



H₂O Series

Centrifugal Self Priming Pumps

Versatile, really robust and definitely mobile



We move SOLIDS

MBH[®]
PUMPS

Centrifugal Self Priming Pumps

SPECIAL FEATURES :

- Excellent quick automatic priming action without foot valve
- Automatic air release during priming
- Backpull out design, so easy maintenance without disturbing pipelines
- Dynamically balanced rotating parts ensure less vibrations
- Better efficiency as per with internationally available pumps
- Available in bare, coupled, Monoblock version
- Less expensive and easily available spares
- Pumps can be fitted with mechanical seal as per customer requirements
- Also offered pump with trolley / trailer to move it from one place to another
- Very simple construction, only two moving parts



RANGE :

Head : upto 34 Mtrs.
Capacity : upto 74 Litre / second
Power Rating
For Motor Drive : 1.0 HP to 25 HP
For Engine Drive : 6.0 HP to 40 HP

MATERIAL OF CONSTRUCTION :

Standard Supply :
Casing : Cast Iron
Impeller : Cast Iron / SS 304 / 316
Shaft : EN - 8
Sleeve Seal : SS - 410
Shaft Seal : Gland Pack / Mechanical Seal

APPLICATIONS :

Public Utilities : For pumping muddy water, sewage, polluted liquids, solid and swimming pool.

Civil Engineering : Food drainage, sewage pumping, fire fighting, recovery of dangerous liquid.

Waste Treatments : Pumping, hot or corrosive waste water containing sand, mud or solids in suspension, dosing neutralising liquids, pumping out settled sludge.

Construction Industry : Dewatering excavation, canals or ponds, ground water dewatering with well point systems or drains, water supply from well or canals, hosing down concrete castings.

PERFORMANCE TABLE :

| Model | Size (mm) | Solid Size (mm) | H.P. | Rated Speed | Total Head in Meters | | | | | | | | | | | | | | D | DR | |
|-----------------------|-----------|-----------------|------|-------------|---|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|----|----|
| | | | | | 6 | 8 | 10 | 12 | 14 | 15 | 18 | 20 | 24 | 25 | 26 | 28 | 30 | 32 | | | 34 |
| Motor Coupled | | | | | Capacity in Litre / Second (LPS) | | | | | | | | | | | | | | | | |
| 1.5 MBH SP 7 | 40x40 | 7 | 1 | 2850 | 5.1 | 4.4 | 3.9 | 3.4 | 2.1 | 1 | - | - | - | - | - | - | - | - | - | M | A |
| 1.5 MBH SP 9 | 40x40 | 8.5 | 2 | 2850 | - | - | 6.3 | 5.5 | 4.7 | 4.3 | 2.6 | 0.7 | - | - | - | - | - | - | - | M | A |
| 2 MBH SP 11 | 50x50 | 10.5 | 3 | 2900 | - | - | 9 | 8.6 | 7.9 | 7.5 | 6.2 | 5.1 | 2.4 | 1.3 | - | - | - | - | - | M | A |
| 3 MBH SP 16 | 80x80 | 15.5 | 5 | 1450 | 19.5 | 18.4 | 17.1 | 15.3 | 13.2 | 11.4 | 5.1 | - | - | - | - | - | - | - | - | M | C |
| 4 MBH SP 23 | 100x100 | 16.5 | 10 | 1450 | - | - | 35 | 32.8 | 30.2 | 28.7 | 24.2 | 21.2 | 12.6 | 9.8 | - | - | - | - | - | M | C |
| 4 MBH SP 23S | 100x100 | 23 | 12.5 | 1450 | - | - | 41.7 | 39.2 | 35.7 | 34.2 | 29.6 | 26.1 | 18.1 | 15.8 | 12.6 | - | - | - | - | M | C |
| 3 MBH SP 7 | 80x80 | 7 | 5 | 2850 | - | - | - | - | - | - | - | 9.7 | 8 | 7.4 | 6.9 | 5.9 | 5 | 3.7 | - | M | C |
| 3 MBH SP 14 | 80x80 | 8 | 7.5 | 2850 | - | - | - | - | - | - | - | 15 | 14.3 | 13.8 | 13.2 | 11.7 | 9.8 | 7.5 | 4.9 | M | C |
| 6 MBH SP 40 | 150x150 | 40 | 25 | 1450 | - | - | 74.1 | 71.6 | 67.7 | 58.1 | 51.4 | 33.3 | 27 | 19.4 | - | - | - | - | - | M | C |
| 6 MBH SP 40LA | 150x150 | 34 | 20 | 1450 | - | - | 65.8 | 62.9 | 59.1 | 57 | 48.5 | 42 | 22.8 | - | - | - | - | - | - | M | C |
| Engine Coupled | | | | | | | | | | | | | | | | | | | | | |
| 3 MBH SP 16 | 80x80 | 15.5 | 6 | 1500 | - | - | - | 17.5 | 15.3 | 13.9 | 12.3 | 8.4 | 5.8 | 3.4 | - | - | - | - | - | E | C |
| 3 MBH SP 16 | 80x80 | 15.5 | 12 | 1800 | - | - | - | - | 22.3 | 20.5 | 18.8 | 13.6 | 11.9 | 10 | 5.9 | - | - | - | - | E | C |
| 4 MBH SP 23 | 100x100 | 16.5 | 12 | 1500 | - | - | - | 36 | 33.6 | 32.3 | 28.1 | 24.8 | 17 | 14.3 | 11.3 | - | - | - | - | E | C |
| 4 MBH SP 23S | 100x100 | 23 | 14 | 1500 | - | - | - | 41.2 | 38.8 | 37.9 | 33.8 | 30.3 | 21.3 | 18.3 | 15.8 | 9.6 | - | - | - | E | C |
| 6 MBH SP 40 | 150x150 | 34 | 22 | 1500 | - | - | 67.8 | 65.9 | 63.8 | 61.9 | 53.3 | 47.8 | 32.6 | 28.1 | 22.3 | - | - | - | - | E | C |
| 6 MBH SP 40LA | 150x150 | 40 | 26 | 1500 | - | - | 77.1 | 74.2 | 71.7 | 70.6 | 62.7 | 56.7 | 41.9 | 38.1 | 31.8 | - | - | - | - | E | C |

Specifications and performance are subject to change without prior notice.

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