

CHEMICAL FEED PUMPS



SINGLE HEAD FIXED OUTPUT PUMPS



SWT's single head fixed output metering pump is built with two detachable components; the motor and the pump head. The fixed rate pump does not have an output adjustment. The output is determined by the rpm of the motor gears and the size of the pump tube. The motor's output shaft rotates at a fixed rpm which drives the roller assembly within the pump head.

SPECIFICATIONS

Max Operating Temperature:
125°F (52°C)
Max Suction Lift:
25 ft (7.6 m) vertical lift,
based on water
Motor Type:
1/30 HP, shaded pole, class B
Duty Cycle:
Continuous
Motor Voltage (Amp Draw):
120V 60Hz 1PH (1.7)
220V 60Hz 1PH (0.9)
230V 50Hz 1PH (0.9)
250V 50Hz 1PH (0.9)
Power Cord Type:
SJTOW
Power Cord Plug End:
120V 60Hz NEMA 5/15
220V 60Hz NEMA 6/15
230V 50Hz CEE 7/VII
250V 50Hz CEE 7/VII

| Part Number | Tube Size | Output | | Connection Size |
|-------------|-----------|-------------|-------------|-----------------|
| | | GPD @ 60 Hz | LPD @ 50 Hz | |

Single Head Fixed — 26 rpm — Low Pressure: 0 to 25 psi (1.7 bar)

| | | | | |
|-----------|----|----|-------|----------|
| TS45MP1 | #1 | 3 | 9.1 | 1/4 inch |
| TS45MP2 | #2 | 10 | 30.3 | 1/4 inch |
| TS45MP3 | #3 | 22 | 66.6 | 1/4 inch |
| TS45MP4 | #4 | 35 | 106.0 | 1/4 inch |
| TS45MP5 | #5 | 50 | 151.4 | 1/4 inch |
| TS45MP1-3 | #1 | 3 | 9.1 | 3/8 inch |
| TS45MP2-3 | #2 | 10 | 30.3 | 3/8 inch |
| TS45MP3-3 | #3 | 22 | 66.6 | 3/8 inch |
| TS45MP4-3 | #4 | 35 | 106.0 | 3/8 inch |
| TS45MP5-3 | #5 | 50 | 151.4 | 3/8 inch |

Single Head Fixed — 26 rpm — High Pressure: 0 to 100 psi (6.9 bar)

| | | | | |
|--------------|----|----|------|----------|
| TS45MPHP2 | #1 | 3 | 9.1 | 1/4 inch |
| TS45MPHP10 | #2 | 10 | 30.3 | 1/4 inch |
| TS45MPHP22 | #7 | 22 | 66.6 | 1/4 inch |
| TS45MPHP2-3 | #1 | 3 | 9.1 | 3/8 inch |
| TS45MPHP10-3 | #2 | 10 | 30.3 | 3/8 inch |
| TS45MPHP22-3 | #7 | 22 | 66.6 | 3/8 inch |

Single Head Fixed — 44 rpm — Low Pressure: 0 to 25 psi (1.7 bar)

| | | | | |
|-----------|----|----|-------|----------|
| TS85MP1 | #1 | 5 | 15.1 | 1/4 inch |
| TS85MP2 | #2 | 17 | 51.5 | 1/4 inch |
| TS85MP3 | #3 | 40 | 121.1 | 1/4 inch |
| TS85MP4 | #4 | 60 | 181.7 | 1/4 inch |
| TS85MP5 | #5 | 85 | 257.4 | 1/4 inch |
| TS85MP1-3 | #1 | 5 | 15.1 | 3/8 inch |
| TS85MP2-3 | #2 | 17 | 51.5 | 3/8 inch |
| TS85MP3-3 | #3 | 40 | 121.1 | 3/8 inch |
| TS85MP4-3 | #4 | 60 | 181.7 | 3/8 inch |
| TS85MP5-3 | #5 | 85 | 257.4 | 3/8 inch |

Single Head Fixed — 44 rpm — High Pressure: 0 to 100 psi (6.9 bar)

| | | | | |
|--------------|----|----|-------|----------|
| TS85MPHP5 | #1 | 5 | 15.1 | 1/4 inch |
| TS85MPHP17 | #2 | 17 | 51.5 | 1/4 inch |
| TS85MPHP40 | #7 | 40 | 121.1 | 1/4 inch |
| TS85MPHP5-3 | #1 | 5 | 15.1 | 3/8 inch |
| TS85MPHP17-3 | #2 | 17 | 51.5 | 3/8 inch |
| TS85MPHP40-3 | #7 | 40 | 121.1 | 3/8 inch |