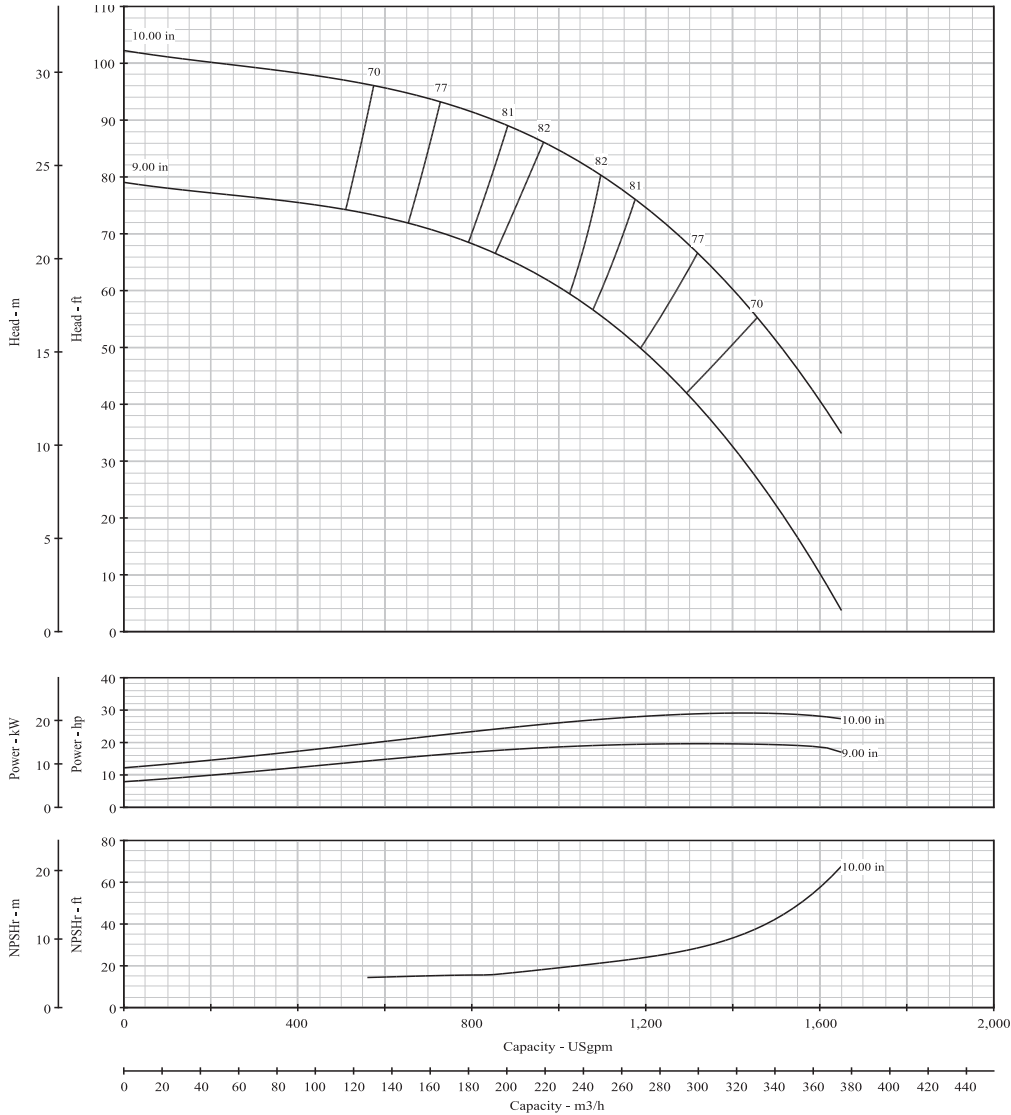
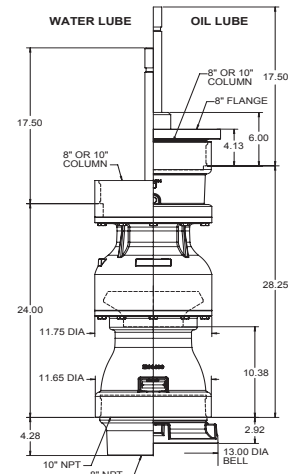


NO. STAGES	EFF.	12VT1100 CLOSED IMPELLER 1770 RPM <small>SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.</small>
1	-2	
2	-1	
3	0	
4	0	



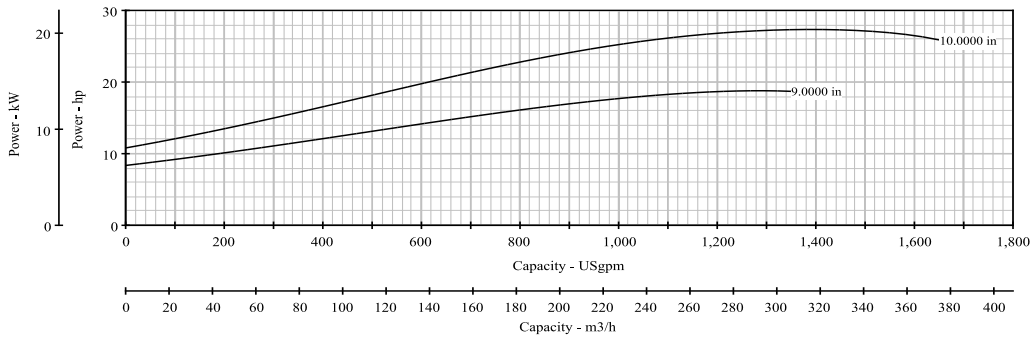
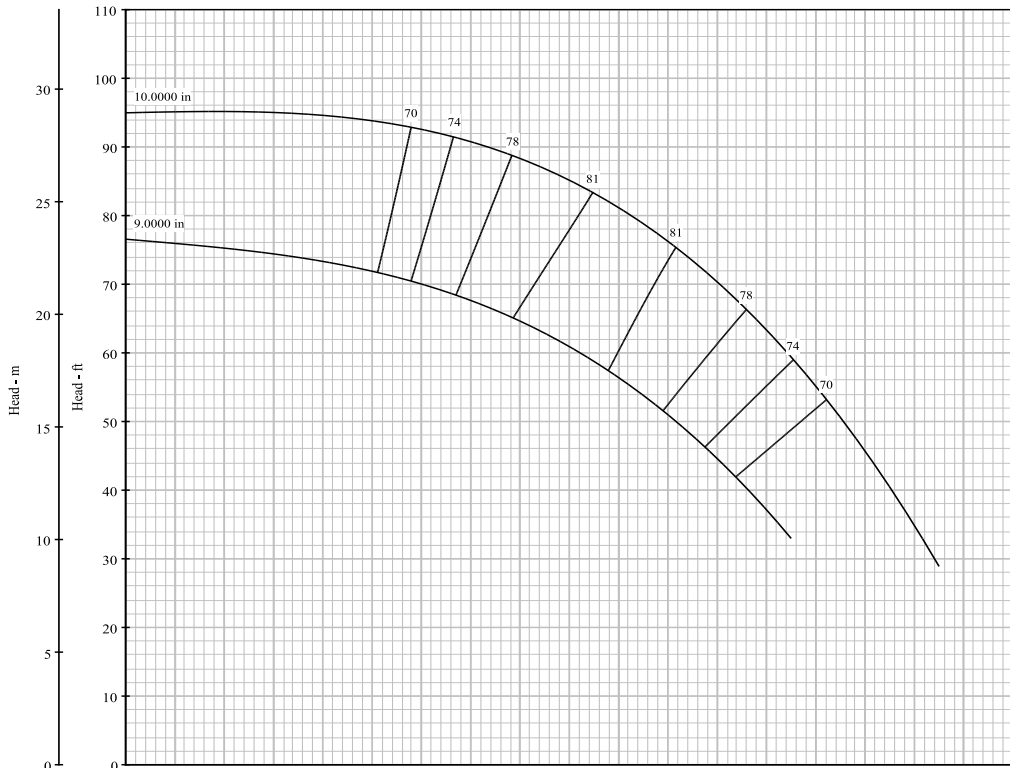
Maximum Operation Speed - RPM	1800	Maximum Sphere Size - inch	0.81
Pump Shaft Diameter - inch	1.687	Thrust Factor - Kt	7.16
Bowl Weight, 1st Stg W/L - lbs	196	WR2	1.06
Bowl Weight, 1st Stg O/L - lbs	244	Running Position (Above Seat) - inch	0.200
Bowl Weight, Ea. Add Stage - lbs	92	Submergence - inch	34
Allowable Shaft Stretch - inch	1.28	Max Bowl Brg Clearance - in. dia	0.014
Std Max Working Pressure - PSI	400	Max Wear Ring Clearance - in. dia	0.015
Optional Max Working Pressure - PSI	700	Max Bowl O.D. - inch	11.75
Impeller Eye Area - Sq. In	21.6	Suction Bell O.D. - inch	13
Rotor Weight 1st/add stages - lbs	28	Standard Max Number Stages	9
Additional Length Per Stage - inch	10.5	Optional Max Number Stages	16
Discharge Thread Column - inch	8 or 10	Suction Threads NPT - inch	8 or 10



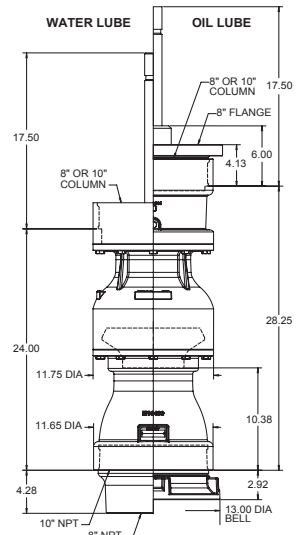
NO. STAGES	EFF.
1	-2
2	-1
3	0
4	0

12VT1100K SEMI-OPEN IMPELLER 1770 RPM

SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.



Maximum Operation Speed - RPM	1800	Maximum Sphere Size - inch	0.81
Pump Shaft Diameter - inch	1.687	Thrust Factor - Kt	13.11
Bowl Weight, 1st Stg W/L - lbs	196	WR ²	0.51
Bowl Weight, 1st Stg O/L - lbs	244	Running Position (Above Seat) - inch	0.015
Bowl Weight, Ea. Add Stage - lbs	92	Submergence - inch	34
Allowable Shaft Stretch - inch	1.28	Max Bowl Brg Clearance - in. dia	0.014
Std Max Working Pressure - PSI	400	Max Wear Ring Clearance - in. dia	N/A
Optional Max Working Pressure - PSI	0	Max Bowl O.D. - inch	11.75
Impeller Eye Area - Sq. In	21.6	Suction Bell O.D. - inch	13
Rotor Weight 1st/add stages - lbs	22.4	Standard Max Number Stages	9
Additional Length Per Stage - inch	10.5	Optional Max Number Stages	0
Discharge Thread Column - inch	8 or 10	Suction Threads NPT - inch	8 or 10



293 Wright Street | Delavan, WI 53115 | pentair.com/berkeley

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

©2023 Pentair. All Rights Reserved.

B11732BK (06-15-23)