

Appendix A—Model Number and Identification Code for Strainer and Air Operated Valve (AOV)

Strainer Assembly¹

Strainer assembly	Seal Material	Strainer Assy. Part Number
	Viton® ² (standard)	5422-XD
	Buna-N (optional)	5422-XA

¹Strainer Assembly ordered by Part Number when not assembled to the pump.

²Viton® is a registered trademark of the Dupont company.

Air Operated Valve Assembly (AOV)

Air Operated Valve (AOV)	For Pump Models	AOV Part Number
	PZ7	5470-X
	PZ10	5462-X

Appendix B—Technical Specifications for PZ7 and PZ10

Operating Specifications

Standard connections:	2" or 2-1/2" NPT
Optional connections:	2" or 2-1/2" Slip-on weld, BSPT
Maximum differential pressure:	125 psid (8.6 bar)
Operating temperature range:	Up to 300°F (149°C)
Maximum working pressure:	200 psi (13.8 bar)
Maximum speed:	800 RPM
Fluids:	For refined petroleum products and industrial solvents

Material Specifications

Part	Model	Material
Case	All	Ductile iron ASTM A536
Head	All	Ductile iron ASTM A536
Flanges	All	Ductile iron ASTM A536
Rotor	All	Ductile iron ASTM A536
Bearing cap	All	Ductile iron ASTM A536
Sideplates	All	Cast iron Class 30
Vanes & vane drivers	All	Advanced polymer
By-pass valve	All	17-4 PH Stainless steel
By-pass spring	All	Steel
Seal seat	All	Cast iron (standard), Stainless steel and Ni-Resist (optional)
Seal metal parts	All	Steel
Shaft	All	8620 steel
Thrust bearing	All	Steel
O-rings	All	Viton® ¹ (standard), Buna-N (optional)

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