

# Model 1100S

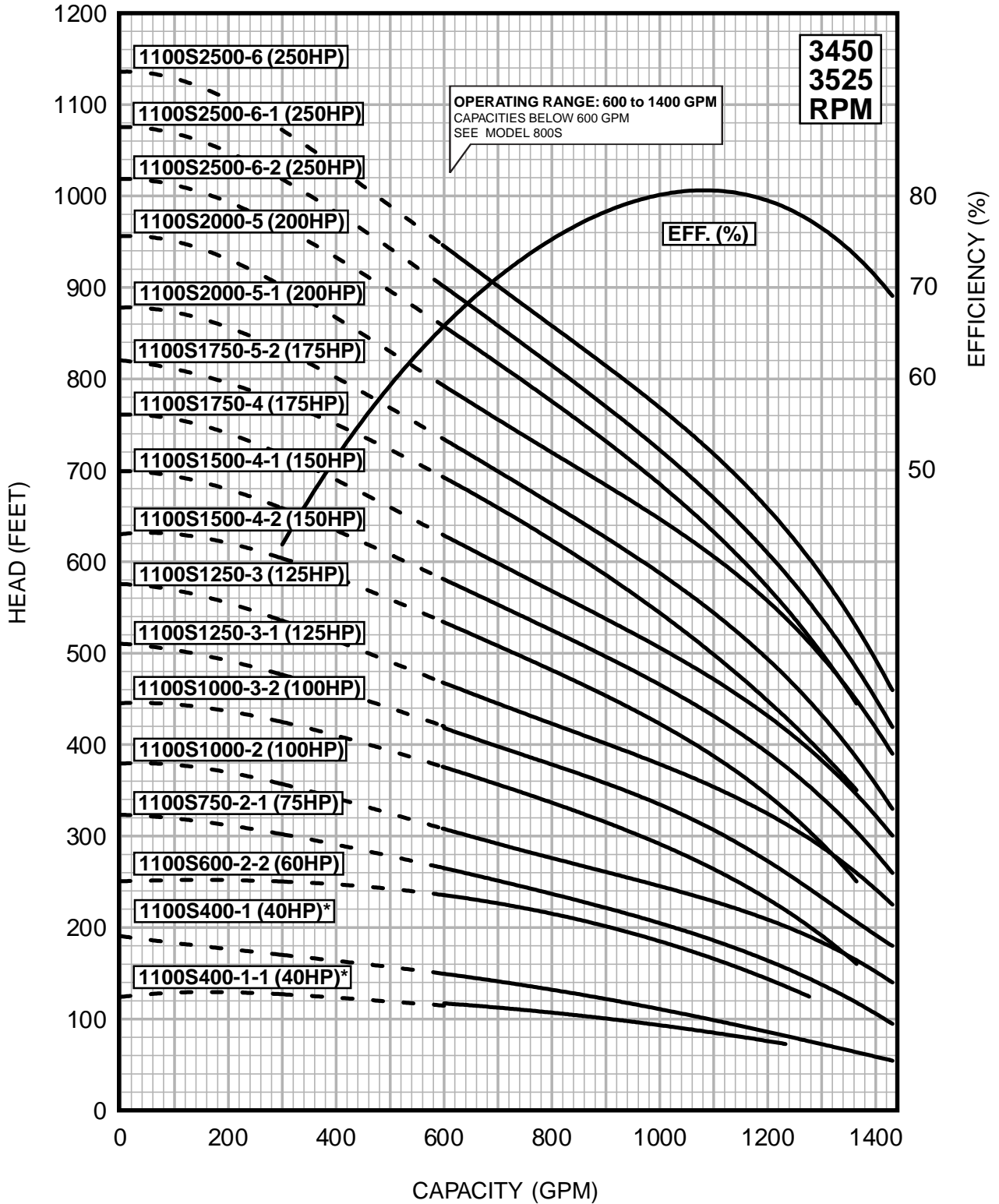
# 1100 GPM

# Performance Curves

FLOW RANGE: 600 -1400 GPM

OUTLET SIZE: 6 " NPT

NOMINAL DIA. 10"



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
6" MOTOR STANDARD, 40 HP/3450 RPM.  
8" MOTOR STANDARD, 60-200 HP/3525 RPM.  
10" MOTOR STANDARD, 250 HP/3500 RPM.  
\* Alternate motor sizes available.

Performance conforms to ISO 2548 Annex B  
@ 10 ft. min. submergence.

## DIMENSIONS AND WEIGHTS

MODEL NO.	FIG.	HP	MOTOR SIZE	DISCH. SIZE	DIMENSIONS IN INCHES					APPROX. SHIP WT.
					A	B	C	D	E	
1100S400-1-1*	A	40	6"	6" NPT	62.9	35.7	27.2	5.4	9.5	298
1100S400-1*	A	40	6"	6" NPT	68.0	40.8	27.2	5.4	9.5	300
1100S600-2-2*	A	60	8"	6" NPT	79.9	45.8	34.1	7.5	9.5	500
1100S750-2-1	A	75	8"	6" NPT	84.9	50.8	34.1	7.5	9.5	580
1100S1000-2	A	100	8"	6" NPT	92.9	58.8	34.1	7.5	9.5	685
1100S1000-3-2	A	100	8"	6" NPT	99.9	58.8	41.1	7.5	9.5	789
1100S1250-3-1	A	125	8"	6" NPT	109.9	68.8	41.1	7.5	9.5	869
1100S1250-3	A	125	8"	6" NPT	109.9	68.8	41.1	7.5	9.5	874
1100S1500-4-2	A	150	8"	6" NPT	125.7	77.8	47.9	7.7	9.5	984
1100S1500-4-1	A	150	8"	6" NPT	125.7	77.8	47.9	7.7	9.5	989
1100S1750-4	A	175	8"	6" NPT	133.7	85.8	47.9	7.7	9.5	1098
1100S1750-5-2	A	175	8"	6" NPT	140.7	85.8	54.9	7.7	9.5	1104
1100S2000-5-1	A	200	8"	6" NPT	149.7	94.8	54.9	7.7	9.5	1221
1100S2000-5	A	200	8"	6" NPT	149.7	94.8	54.9	7.7	9.5	1226
1100S2500-6-2**	A	250	10"	6" NPT	141.4	79.5	61.9	8.9	10.9	1241
1100S2500-6-1**	A	250	10"	6" NPT	141.4	79.5	61.9	8.9	10.9	1246
1100S2500-6**	A	250	10"	6" NPT	141.4	79.5	61.9	8.9	10.9	1251

NOTES: All models suitable for use in 10" wells, unless equipped with 10" motor.  
Weights include pump end with motor in lbs.

\* Alternate motor sizes available.

\*\* Designed to fit Hitachi® Motors.

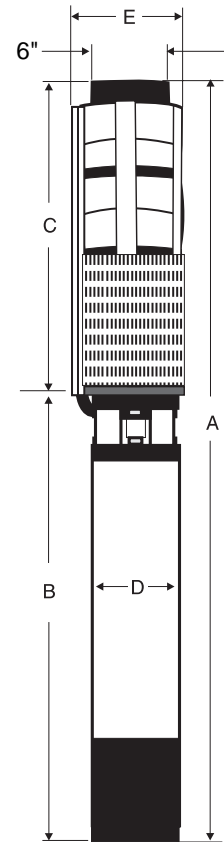
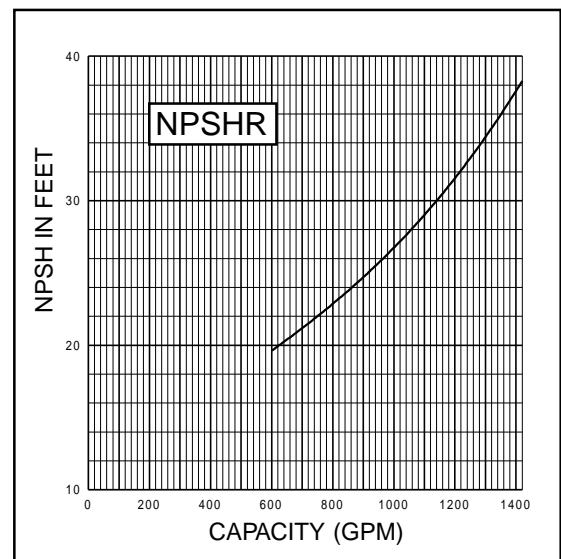


Fig. A

## MATERIALS OF CONSTRUCTION

COMPONENT	CYLINDRICAL SHAFT
Check Valve Housing	304 Stainless Steel
Check Valve	304 Stainless Steel
Diffuser Chamber	304 Stainless Steel
Split Cone Nut	304 Stainless Steel
Split Cone	304 Stainless Steel
Impeller	304 Stainless Steel
Suction Interconnector	304 Stainless Steel
Inlet Screen	304 Stainless Steel
Straps	304 Stainless Steel
Cable Guard	316 Stainless Steel
Coupling	329/416 Stainless Steel
Coupling Key	302/304 Stainless Steel
Pump Shaft	431 Stainless Steel
Intermediate Bearings	NBR
Impeller Seal Ring	NBR/304 Stainless Steel
Check Valve Seat	NBR/316 Stainless Steel
Top/Lower Bearing	NBR/316 Stainless Steel
Upthrust Disc	Carbon/Graphite HY22

NOTES: Specifications are subject to change without notice.



# GRUNDFOS



GRUNDFOS PUMPS CORPORATION • 2555 Clovis Avenue • Clovis, CA • 93612  
 Area Centers: Allentown, PA • Atlanta, GA • Chicago, IL • Clovis, CA • Dallas, TX • Seattle, WA  
 (800) 333-1366 • FAX (800) 333-1363  
 Canada: Mississauga, Ontario • Mexico: Apodaca, N.L.