

DIMENSIONS & WEIGHTS

Model No.	Fig.	HP	Motor Size		Discharge Size	Dimensions										Approximate Shipping Wt.	
			In.	CM		A		B		C		D		E		Lbs.	Kg
85S15-1	A	1½	4	10	3" NPT	25.9	65.8	13.6	34.5	12.3	31.2	3.75	9.5	5.2	13.2	37	16.8
85S30-2	A	3	4	10	3" NPT	35.3	89.7	20.6	52.3	14.7	37.3	3.75	9.5	5.2	13.2	61	27.7
85S50-3	A	5	4	10	3" NPT	40.7	103.4	23.6	59.9	17.1	43.4	3.75	9.5	5.2	13.2	75	34.0
85S50-4	A	5	4	10	3" NPT	43.1	109.5	23.6	59.9	19.5	49.5	3.75	9.5	5.2	13.2	77	34.9
85S75-5	A	7½	4	10	3" NPT	51.5	130.8	29.6	75.2	21.9	55.6	3.75	9.5	5.2	13.2	95	43.1
85S75-6	A	7½	4	10	3" NPT	53.9	136.9	29.6	75.2	24.3	61.7	3.75	9.5	5.2	13.2	97	44.0
85S100-7	A	10	4	10	3" NPT	70.5	179.1	43.9	111.5	26.6	67.6	3.75	9.5	5.2	13.2	151	68.5
85S100-8	A	10	4	10	3" NPT	72.9	185.2	43.9	111.5	29	73.7	3.75	9.5	5.2	13.2	154	69.9
85S100-9	A	10	4	10	3" NPT	75.3	191.3	43.9	111.5	31.4	79.8	3.75	9.5	5.2	13.2	156	70.8
85S75-5	A	7½	6	15	3" NPT	46.7	118.6	24.2	61.5	22.5	57.2	5.38	13.7	5.6	14.2	135	61.2
85S75-6	A	7½	6	15	3" NPT	49.1	124.7	24.2	61.5	24.9	63.2	5.38	13.7	5.6	14.2	137	62.1
85S100-7	A	10	6	15	3" NPT	52.7	133.9	25.4	64.5	27.3	69.3	5.38	13.7	5.6	14.2	148	67.1
85S100-8	A	10	6	15	3" NPT	55	139.7	25.4	64.5	29.6	75.2	5.38	13.7	5.6	14.2	151	68.5
85S100-9	A	10	6	15	3" NPT	57.4	145.8	25.4	64.5	32	81.3	5.38	13.7	5.6	14.2	153	69.4
85S150-10	A	15	6	15	3" NPT	62.4	158.5	28	71.1	34.4	87.4	5.38	13.7	5.6	14.2	170	77.1
85S150-11	A	15	6	15	3" NPT	64.8	164.6	28	71.1	36.8	93.5	5.38	13.7	5.6	14.2	174	78.9
85S150-12	A	15	6	15	3" NPT	67.2	170.7	28	71.1	39.2	99.6	5.38	13.7	5.6	14.2	176	79.8
85S150-13	A	15	6	15	3" NPT	69.6	176.8	28	71.1	41.6	105.7	5.38	13.7	5.6	14.2	178	80.7
85S200-14	A	20	6	15	3" NPT	74.5	189.2	30.6	77.7	43.9	111.5	5.38	13.7	5.6	14.2	193	87.5
85S200-15	A	20	6	15	3" NPT	76.9	195.3	30.6	77.7	46.3	117.6	5.38	13.7	5.6	14.2	198	89.8
85S200-16	A	20	6	15	3" NPT	79.3	201.4	30.6	77.7	48.7	123.7	5.38	13.7	5.6	14.2	200	90.7
85S200-17	A	20	6	15	3" NPT	81.7	207.5	30.6	77.7	51.1	129.8	5.38	13.7	5.6	14.2	202	91.6
85S200-18	A	20	6	15	3" NPT	84.1	213.6	30.6	77.7	53.5	135.9	5.38	13.7	5.6	14.2	204	92.5
85S250-19	A	25	6	15	3" NPT	88.9	225.8	33.1	84.1	55.8	141.7	5.38	13.7	5.6	14.2	240	108.9
85S250-20	A	25	6	15	3" NPT	91.9	233.4	33.1	84.1	58.8	149.4	5.38	13.7	5.6	14.2	244	110.7
85S250-21	A	25	6	15	3" NPT	94.3	239.5	33.1	84.1	61.2	155.4	5.38	13.7	5.6	14.2	246	111.6
85S250-22	A	25	6	15	3" NPT	96.7	245.6	33.1	84.1	63.6	161.5	5.38	13.7	5.6	14.2	249	112.9
85S300-23	A	30	6	15	3" NPT	101.9	258.8	35.7	90.7	66.2	168.1	5.38	13.7	5.6	14.2	264	119.7
85S300-24	A	30	6	15	3" NPT	104.1	264.4	35.7	90.7	68.4	173.7	5.38	13.7	5.6	14.2	266	120.7
85S300-25	A	30	6	15	3" NPT	106.4	270.3	35.7	90.7	70.7	179.6	5.38	13.7	5.6	14.2	271	122.9
85S300-26	A	30	6	15	3" NPT	108.8	276.4	35.7	90.7	73.1	185.7	5.38	13.7	5.6	14.2	23	10.4
85S300-27	A	30	6	15	3" NPT	116.3	295.4	40.8	103.6	75.5	191.8	5.38	13.7	5.6	14.2	278	126.1
85S400-28	A	40	6	15	3" NPT	118.7	301.5	40.8	103.6	77.9	197.9	5.38	13.7	5.6	14.2	281	127.5
85S400-29	A	40	6	15	3" NPT	121.1	307.6	40.8	103.6	80.3	204.0	5.38	13.7	5.6	14.2	283	128.4
85S400-30	A	40	6	15	3" NPT	123.4	313.4	40.8	103.6	82.6	209.8	5.38	13.7	5.6	14.2	287	130.2
85S400-33*	B	40	6	15	3" NPT	139.7	354.8	40.8	103.6	98.9	251.2	5.38	13.7	6.9	17.5	343	155.6
85S400-36*	B	40	6	15	3" NPT	146.9	373.1	40.8	103.6	106.1	269.5	5.38	13.7	6.9	17.5	354	160.6
85S500-39*	B	50	6	15	3" NPT	171	434.3	57.8	146.8	113.2	287.5	5.38	13.7	6.9	17.5	448	203.2
85S400-33*	B	40	8	20	3" NPT	134.7	342.1	35.8	90.9	98.9	251.2	7.5	19.1	6.9	17.5	377	171.0
85S400-36*	B	40	8	20	3" NPT	141.9	360.4	35.8	90.9	106.1	269.5	7.5	19.1	6.9	17.5	390	176.9
85S400-39*	B	50	8	20	3" NPT	152	386.1	38.8	98.6	113.2	287.5	7.5	19.1	6.9	17.5	498	225.9

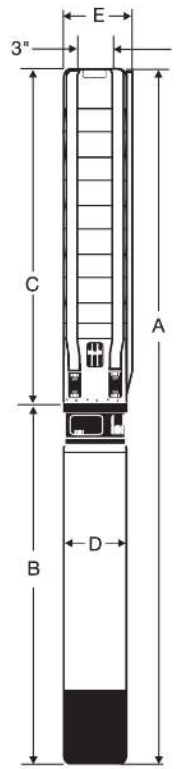


Fig. A

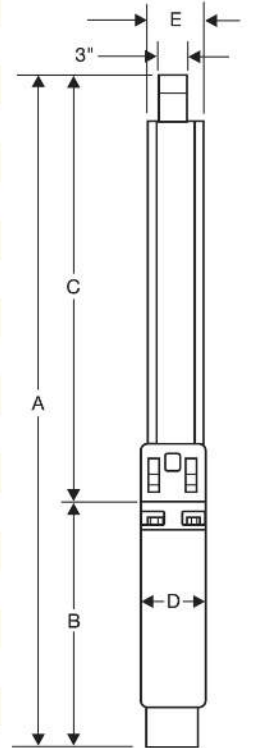


Fig. B

NOTES: All models suitable for use in 6" (15 cm) wells, unless otherwise noted. Weights include pump end with motor in lbs.

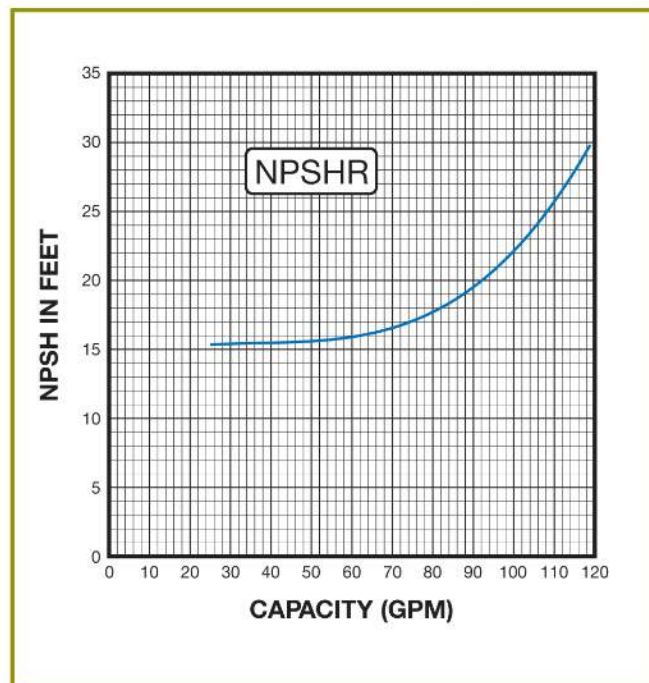
*Built into sleeve 3" NPT discharge, 8" (20 cm) minimum well diameter.

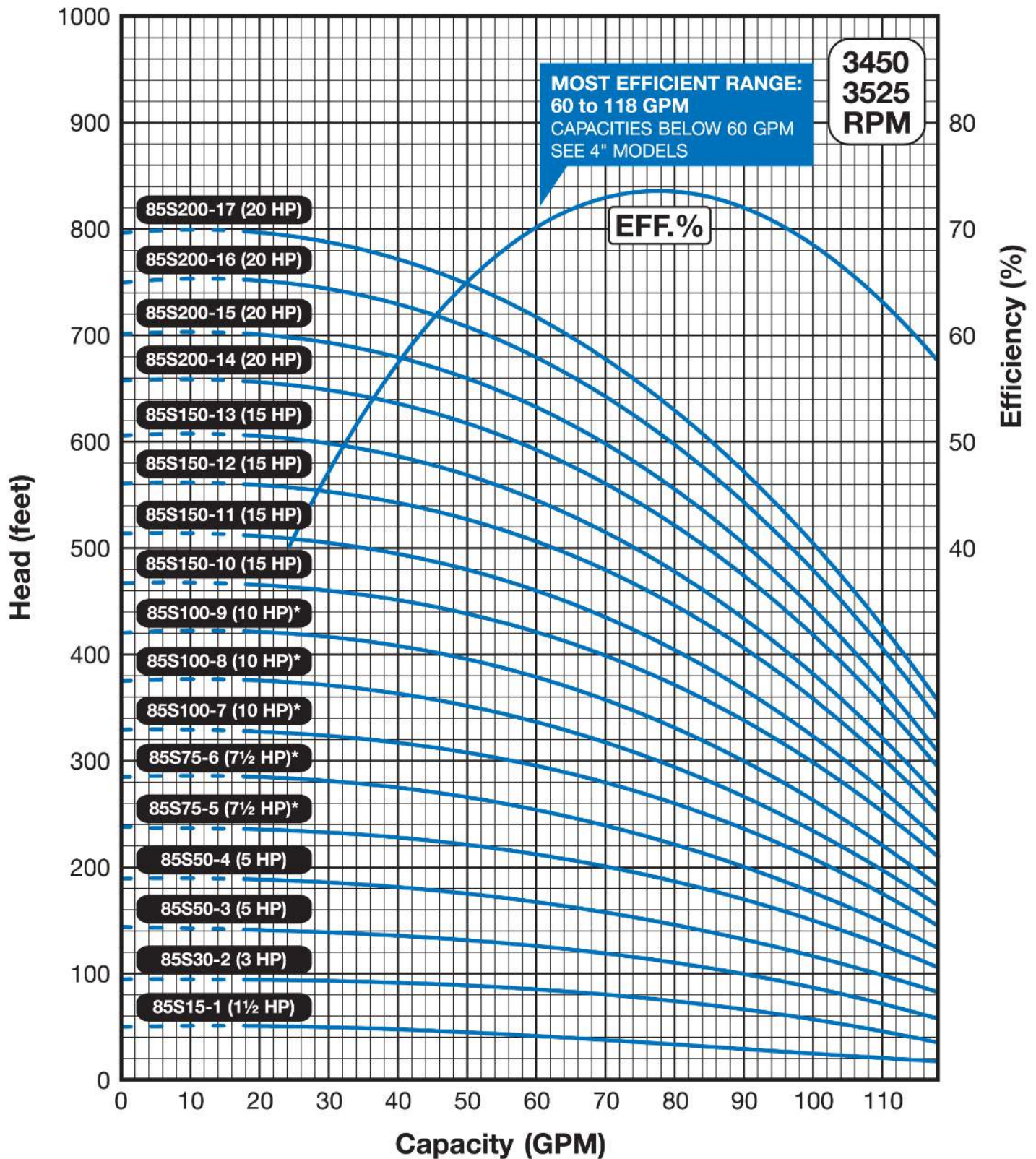


MATERIALS OF CONSTRUCTION

COMPONENT	CYLINDRICAL SHAFT (1- 39 Stgs.)
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
Seal Ring Support	304 Stainless Steel
Inlet Screen	304 Stainless Steel
Straps	304 Stainless Steel
Cable Guard	304 Stainless Steel
Priming Inducer	304 Stainless Steel
Coupling	316/329 Stainless Steel**
Pump Shaft	431 Stainless Steel
Intermediate Bearings	PTFE
Impeller Seal Ring	PTFE
Check Valve Seat	NBR/316 Stainless Steel
Uphrust Disc	Carbon/Graphite
Uphrust Stop Washer	304 Stainless Steel
8" Motor Adaptor Plate	304 Stainless Steel
Sleeve *	316 Stainless Steel
Sleeve Flange*	316 Stainless Steel

NOTES: Specifications are subject to change without notice.
 * Required for 33-39 stages.
 ** 4" Coupling made of 316 Stainless Steel





Specifications subject to change without notice.

4" motor standard, 1.5-5 HP/3450 RPM.

6" motor standard, 7.5-50 HP/3450 RPM.

* Alternate motor sizes available.

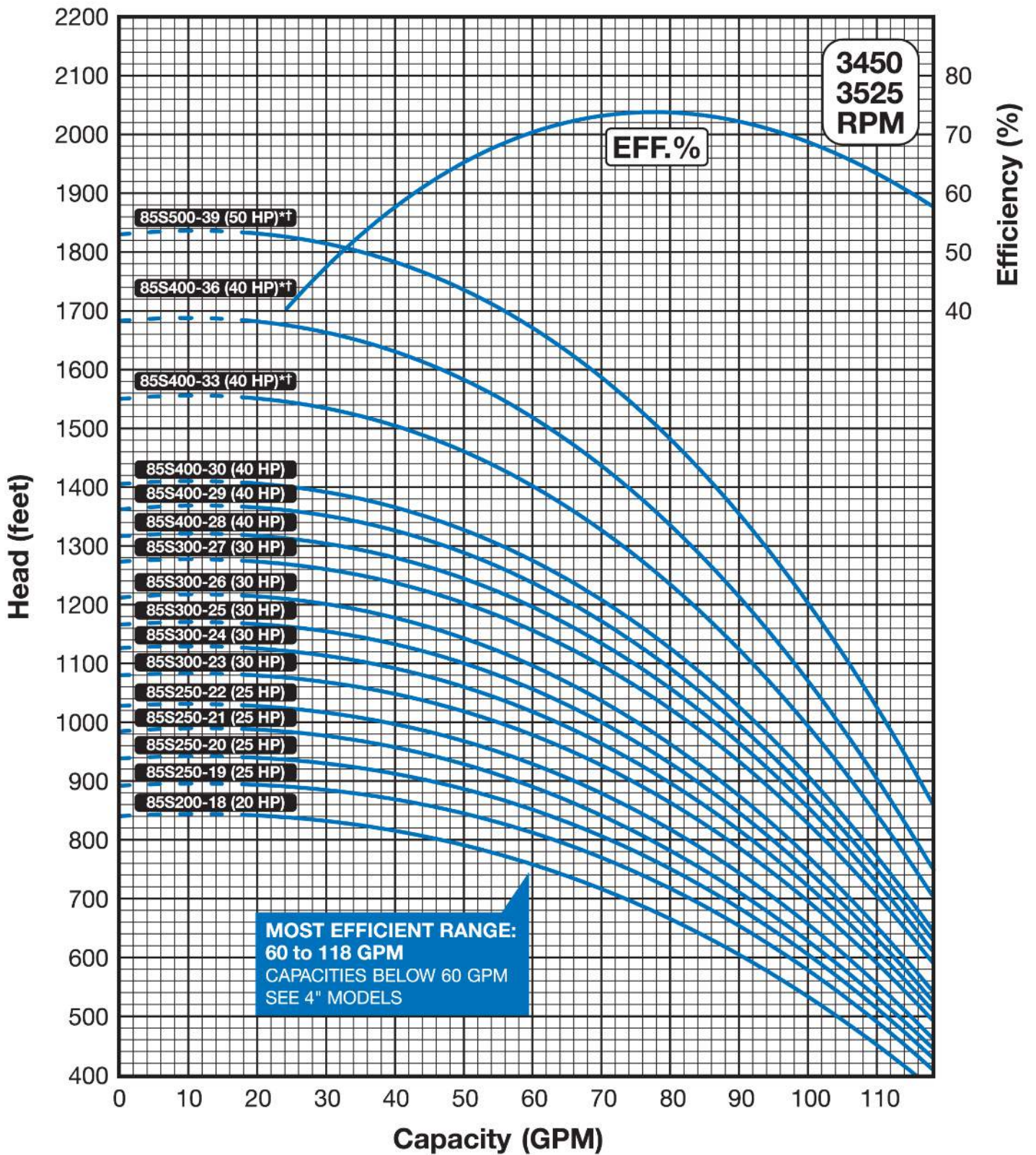
Performance conforms to ISO 9906 Annex A @ 5 ft. minimum submergence.



FLOW RANGE: 18 - 118 GPM

OUTLET SIZE: 3" NPT

NOMINAL DIA. 6"



Specifications subject to change without notice.

6" motor standard, 7.5-50 HP/3450 RPM.

* Built into sleeve 3" male NPT discharge/8" minimum well diameter.

† Alternate motor sizes available.

Performance conforms to ISO 9906 Annex A @ 5 ft. minimum submergence.

