



DESH KA PUMP SHAKTI PUMP

MONOBLOCK PUMPS (Single Phase)
SSM SERIES



FEATURES

- Dynamically balanced rotor with shaft & impellers
- TEFC, capacitor start & run motor
- In-built thermal overload protector (top) to protect the motor from burning
- Withstand wide voltage fluctuations
- Double shield ball bearing with life long lubrication
- Sturdy motor design to withstand wide voltage fluctuation
- For various field conditions, pumps available in different voltage bandwidth
 - A) Super low voltage=100 V to 200 V
 - B) Single phase normal = 140 V to 250 V
 - C) Single phase special design= 100 V to 300 V
 - D) Special design = 160 V to 420 V
- High head low discharge, medium head medium discharge & low head high discharge options
- All models are available with three phase options

APPLICATIONS:

- Water Supply in irrigation
- Hotels, Hospitals
- Agriculture use
- Sprinkler irrigation system



SHAKTI MONOBLOCK PUMPS - SINGLE PHASE (SSM SERIES)

Head Range (m) : 8 - 30 | Flow Range (m³/hr) : 2.9 - 15.6 | Rating (HP) : 1.0 - 2.0

| Model | kW / HP | Pipe Size (mm) | Head (m) | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|-----------------|------------|----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| SSM1022 A/B/C/D | 0.75 / 1.0 | 25X25 | Q- Dis. in LPM | - | 100 | 95 | 95 | 95 | 95 | 95 | 80 | 48 | - | - | - |
| SSM1032 A/B/C/D | 0.75 / 1.0 | 32x25 | | - | 120 | 115 | 110 | 109 | 107 | 103 | 102 | 98 | 90 | 65 | - |
| SSM1544 A/B/C/D | 1.1 / 1.5 | 40x40 | | 260 | 250 | 245 | 240 | 230 | 230 | 220 | 200 | 190 | 120 | - | - |
| SSM2054 A/B/C/D | 1.5 / 2.0 | 50x40 | | - | 255 | 255 | 250 | 250 | 240 | 240 | 230 | 230 | 220 | 175 | 110 |

Head Range (m) : 06 - 22 | Flow Range (m³/hr) : 2.1-37.8 | Rating (HP) : 0.5 - 2.0

| Model | kW / HP | Pipe Size (mm) | Head (m) | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
|-------------------|------------|----------------|----------------|----|-----|-----|-----|-----|-----|--------|--------|-----|
| SSM0522 L A/B/C/D | 0.37 / 0.5 | 25X25 | Q- Dis. in LPM | 99 | 97 | 96 | 95 | 92 | 68 | 36 | - | - |
| SSM0522 H A/B/C/D | 0.37 / 0.5 | 25X25 | | - | - | 140 | 134 | 120 | 90 | 60 | 35 | - |
| SSM1044 A/B/C/D | 0.75 / 1.0 | 40x40 | | - | 260 | 250 | 230 | 220 | 175 | 80 | - | - |
| SSM1554 A/B/C/D | 1.1 / 1.5 | 50x40 | | - | 480 | 450 | 440 | 400 | 350 | 280 | 19-240 | |
| SSM1555 A/B/C/D | 1.1 / 1.5 | 50x50 | | - | 530 | 500 | 470 | 410 | 350 | 280 | 19-230 | |
| SSM1565 A/B/C/D | 1.1 / 1.5 | 65x50 | | - | 550 | 500 | 460 | 400 | 300 | 17-240 | | - |
| SSM2055 A/B/C/D | 1.5 / 2.0 | 50x50 | | - | 430 | 390 | 350 | 315 | 280 | 240 | 190 | 140 |
| SSM2065 A/B/C/D | 1.5 / 2.0 | 65x50 | | - | 630 | 580 | 550 | 520 | 440 | 360 | 240 | - |
| SSM2086 A/B/C/D | 1.5 / 2.0 | 80x65 | | - | 630 | 570 | 510 | 420 | 270 | - | - | - |

Head Range (m) : 6 - 13 | Flow Range (m³/hr) : 7.2 - 55.2 | Rating (HP) : 0.5 - 2.0

| Model | kW / HP | Pipe Size (mm) | Head (m) | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|-----------------|------------|----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| SSM0544 A/B/C/D | 0.37 / 0.5 | 40x40 | Q- Dis. in LPM | - | - | 300 | 280 | 250 | 240 | 180 | 120 |
| SSM1055 A/B/C/D | 0.75 / 1.0 | 50x50 | | - | - | 420 | 400 | 340 | 300 | 270 | - |
| SSM2088 A/B/C/D | 1.5 / 2.0 | 80x80 | | 920 | 870 | 830 | 790 | 740 | 660 | 550 | 450 |



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