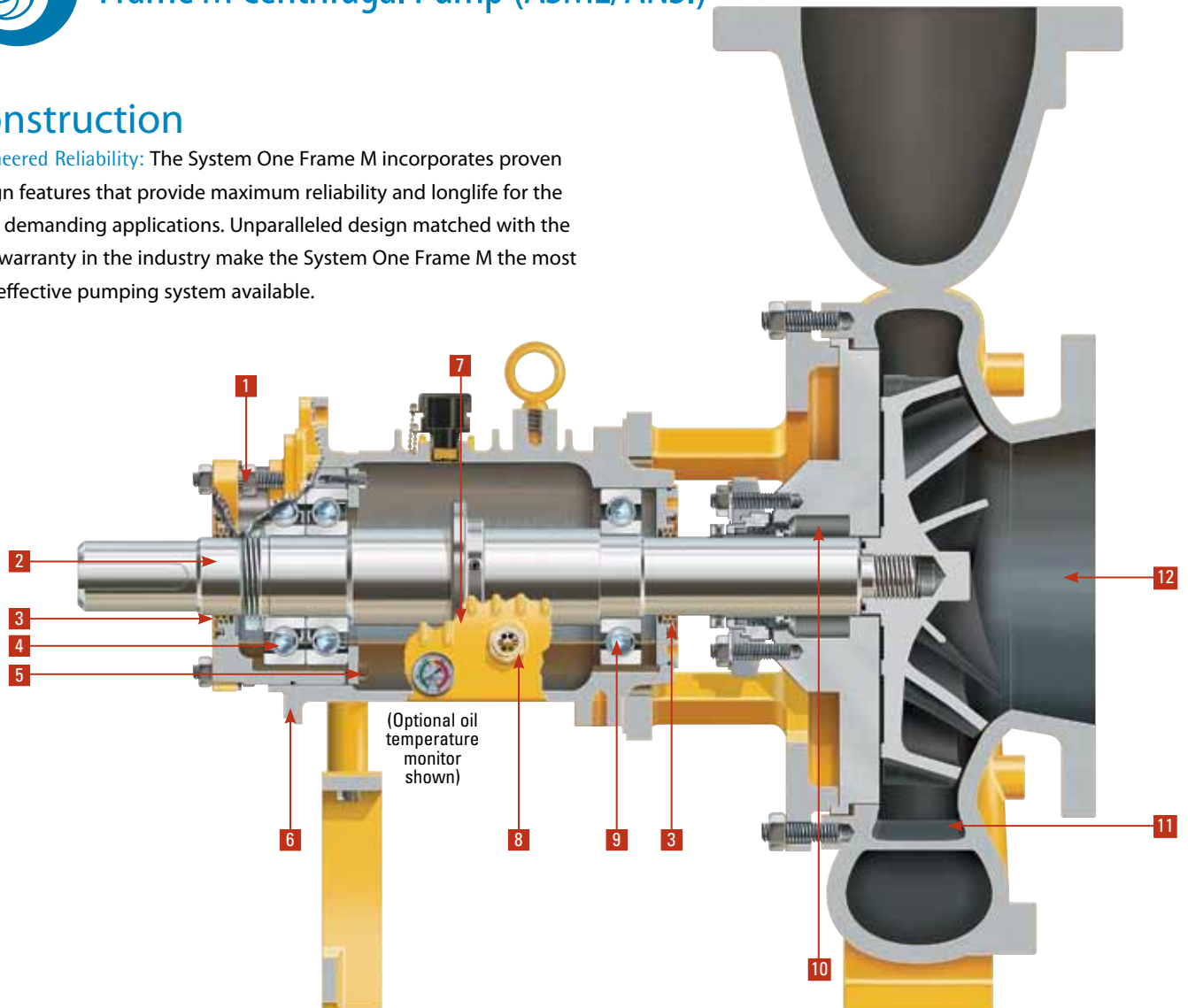




Frame M Centrifugal Pump (ASME/ANSI)

Construction

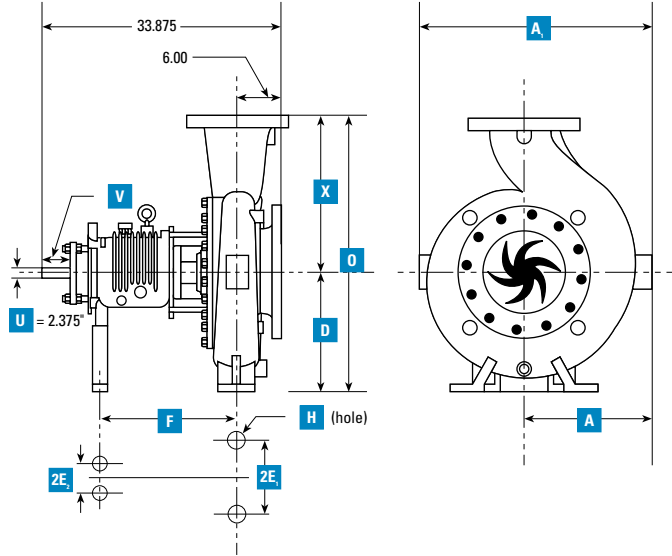
Engineered Reliability: The System One Frame M incorporates proven design features that provide maximum reliability and longlife for the most demanding applications. Unparalleled design matched with the best warranty in the industry make the System One Frame M the most cost effective pumping system available.



- 1** Micrometer adjustment nuts fine tune impeller setting for maximum efficiency.
- 2** Solid shaft (no sleeve) with L^3/D^4 ratio of 19 is the lowest for any process pump in this size range.
- 3** Non-wearing labyrinth seals provide unparalleled protection of oil and bearings.
- 4** Ultra-high capacity angular contact thrust bearings (7314 pair) provide shaft rigidity and eliminate axial movement even during off BEP operation.
- 5** Bolted retainer cover provides positive clamping of thrust bearing and prevents axial shaft movement.
- 6** Rabbet for C-Frame (NEMA) motor adaptor provides for automatic mechanical motor alignment without special tools or excessive labor. Accepts motor frame sizes up to 449TSC.
- 7** Cast-in cooling fins and large oil reservoir enhance heat transfer and promote oil cooling. Finned cooling coil available for high temperature applications.
- 8** Large oil sight glass enables instant analysis of oil level and condition.
- 9** Oversized radial bearing (6314) provides greater load carrying capabilities and extended bearing life in even the harshest conditions.
- 10** Large volume seal chamber provides proper cooling and lubrication to seal faces. Accepts all standard mechanical seals. Throat bushing options include carbon, polyurethane or SpiralTrac¹.
- 11** Double volute construction reduces hydraulic forces within the casing thus lowering radial load on the shaft and bearings.
- 12** High efficiency wet ends help reduce energy costs.

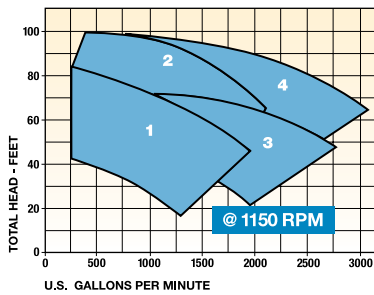
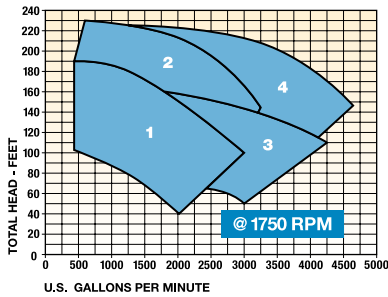
¹ SpiralTrac is a registered trademark of the manufacturer, EnviroSeal Engineering Products Ltd., Waverly, Nova Scotia.

Frame M Pump ASME/ANSI

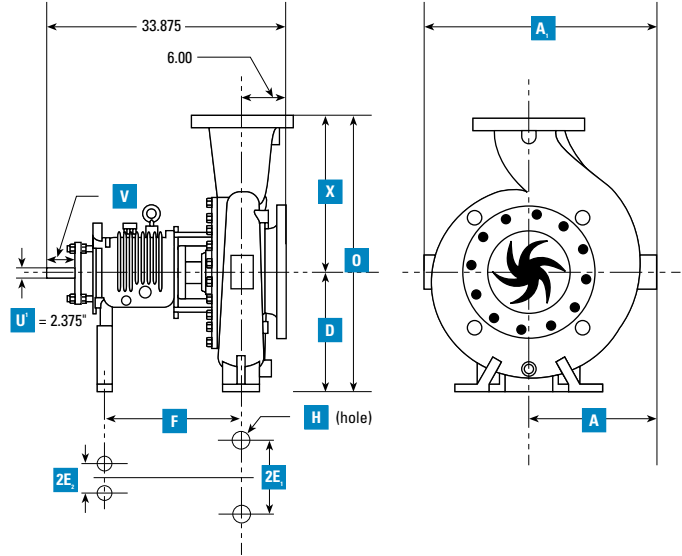


	Pump Size	A ₁	A	D	2E ₁	2E ₂	F	H	O	V	X
1	6 x 8-13	25.50	14.00	14.50	16.00	9.00	18.75	0.875	30.50	4.00	16
2	6 x 8-15	27.25	14.75	14.50	16.00	9.00	18.75	0.875	32.50	4.00	18
3	8 x 10-13	27.25	15.25	14.50	16.00	9.00	18.75	0.875	32.50	4.00	18
4	8 x 10-15	28.75	15.75	14.50	16.00	9.00	18.75	0.875	33.50	4.00	19

All dimensions are in inches.

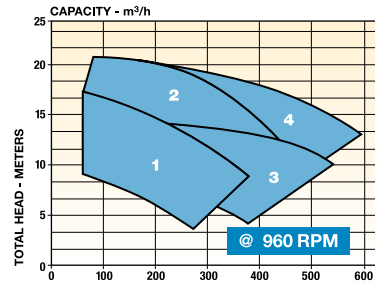
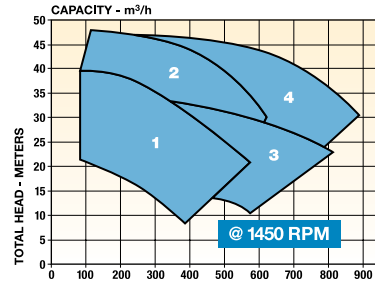


Frame M Pump METRIC



	Pump Size	A ₁	A	D	2E ₁	2E ₂	F	H	O	V	X
1	150 x 200-330	648	356	368	406	229	476	22	775	102	406
2	150 x 200-380	692	375	368	406	229	476	22	826	102	457
3	200 x 250-330	692	387	368	406	229	476	22	826	102	457
4	200 x 250-380	730	400	368	406	229	476	22	851	102	483

All dimensions are in millimeters. ¹ Dimension is in inches.



- Optional centerline mount for high temperature applications
- Optional left or right side discharge
- Optional vertical mount configuration - contact factory for special quotation

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