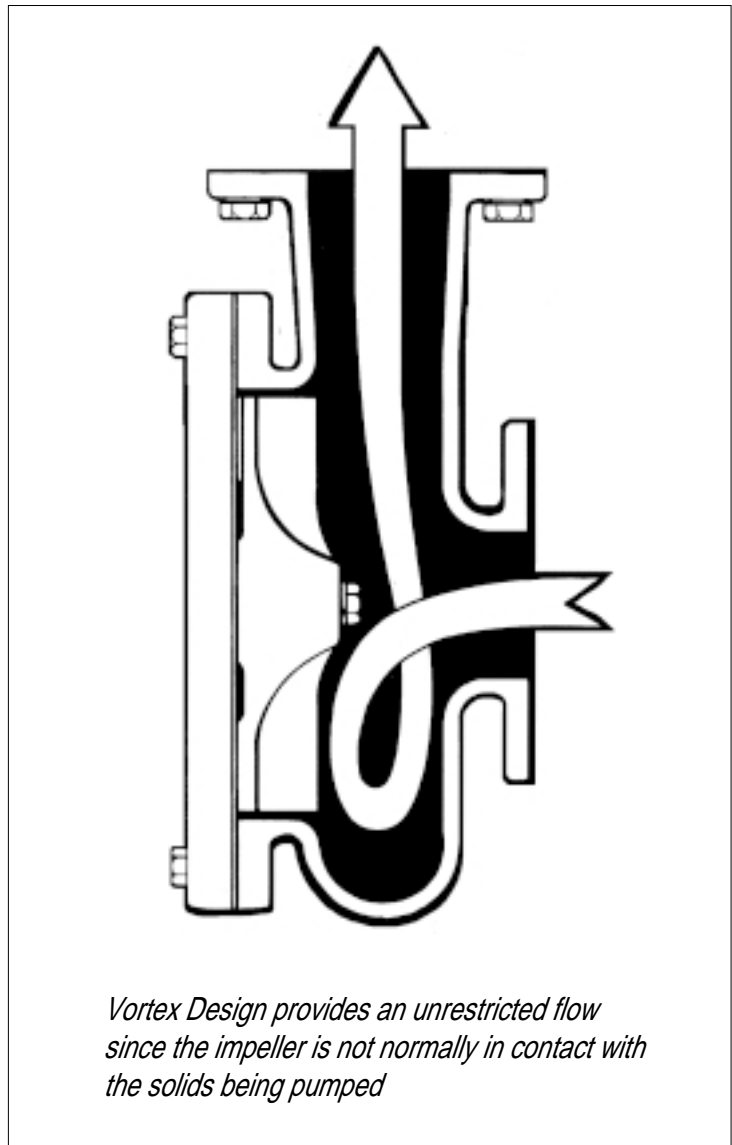


**Standard**

- All iron construction
- 416 stainless steel shaft
- Fully recessed impeller
- Back pull-out design
- Packed stuffing box or mechanical seal
- External impeller adjustment
- Heavy duty power frame
- Regreaseable ball bearings
- Flanged suction and discharge on all sizes
- Flexible coupling
- Steel mounting base

**Options**

- 316 stainless steel shaft
- 316 stainless steel impeller
- All 316 stainless steel, Alloy 20
- Teflon® packing (standard in s.s. and alloy units)
- Single or double mechanical seal (various materials)
- Product or fresh water flush to packing or mechanical seal
- Oil lubricated bearings with sight level indicator
- Coupling guard (recommended)
- ODP, TEFC, XP motors
- Steam turbine drive
- Diesel or gasoline engine drive



*Vortex Design provides an unrestricted flow since the impeller is not normally in contact with the solids being pumped*

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	<b>Design Details</b>	<b>Model 1520</b>	<b>Model 1524</b>
<b>Pump Shaft</b>	Rotation from driver end	CW	CW
	Diameter through stuffing box	1.250	1.500
	Diameter between bearings	1.750	1.750
	Diameter at coupling end	1.250	1.250
	Coupling key - square	0.250	0.250
	Bearing centers	6.692	6.692