

# 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