP FLOWMAX – 4/HH –2 | 38X32 | | | | | 9500 | 9250 | 8800 | 7750 | 7400 | 6800 | 5800 | | |

IMPORTANT NOTES :

1. Install proper size of pipes as recommended.
2. Reduce number of bends in delivery pipe line.
3. Do not use more than one bend in suction line.
4. Use ISI Marketed Friction less foot valves.
5. For pumps having 25x25 pipe sizes do not use 20 mm or 12.7 mm for delivery It will affect the performance of the pump due to pipe friction.
6. To avoid over loading select proper pumps by the help of our performance chart
7. To avoid over loading and cavitation install suction lift within 10 to 17 feet.
8. Use 1.5Sq mm copper wire for ½ HP, 2.5Sq mm copper wires for 1 HP and 4.0Sq mm copper Wires for 1.5 HP and 2 HP Monobloc Pumps.