



SERIES PS MODEL PSM

MEGGA **Series PS** model PSM Multi-stage is designed for dependable performance and rugged continuous duty service. When application requirements demand superior materials and performance in a vertical in-line multi-stage design, choose the MEGGA **Series PS** PSM Multi-stage.



FEATURES:

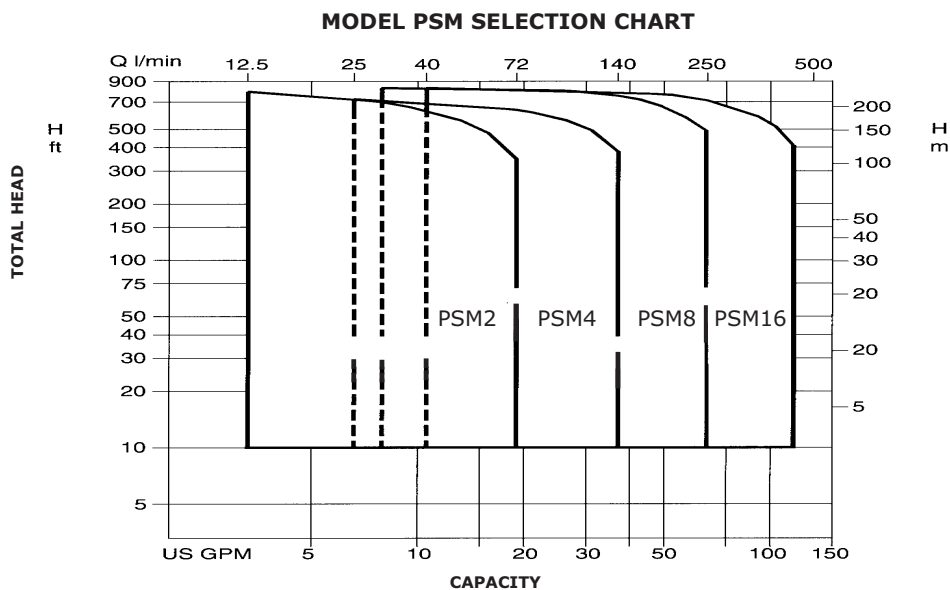
Bulge formed, not stamped, from quality 304 stainless steel results in a strong fabrication and excellent resistance to corrosion.

Popular close-coupled in-line design saves space and simplifies installation.

Built-in thrust bearing, on units 3 HP and larger, eliminates all thrust loading on motor bearings, requires no shaft adjustment after assembly and allows for the use of standard NEMA TC frame motors.

Casing cover air vent is properly placed to evacuate air from seal chamber.

Multi-stage design for high pressure, low flow applications.



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SERIES PS
Specifications
MODEL - PSM

	Standard	Optional
Size Suction Discharge	ANSI 250 lb 1¼" for 4 bolt flange for EVMU 2 and 4 2" for 8 bolt flange for EVMU 8 and 16 1¼" for EVMU 2 and 4 2" for EVMU 8 and 16	
Range of HP	½ HP to 25 HP	
Range of Performance Capacity Head	4 to 118 GPM at 3450 RPM 27 to 825 feet at 3450 RPM	
Liquid handled Type of liquid Temperature Working pressure	Clean water 5° to +248°F (-15° to 120°C) 230/360 PSI (16/25 Bar)	
Materials Impeller (closed centrifugal) Intermediate casing Bottom casing Casing cover Outer casing Shaft Liner ring Shaft seal Motor bracket Base Bearing	AISI 304L AISI 304L AISI 304L AISI 304L AISI 304L AISI 316 EPDM/AISI 304L Mechanical – Silicon-Carbon-FPM Cast iron Cast iron Sealed ball bearing / tungsten carbide	
Direction of Rotation	Clockwise when viewed from motor end	
Motor Type Speed Three Phase Motor Casing	NEMA C / TC frame 60 Hz, 3450 RPM (2 poles) 208-230/460V , 575V Aluminum	
Test standard	ISO 2548 Class C	



MODEL PSM FEATURES

Standard NEMA frame motors

Direct drive pump and motor shafts are keyed for positive reliable power transmission with no adjustments.

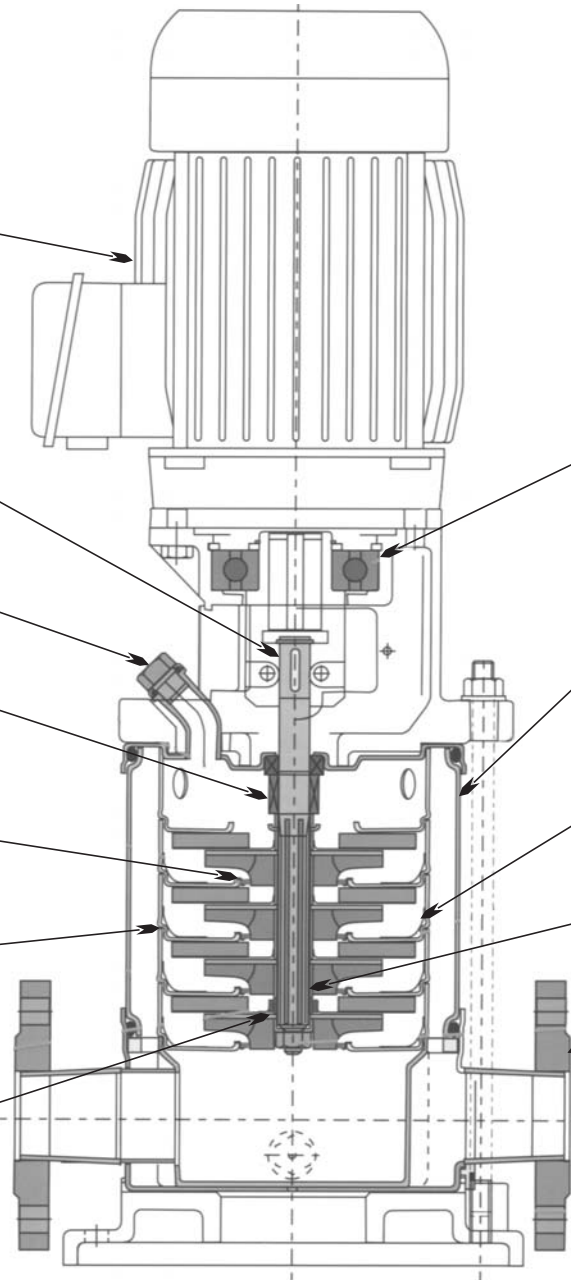
Air vent in casing allows for proper venting of air to protect against vapor lock and seal dry run.

Mechanical seal features durable long wearing Silicon Carbide vs. Carbon faces with Viton elastomers.

Liner ring is a self-aligning, floating device constructed of EPDM/SS that increases impeller efficiency and protects casing from wear.

Positive sealing O-rings between intermediate casings provide positive sealing and easy disassembly.

Tungsten Carbide lower shaft bearing provide long life in a variety of services.



Built in thrust bearing on 3 HP and larger pumps eliminates axial loading on motor bearing.

Floating outer casing provides flexibility to deal with thermal expansion in hot fluid applications and deformation from pressure fluctuations.

Dish shaped insert in the base of the intermediate casing produces smooth liquid flow and reduces erosion from localized turbulence and high velocities.

Square edged splined shaft provides positive location and drive of impellers, eliminating wear from sliding surfaces.

Dimensions and flanges are to market standards for easy upgrade of existing installations.