

## .33 hp (.25 kW) M Series Pump Models



Model	Nominal Ratio	Maximum Working Pressure <small>Consult chart on page 6 for more information regarding continuous/intermittent pressures.</small>	Displacement per Cycle
M, MDSTV	-5	625 psi (43 bar)	.83 cu in (13.6 ml)
M, MS	-7	900 psi (62 bar)	.6 cu in (9.8 ml)
	-12	1500 psi (103 bar)	.36 cu in (5.9 ml)
M, MS, 29723*	-21	2600 psi (179 bar)	.2 cu in (3.3 ml)
	-36	4500 psi (310 bar)	.12 cu in (2.0 ml)
	-71	8800 psi (607 bar)	.06 cu in (1.0 ml)
	-110	13500 psi (931 bar)	.039 cu in (0.6 ml)
	-188	15000 psi (1034 bar)	.023 cu in (.4 ml)
MS	-220	25000 psi (1723 bar)	.021 cu in (.34 ml)

\*Note: 29723 series rated to 10,000 psi (690 bar) maximum (ratios -110 and -188)

### Key Features

- Choice of 6 models, 9 ratios, 27 possible combinations
- Flows to 2 gpm (7.5 l/min)
- Choice of wetted materials
- Single air head
- Drive pressure 25 to 125 psi (1.8 to 9 bar)
- Pressures to 25,000 psi (1724 bar)
- All Hydraulic fluids, water (plain or DI), solvents, mild chemicals, liquefied gases

*For service codes, see page 17.  
For weights and dimensions, see page 18.*

### Optional Modifications

Number	Description
-HP	Hand pump attachment (with handle). Provides manual operation of pump for precision pressure control or use without air power
26220-2	Hand pump attachment kit.
29002	Viton air drive.
51331	EPR seals for liquid section for 29723-XX ratio pumps.
51788	Piped exhaust – standard. Provides connection ports for drive and pilot exhausts. Enables under tank top mounting and/or natural gas drive.
51794	Piped exhaust – sour gas. With hand pump (HP).
51794-2	Piped exhaust – sour gas. Without hand pump (HP).
53175	Level II cleaning.
53304	High pressure outlet port. Fits ¼" O.D. high pressure threaded and coned tube.
53935	Low temperature drive. Enables operation down to 5°F. Some sacrifice of seal life at normal temperature. M or MS series.
57905	No return spring. Provides improved fill on suction stroke pumping liquefied gases by utilizing the inlet pressure. Only available on M and MS series.
59888	Cycle timer installed.
80103	Noise reduction kit fitted.
82367	SS trim for 1/3 hp drive