

VERTICAL TURBINE FIRE PUMP 2000 GPM | 10×15H | PERFORMANCE CURVE

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PUMP DATA

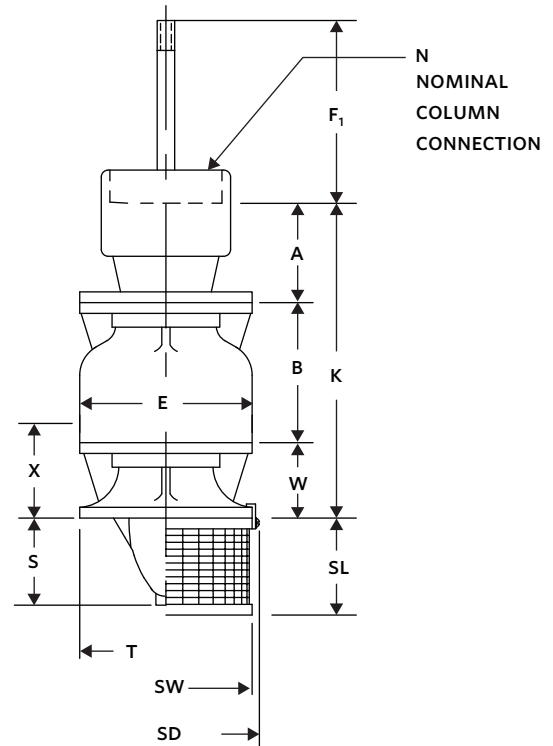
Thrust constant: 17.3 (K)
Shaft diameter: 2¼" max.
Sphere: 1¼"
w.R.²/stage: 3.898 lb.ft.²
Axial clearance: 7/8"
Head (std. constr.): 698 ft

Balanced: N/A
Min. subm.: 32" imp.*
Weight: 30.7 lbs std.
Eye area: 43.4 sq.inches max.
Specific speed: 2815 IN₃

NOTES

- Add 'B' for additional stage.
- 'x' is the distance from the lip of bell to the first impeller centerline.
- Add 2" to 'J' and 'c' when suction is larger or smaller than standard.
- Performance indicated is based on cold water with a specific gravity of 1.0.
- The performance shown is based on pump tests conducted in accordance with the Hydraulic Institute Standards with standard materials of construction.

* Minimum submergence over lip of bell from 0 to 150% of rated flow.



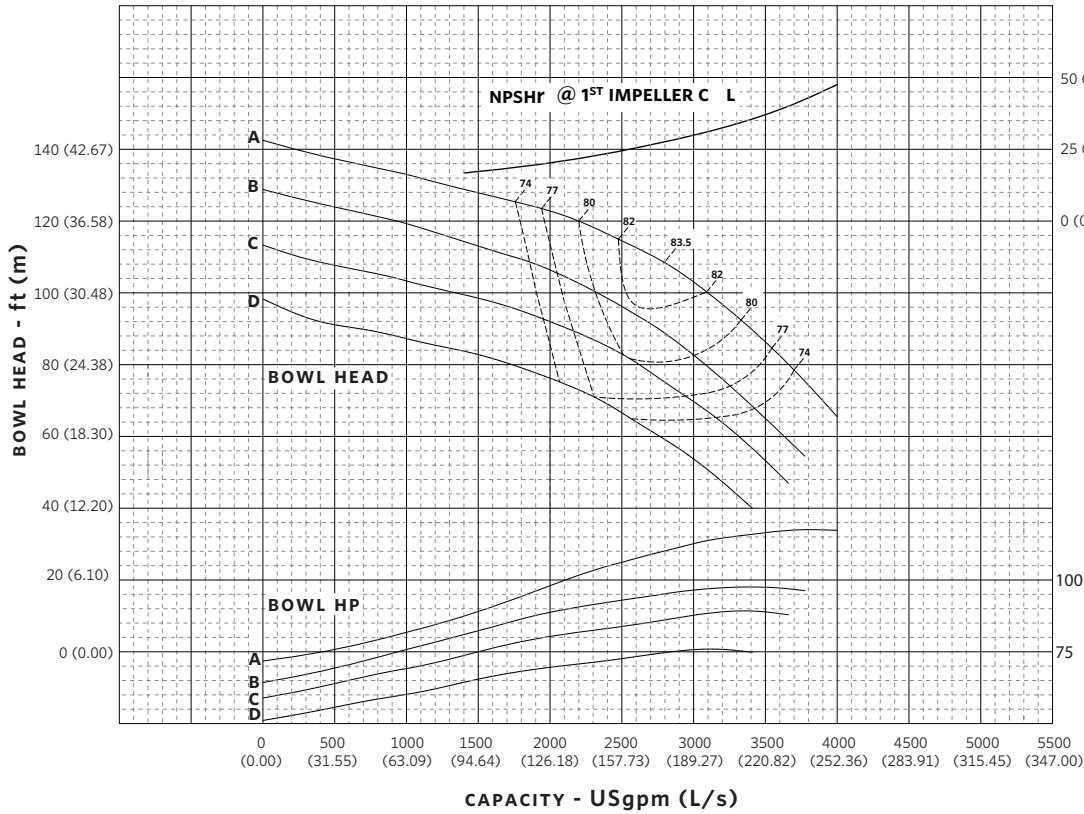
OPEN LINE SHAFT
W/SUCTION BELL

DIMENSIONS AND WEIGHTS

A	B	E	F ₁	F ₂	K	N	S	T	W	X	SD	SL	SW
10.25	13.50	14.88	12.00	16.00	30.75	10.00	6.31	15.00	7.00	7.00	15.75	10.00	15.00
(260)	(343)	(378)	(305)	(406)	(781)	(254)	(160)	(381)	(178)	(178)	(400)	(254)	(381)

Dimensions in inches (mm). Weights are in lbs (kg).

PRE STAGE PERFORMANCE CURVES



Curve
2000 GPM Fire pump

FM approved
Range - 146' to 485'

u.L. listed
Range - 155' to 485'

Size
10X15H VTF

RPM
1800

Impeller
Enclosed type
Bronze

Bowl
Cast iron enamel

A: 10.764 full dia
B: 10.125 dia
C: 9.500 dia
D: 8.849 dia

TORONTO
+1 416 755 2291

BUFFALO
+1 716 693 8813

BIRMINGHAM
+44 (0) 8444 145 145

MANCHESTER
+44 (0) 8444 145 145

BANGALORE
+91 (0) 80 4906 3555

SHANGHAI
+86 21 3756 6696