

PD 500

500 SERIES • SANITARY ROTARY PD PUMP

CERTIFICATIONS
3-A | FDA

PERFORMANCE AT-A-GLANCE

176.8 gal/min 669 L/min MAX CAPACITY	800 rpm MAX SPEED	22.1 gal/100 rev DISPLACEMENT	300 psi 21.1 kgf/cm ² MAX PRESSURE *	1,000,000 cps (max) MAX VISCOSITY
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CONSTRUCTION & MATERIALS

Seal Options	Elastomer Materials	Housing Materials	Rotor Materials
• Single Mechanical Seal • Single Flushed Mechanical Seal • Double Mechanical Seal • Single O-Ring • Double O-Ring • Double O-Lip	• Viton • EPDM • Teflon Encapsulated Viton • FFKM • USP Options Available • Aflas	• Fully Machined 316 Stainless Steel Rotor Housing • Hastelloy Rotor Housing • Fully Machined 316 Stainless Steel Bearing Housing • Aluminum Bearing Housing	• Polyflex • N-60 Stainless • DuraCore • Hastelloy

SPECIFICATIONS

Max Temperature *	Connection Size	Net Weight	Surface Finish
401 °F 205 °C	2.5"	226 lb / 103 kg	32 Ra standard 15 Ra & 20 Ra available

OPTIONS & CONFIGURATIONS

Jacketed Rotor Housing & Cover	Drain Port Housing Cover	PRV Cover
Select Front Loaded Seals	Swing Arm	Food First Design
Select Coatings Available		

* Maximum pressure and temperature ratings are based on Class E rotors. • Weight includes stainless steel bearing housing.