

EVMSU Series

Vertical Multistage Pumps

Performance Curves



CONTENTS

SECTION	PAGE
PERFORMANCE RANGE	
EVMSU(L)1-20 & EVMSU(G)(L)32-90	4
EVMSU(L)N 3, 5, 10	5
SELECTION CHART	
EVMSU(L) 1, 3, 5	6
EVMSU(L) 10, 15, 20	7
EVMSU(L)N 3, 5, 10	8
EVMSU(G)(L)32, 45, 64, 90	9
PERFORMANCE CURVES	
EVMSU(L)1	10
EVMSU(L)3	11
EVMSU(L)5	12
EVMSU(L)10	13
EVMSU(L)15	14
EVMSU(L)20	15
EVMSU(L)N3	16
EVMSU(L)N5	17
EVMSU(L)N10	18
EVMSU(G)(L)32	19
EVMSU(G)(L)45	20
EVMSU(G)(L)64	21
EVMSU(G)(L)90	22



CURVE SPECIFICATIONS

The specifications below qualify the curves shown on the following pages.

- The curves refer to effective speed of 3500, or 3550 rpm for 2-pole asynchronous motors at 60 Hz, depending on model.
- Measurements were carried out with clean water at 68 °F of temperature and with a kinematic viscosity of $\nu = 1 \text{ mm}^2/\text{s}$ (1 cSt)
- The NPSH curve is an average curve obtained under the same conditions as the performance curves.
- The recommended operating range for best efficiency is indicated by the continuous portion of each curve.
- Select the pump so that it will operate near the best efficiency point. Operate the pump within the allowable operating region of the pump curve.

Symbols explanation:

Q = volume flow rate

H = total dynamic head (TDH)

P_2 = pump power input (shaft power)

η = pump efficiency

NPSH = net positive suction head required by the pump

$\text{ØD}_2 = P_2$ with full diameter

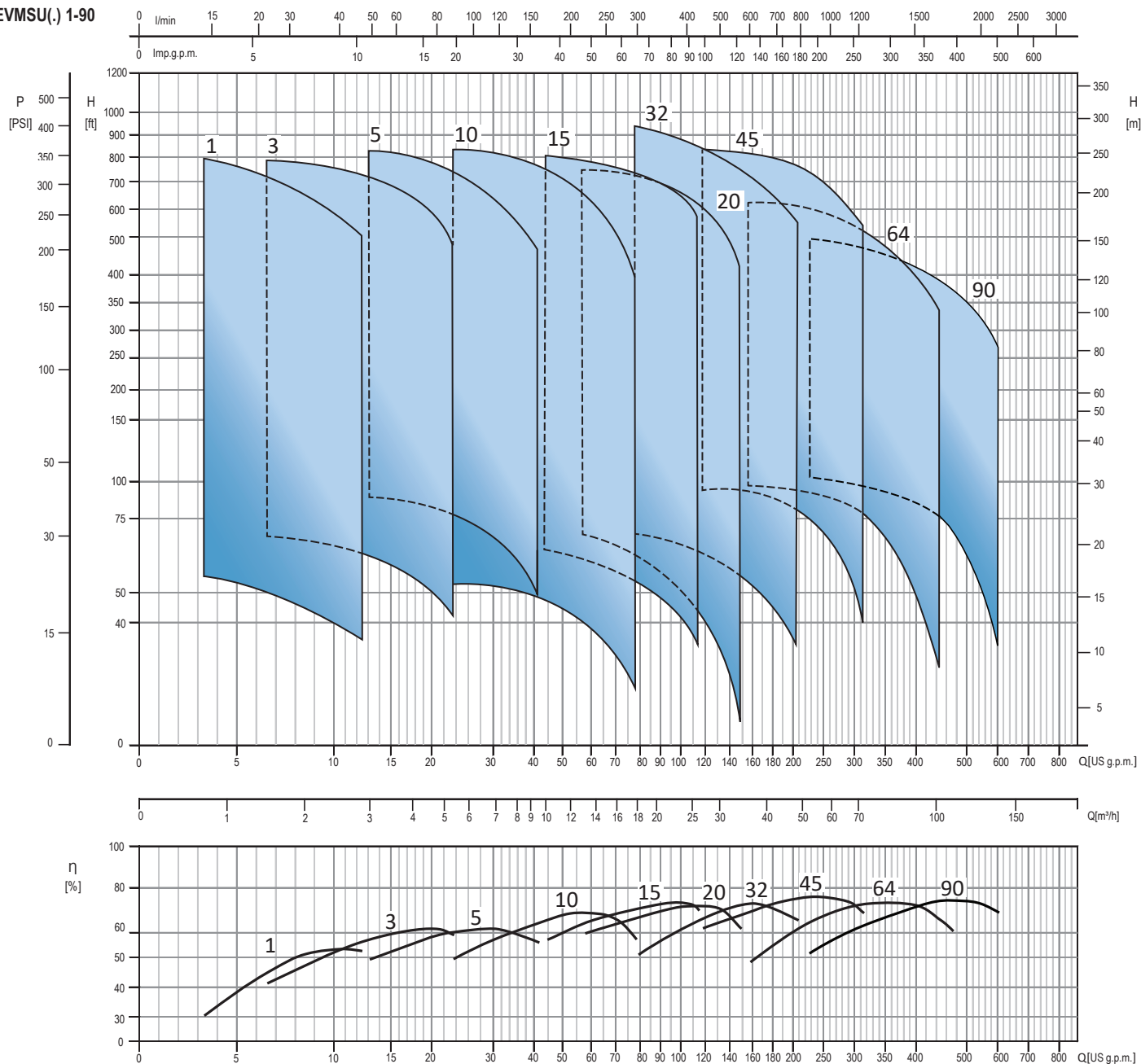
$\text{ØD}_2^* = P_2$ with reduced diameter



PERFORMANCE RANGE

EVMSU(L)1-20 & EVMSU(G)(L)32-90

EVMSU(.) 1-90



EVMSU5 PEI 0.89 IMP. DIA. 3.58 in
 EVMSU10 PEI 0.92 IMP. DIA. 3.78 in
 EVMSU15 PEI 0.97 IMP. DIA. 4.21 in
 EVMSU20 PEI 0.99 IMP. DIA. 4.45 in

EVMSU32 PEI 0.96 IMP. DIA. 4.56 in
 EVMSU45 PEI 0.93 IMP. DIA. 5.52 in
 EVMSU64 PEI 1.00 IMP. DIA. 5.61 in
 EVMSU90 PEI 1.00 IMP. DIA. 5.76 in

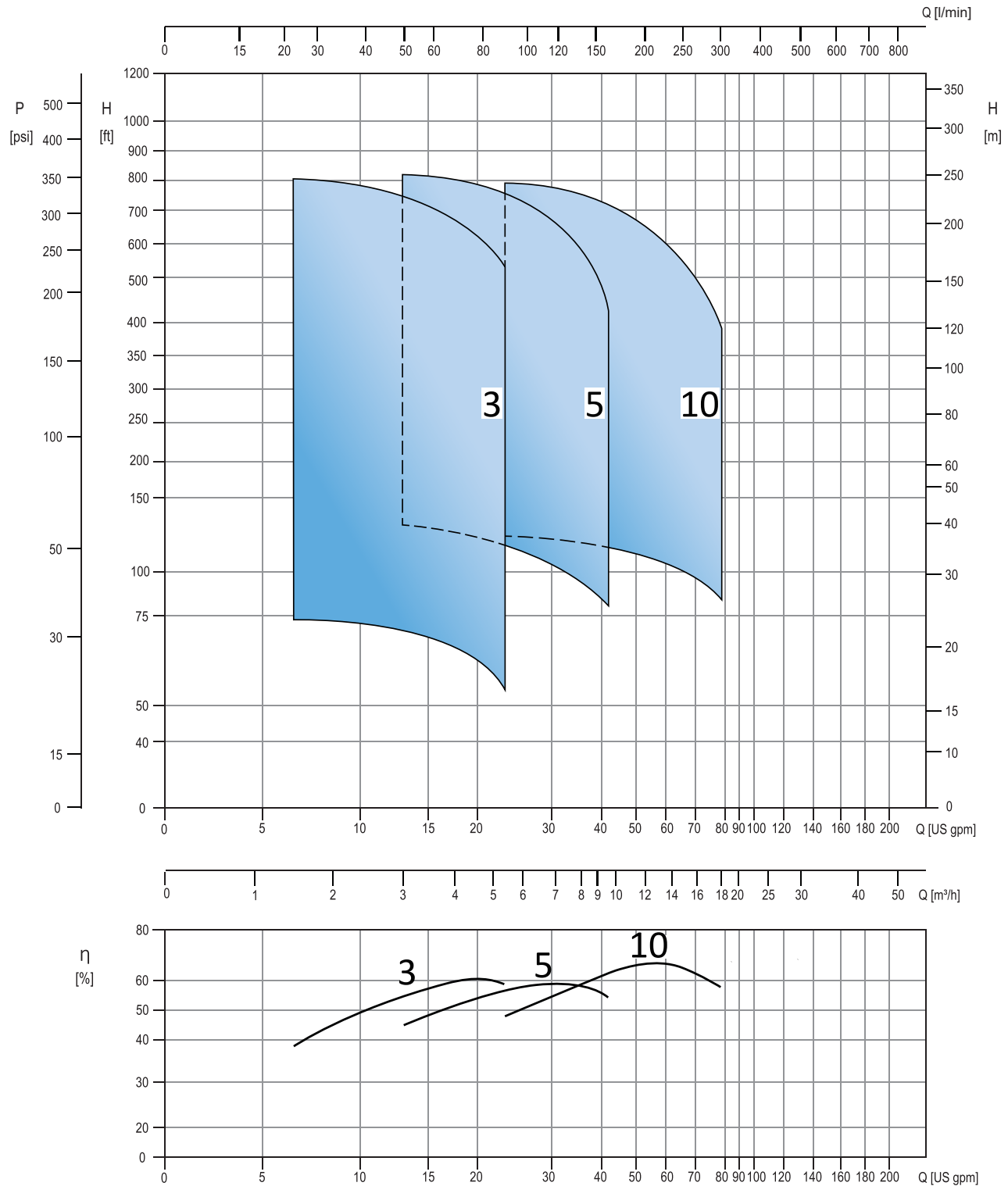


EBARA

EBARA Pumps Americas Corporation
www.pumpsebara.com

PERFORMANCE RANGE

EVMSU(L)N 3, 5, 10



EVMSUN5 PEI 0.97 IMP. DIA. 3.58 in

EVMSUN10 PEI 0.98 IMP. DIA. 3.78 in



EBARA

EBARA Pumps Americas Corporation
www.pumpsebara.com

SELECTION CHART

EVMSU(L) 1, 3, 5

	Pump Model	Motor			Maximum working pressure (psi)	Q = Capacity												
						US gpm	0	2.9	3.3	3.4	6.6	10.6	12.7	13.2	19.8	23.8	31.7	42.3
		m³/h	0	0.66		0.75	0.8	1.5	2.4	2.9	3.0	4.5	5.4	7.2	9.6			
		H = Total Head in feet																
1	EVMSU(L)1-2	0.37	0.5	56C	230 (375 opt.)	56.4	54.1	53.8	53.8	49.2	40.5	33.8	-	-	-	-	-	
	EVMSU(L)1-3	0.37	0.5	56C		84.6	81.2	80.8	80.7	73.8	60.7	50.9	-	-	-	-	-	
	EVMSU(L)1-4	0.37	0.5	56C		113.2	108.2	107.7	107.3	98.4	80.9	67.6	-	-	-	-	-	
	EVMSU(L)1-5	0.37	0.5	56C		141.4	134.5	134.5	134.2	123	101.1	83.3	-	-	-	-	-	
	EVMSU(L)1-6	0.55	0.75	56C		169	164	162.4	161.1	147.6	121.3	101.7	-	-	-	-	-	
	EVMSU(L)1-7	0.55	0.75	56C		198.5	188.6	188.6	188.6	172.2	141.1	118.4	-	-	-	-	-	
	EVMSU(L)1-8	0.75	1	56C		226.4	216.5	214.9	214.9	196.9	162.4	136.2	-	-	-	-	-	
	EVMSU(L)1-9	0.75	1	56C		254.3	242.8	241.1	241.1	221.5	182	152.6	-	-	-	-	-	
	EVMSU(L)1-10	0.75	1	56C		282.2	270.6	269.2	269	246.1	200.1	169	-	-	-	-	-	
	EVMSU(L)1-11	1.1	1.5	56C		310	296.9	296.9	295.3	270.7	223.1	187	-	-	-	-	-	
	EVMSU(L)1-12	1.1	1.5	56C		339.2	324.7	323	321.5	295.3	242.8	203.4	-	-	-	-	-	
	EVMSU(L)1-13	1.1	1.5	56C		367.5	351	351	349.1	319.9	262.5	219.8	-	-	-	-	-	
	EVMSU(L)1-14	1.1	1.5	56C	395.7	380.6	377.3	376	344.2	283.8	237.9	-	-	-	-	-		
	EVMSU(L)1-16	1.5	2	56C	452.1	432.9	429.8	429.8	393.4	323.2	270.7	-	-	-	-	-		
	EVMSU(L)1-18	1.5	2	56C	508.5	488.8	485.6	483.3	442.6	364.2	305.1	-	-	-	-	-		
	EVMSU(L)1-20	1.5	2	56C	375	565.3	541.3	538.1	537.1	491.5	403.5	338.6	-	-	-	-	-	
	EVMSU(L)1-22	2.2	3	145TC		621.7	593.8	593.8	590.9	540.7	446.2	372.4	-	-	-	-	-	
	EVMSU(L)1-24	2.2	3	145TC		678.1	649.6	646.3	643.0	589.9	485.6	406.5	-	-	-	-	-	
	EVMSU(L)1-26	2.2	3	145TC		734.6	702.1	698.8	698.2	639.1	524.9	440.3	-	-	-	-	-	
	EVMSU(L)1-27	2.2	3	145TC		762.8	731.6	728.3	725.1	663.7	544.6	457	-	-	-	-	-	
	EVMSU(L)1-29	2.2	3	145TC	819.6	784.1	780.8	778.9	712.9	587.3	491.1	-	-	-	-	-	-	
3	EVMSU(L)3-2	0.37	0.5	56C	230 (375 opt.)	70.2	-	69.5	69.5	67.3	63.9	62	61.4	50.9	40.7	-	-	
	EVMSU(L)3-3	0.55	0.75	56C		105.3	-	104.3	104.2	100.7	95.8	92.8	91.9	76.4	61	-	-	
	EVMSU(L)3-4	0.75	1	56C		141.1	-	139.4	139.4	134.5	127.7	123.7	122.7	101.7	81.4	-	-	
	EVMSU(L)3-5	0.75	1	56C		175.5	-	173.8	172.2	167.3	159.1	154.2	152.6	127.3	101.7	-	-	
	EVMSU(L)3-6	1.1	1.5	56C		211.6	-	208.3	208.3	201.8	191.9	185.4	183.7	152.6	122	-	-	
	EVMSU(L)3-7	1.1	1.5	56C		246.1	-	242.8	242.8	234.6	223.1	216.5	214.9	178.8	142.7	-	-	
	EVMSU(L)3-8	1.5	2	56C		280.5	-	277.2	277.2	269	254.3	247.7	244.4	203.4	162.4	-	-	
	EVMSU(L)3-9	1.5	2	56C		316.6	-	313.3	313.3	301.8	287.1	278.9	275.6	226.4	183.7	-	-	
	EVMSU(L)3-10	1.5	2	56C		351.7	-	347.8	347.8	334.6	319.9	310	306.8	254.3	203.4	-	-	
	EVMSU(L)3-11	2.2	3	145TC		386.8	-	383.9	380.6	369.4	351	340.2	337.3	280.5	223.1	-	-	
	EVMSU(L)3-12	2.2	3	145TC		421.9	-	416.7	416.7	402.9	383.9	371.4	367.8	305.1	244.4	-	-	
	EVMSU(L)3-13	2.2	3	145TC		457	-	452.8	452.8	436.7	416.7	402.2	398.6	330.7	264.1	-	-	
	EVMSU(L)3-14	2.2	3	145TC	492.1	-	485.6	485.6	470.1	446.2	433.1	429.1	356	283.8	-	-		
	EVMSU(L)3-15	2.2	3	184TC	527.2	-	521.7	521.7	503.6	479.0	464.2	459.6	381.6	305.1	-	-		
	EVMSU(L)3-16	3.7	5	184TC	375	562.7	-	557.7	554.5	537.4	511.8	495.1	490.5	406.8	324.8	-	-	
	EVMSU(L)3-17	3.7	5	184TC		597.8	-	590.6	590.6	570.9	544.6	525.9	521	432.4	345.5	-	-	
	EVMSU(L)3-19	3.7	5	184TC		668	-	659.4	659.4	638.1	607	587.9	582.3	483.3	386.2	-	-	
	EVMSU(L)3-20	3.7	5	184TC		703.1	-	695.5	695.5	671.6	639.8	618.8	613.2	508.5	406.5	-	-	
	EVMSU(L)3-21	3.7	5	184TC		738.2	-	731.6	728.3	705.1	669.3	649.6	643.7	534.1	426.8	-	-	
	EVMSU(L)3-22	3.7	5	184TC		773.3	-	764.4	764.4	738.8	702.1	680.8	674.2	559.4	447.2	-	-	
	EVMSU(L)3-23	3.7	5	184TC		808.7	-	800.5	797.2	772.3	734.9	711.6	705.1	585	467.5	-	-	
5	EVMSU(L)5-2	0.75	1	56C		230 (375 opt.)	90.6	-	-	-	-	87.4	86.1	85.6	80.7	76.8	66.9	47.9
	EVMSU(L)5-3	1.1	1.5	56C	135.8		-	-	-	-	131.1	129.1	128.6	121.1	115.2	100.4	71.9	
	EVMSU(L)5-4	1.5	2	56C	180.4		-	-	-	-	175.5	172.2	172.2	160.8	154.2	133	96.1	
	EVMSU(L)5-5	2.2	3	145TC	226.4		-	-	-	-	218.2	214.9	214.9	201.8	190.3	167.3	120.1	
	EVMSU(L)5-6	2.2	3	145TC	272.3		-	-	-	-	260.8	260.8	257.5	242.8	229.7	200.1	144.4	
	EVMSU(L)5-7	3.7	5	184TC	316.6		-	-	-	-	306.8	300.2	300.2	282.2	269	234.6	167.3	
	EVMSU(L)5-8	3.7	5	184TC	362.2		-	-	-	-	351	344.3	342.8	323.2	306.8	267.4	191.9	
	EVMSU(L)5-9	3.7	5	184TC	407.5		-	-	-	-	393.7	387.1	385.8	363.2	345.1	300.2	216.5	
	EVMSU(L)5-10	3.7	5	184TC	452.8		-	-	-	-	436.4	429.8	428.8	403.5	383.5	334.3	239.5	
	EVMSU(L)5-11	3.7	5	184TC	498		-	-	-	-	482.3	472.4	471.8	443.9	421.9	367.5	264.1	
	EVMSU(L)5-12	5.5	7.5	215TC	375	543.3	-	-	-	-	524.9	515.1	514.4	484.3	460.3	400.9	288.7	
	EVMSU(L)5-13	5.5	7.5	215TC		588.6	-	-	-	-	567.6	561	557.4	524.6	498.7	434.4	311.7	
	EVMSU(L)5-14	5.5	7.5	215TC		633.9	-	-	-	-	613.5	603.7	600.4	565	537.1	467.8	336	
	EVMSU(L)5-15	5.5	7.5	215TC		679.1	-	-	-	-	656.2	646.3	643	605.3	575.5	501.3	360.2	
	EVMSU(L)5-16	5.5	7.5	215TC		724.4	-	-	-	-	698.8	689	686	645.3	613.8	534.8	384.2	
	EVMSU(L)5-17	5.5	7.5	215TC		769.7	-	-	-	-	744.8	731.7	729	685.7	651.9	568.2	408.1	
	EVMSU(L)5-19	7.5	10	215TC		860.2	-	-	-	-	830.1	816.9	814.6	766.4	728.7	634.8	456	

Model also available in 182TC/184TC frame



SELECTION CHART EVMSU(L) 10, 15, 20

	Pump Model	Motor			Maximum working pressure (PSI)	Q = Capacity																		
						gpm	0	7.9	10.6	13.2	19.8	23.8	26.4	31.7	42.3	44.9	52.8	58.1	66.1	79.3	92.5	105.7	116.2	132.1
		m³/h	0	1.8		2.4	3.0	4.5	5.4	6.0	7.2	9.6	10.2	12.0	13.2	15	18	21	24	26.4	30			
		kW	HP	Frame Size	H = Total Head in feet																			
10	EVMSU(L)10 1	0.75	1	56C	230 (375 opt.)	52.5	52.5	52.5	52.1	51.3	51.2	50.9	50.2	47.2	46.3	42.7	39.7	34.9	24.3	-	-	-	-	
	EVMSU(L)10 2	1.5	2	56C		105	105.0	104.7	104.2	102.5	102	101.8	100.7	94.8	92.5	85.6	79.7	69.2	48.6	-	-	-	-	
	EVMSU(L)10 3	2.2	3	145TC		157.5	157.5	155.8	155.8	154.2	152.6	152.7	150.9	142.1	139.1	128.3	119.4	104	72.8	-	-	-	-	
	EVMSU(L)10 4	3.7	5	184TC		210.0	210.0	210.0	208.5	205.1	203.4	203.4	201.8	190.3	185.4	170.6	159.1	137.8	97.1	-	-	-	-	
	EVMSU(L)10 5	3.7	5	184TC		262.5	262.5	260.8	260.8	255.9	254.3	254.3	251	236.2	231.3	213.3	198.5	172.2	121.4	-	-	-	-	
	EVMSU(L)10 6	3.7	5	184TC		315	315.0	313.3	313.3	308.4	306.8	305.1	301.8	283.8	277.2	255.9	239.5	208.3	146	-	-	-	-	
	EVMSU(L)10 7	5.5	7.5	184TC		367.5	367	364.2	364.2	357.6	357.3	357.6	352.0	331.4	324.8	298.6	278.9	242.8	170.6	-	-	-	-	
	EVMSU(L)10 8	5.5	7.5	184TC		419.9	419.9	419.9	416.7	410.1	408.5	406.8	402.2	377.4	370.7	341.9	318.6	277.2	193.6	-	-	-	-	
	EVMSU(L)10 9	5.5	7.5	184TC	375	472.4	472.4	472.4	469	462.6	459.3	459.3	452.4	426.2	417	384.8	358.3	311.7	218.2	-	-	-	-	
	EVMSU(L)10 10	7.5	10	215TC		524.9	524.9	521.7	521.7	511.8	510.5	508.5	503	473.4	463.3	427.5	398.3	346.5	242.8	-	-	-	-	
	EVMSU(L)10 11	7.5	10	215TC		577.4	577.4	574.1	574.1	564.3	561.7	561	553.1	520.7	509.8	470.1	438	381.2	267.4	-	-	-	-	
	EVMSU(L)10 12	7.5	10	215TC		629.9	630	626.6	626.6	616.8	612.5	610.2	603.3	567.9	556.1	512.8	478	415.7	292	-	-	-	-	
	EVMSU(L)10 14	11	15	215TC		734.9	735	731.6	728.3	718.5	714.6	711.9	704.1	662.7	648.6	598.4	557.4	484.9	339.9	-	-	-	-	
	EVMSU(L)10 15	11	15	215TC		787.4	787.4	784.1	780.8	767.7	765.7	764.4	754.3	710	717.8	641.1	597.4	519.7	364.2	-	-	-	-	
	EVMSU(L)10 16	11	15	215TC		839.9	840	836.6	833.3	820.3	816.9	813.6	804.5	757.2	741.5	683.7	637.1	554.1	388.5	-	-	-	-	
	EVMSU(L)15 1	1.5	2	56C		230 (375 opt.)	71.2	-	-	-	68.2	67.6	67.3	65.9	63.3	62.7	60.4	59.1	57.1	51.8	46.6	39.7	32.5	-
EVMSU(L)15 2	3.7	5	184TC	143.1	-		-	-	137.8	137.8	137.8	136	132.7	131.7	128.4	126.7	124.3	119.7	113.8	104	92.6	-		
EVMSU(L)15 3	5.5	7.5	184TC	214.6	-		-	-	208.3	206.7	206.7	203.4	198.5	197.5	191.9	190	187	178.8	170.3	155.8	139.4	-		
EVMSU(L)15 4	7.5	10	215TC	286.1	-		-	-	277.2	275.6	274.1	272.3	265.7	264.1	257.5	255.6	248.7	239.4	227.1	208.3	185.2	-		
EVMSU(L)15 5	7.5	10	215TC	357.6	-		-	-	347.8	344.5	341.2	341.2	331.4	329.3	321	316.7	310.9	299.3	283.9	260.8	231.3	-		
EVMSU(L)15 6	11	15	215TC	429.2	-		-	-	416.7	413.4	410.1	406.8	397	395.1	385.2	380.0	373.1	359.1	340.7	313.3	277.2	-		
EVMSU(L)15 7	11	15	215TC	500.7	-		-	-	485.6	482.3	479	475.7	465.9	461	449.5	443.4	435.2	419	397.4	364.7	324.2	-		
EVMSU(L)15 8	15	20	256TC	375	572.2		-	-	-	554.3	551.2	547.9	544.6	531.5	526.8	513.6	506.7	497.4	478.8	454.2	416.1	370.5	-	
EVMSU(L)15 9	15	20	256TC		643.8	-	-	-	623.4	620.1	616.7	613.5	597.1	592.7	577.9	570	559.6	538.7	511	468.2	416.8	-		
EVMSU(L)15 10	15	20	256TC		715.3	-	-	-	692.3	689	685.7	679.1	662.7	658.5	642.1	633.4	621.8	598.6	567.7	521	463.1	-		
EVMSU(L)15 11	18.5	25	286TSC		786.8	-	-	-	761.2	757.9	754.6	747.9	731.6	724.4	706.3	696.8	683.9	658.4	624.5	573.1	509.4	-		
EVMSU(L)15 12	18.5	25	286TSC	858.4	-	-	-	830.1	826.8	823.5	816.9	797.2	790.2	770.5	760.1	746.1	718.3	681.3	624.3	555.6	-			
20	EVMSU(L)20 1	2.2	3	145TC	230 (375 opt.)	82.0	-	-	-	-	-	-	-	-	-	-	67.9	65.6	61.4	55.4	48.9	43.0	31.2	
	EVMSU(L)20 2	3.7	5	184TC		162.4	-	-	-	-	-	155.8	152.6	149.3	149.2	146	146	144.4	139.4	134.5	129.3	123	107.7	
	EVMSU(L)20 3	5.5	7.5	184TC		242.8	-	-	-	-	-	232.9	229.7	224.8	223.1	219.8	219.8	214.9	210	201.8	193.6	183.7	160.8	
	EVMSU(L)20 4	7.5	10	215TC		324.8	-	-	-	-	-	311.7	306.8	300.2	298.4	295.3	293.6	287.1	278.9	269	259.2	246.1	214.9	
	EVMSU(L)20 5	11	15	215TC		406.8	-	-	-	-	-	390.4	383.9	374	374	367.5	367.5	360.9	347.8	337.9	323.2	306.8	269	
	EVMSU(L)20 6	11	15	215TC		485.6	-	-	-	-	-	465.9	459.3	449.6	446.2	442.9	439.6	429.8	419.9	403.5	387.1	367.5	323.2	
	EVMSU(L)20 7	15	20	256TC	375	567.6	-	-	-	-	-	544.6	538.1	524.9	521.7	515.1	511.8	502	488.8	472.4	452.8	429.8	377.3	
	EVMSU(L)20 8	15	20	256TC		649.6	-	-	-	-	-	623.4	613.5	600.4	597.1	587.3	587.3	574.1	557.7	538.1	518.4	492.1	429.8	
	EVMSU(L)20 9	18.5	25	286TSC		731.6	-	-	-	-	-	698.8	689	675.9	672.6	662.7	659.4	646.3	626.6	607	580.7	554.5	485.6	
	EVMSU(L)20 10	18.5	25	286TSC		810.4	-	-	-	-	-	777.5	767.7	748	744.8	734.9	731.6	718.5	698.8	675.9	646.3	613.5	538.1	

Model also available in 182TC/184TC frame



SELECTION CHART EVMSU(L)N 3, 5

	Pump Model	Motor			Maximum working pressure (psi)	Q = Capacity														
						US gpm	0	6.61	7.93	10.57	13.21	15.85	18.49	21.14	23.78	26.42	31.70	35.67	39.63	42.27
		kW	HP	NEMA Frame		m³/h	0	1.5	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.1	9.0	9.6
H = Total head in feet																				
3	EVMSU(L)N3-2	0.55	0.75	56C	360	75	73.5	73	72	70.5	68	65	60	54	-	-	-	-	-	
	EVMSU(L)N3-3	0.75	1	56C	360	110	108	107	105	102	98.5	93	86.5	77	-	-	-	-	-	
	EVMSU(L)N3-4	1.1	1.5	56C	360	146	142	141	138	134	128	121	112	100	-	-	-	-	-	
	EVMSU(L)N3-5	1.1	1.5	56C	360	182	177	175	171	165	158	149	138	123	-	-	-	-	-	
	EVMSU(L)N3-6	1.1	1.5	56C	360	218	212	210	204	197	188	178	164	146	-	-	-	-	-	
	EVMSU(L)N3-7	1.5	2	56C	360	253	247	244	237	229	219	206	190	169	-	-	-	-	-	
	EVMSU(L)N3-8	1.5	2	56C	360	289	282	278	270	260	249	234	216	193	-	-	-	-	-	
	EVMSU(L)N3-9	2.2	3	145TC	360	324	316	313	304	293	279	263	242	215	-	-	-	-	-	
	EVMSU(L)N3-10	2.2	3	145TC	360	359	351	347	337	325	310	291	267	237	-	-	-	-	-	
	EVMSU(L)N3-11	2.2	3	145TC	360	395	385	381	370	357	340	319	293	260	-	-	-	-	-	
	EVMSU(L)N3-13	3.7	5	184TC	360	465	455	450	437	421	401	375	344	304	-	-	-	-	-	
	EVMSU(L)N3-14	3.7	5	184TC	360	500	489	484	471	453	431	403	369	327	-	-	-	-	-	
	EVMSU(L)N3-16	3.7	5	184TC	360	570	558	553	538	518	492	460	420	371	-	-	-	-	-	
EVMSU(L)N3-18	3.7	5	184TC	360	641	627	621	605	582	553	516	471	416	-	-	-	-	-		
EVMSU(L)N3-21	3.7	5	184TC	360	746	731	724	705	679	644	600	547	483	-	-	-	-	-		
EVMSU(L)N3-23	5.5	7.5	184TC	360	817	800	793	772	743	705	657	598	528	-	-	-	-	-		
5	EVMSU(L)N5-3	1.5	2	56C	360	137	-	-	-	131	128	124	120	116	111	101	94	85.5	80	
	EVMSU(L)N5-4	2.2	3	145TC	360	183	-	-	-	173	170	165	161	155	150	137	125	112	103	
	EVMSU(L)N5-5	2.2	3	145TC	360	228	-	-	-	216	212	207	201	195	188	172	157	140	126	
	EVMSU(L)N5-6	2.2	3	145TC	360	273	-	-	-	259	254	248	241	234	226	207	189	167	150	
	EVMSU(L)N5-7	3.7	5	184TC	360	318	-	-	-	302	296	289	282	273	263	241	221	197	177	
	EVMSU(L)N5-8	3.7	5	184TC	360	363	-	-	-	345	339	331	322	311	300	275	253	226	204	
	EVMSU(L)N5-9	3.7	5	184TC	360	408	-	-	-	388	381	372	362	350	337	309	285	256	231	
	EVMSU(L)N5-10	3.7	5	184TC	360	452	-	-	-	431	423	413	402	389	374	344	317	285	258	
	EVMSU(L)N5-11	5.5	7.5	215TC	360	498	-	-	-	474	466	455	443	429	413	378	346	308	277	
	EVMSU(L)N5-12	5.5	7.5	215TC	360	543	-	-	-	517	508	497	484	469	452	412	375	331	295	
	EVMSU(L)N5-14	5.5	7.5	215TC	360	635	-	-	-	602	592	580	566	549	530	480	433	376	332	
	EVMSU(L)N5-15	5.5	7.5	215TC	360	680	-	-	-	645	634	622	607	589	568	514	462	398	350	
	EVMSU(L)N5-17	7.5	10	215TC	360	771	-	-	-	730	719	705	689	670	646	583	520	444	387	
	EVMSU(L)N5-19	7.5	10	215TC	360	862	-	-	-	815	803	789	771	750	724	651	577	489	423	

Model also available in 182TC/184TC frame

SELECTION CHART EVMSU(L)N 10

	Pump Model	Motor			Maximum working pressure (psi)	Q=Capacity															
						US gpm	0	23.78	26.42	39.63	44.91	52.84	58.12	66.05	79.26	92.47	105.68	116.25	118.89	132.10	
		m³/h	0	5.4		6.0	9.0	10.2	12.0	13.2	15.0	18.0	21.0	24.0	26.4	27.0	30.0				
	kW		HP	NEMA Frame	H = Total head in feet																
10	EVMSU(L)N10-2	2.2	3	145TC	360	126	123	122	117	114	109	105	99	84	-	-	-	-	-		
	EVMSU(L)N10-3	3.7	5	184TC	360	179	173	172	165	161	152	145	132	107	-	-	-	-	-		
	EVMSU(L)N10-4	3.7	5	184TC	360	232	224	223	213	207	194	184	166	131	-	-	-	-	-		
	EVMSU(L)N10-5	5.5	7.5	184TC	360	285	275	274	261	253	237	224	200	155	-	-	-	-	-		
	EVMSU(L)N10-6	5.5	7.5	184TC	360	338	326	324	309	299	280	263	234	179	-	-	-	-	-		
	EVMSU(L)N10-7	5.5	7.5	184TC	360	391	377	375	357	345	322	303	268	202	-	-	-	-	-		
	EVMSU(L)N10-8	7.5	10	215TC	360	443	428	425	405	392	365	342	303	226	-	-	-	-	-		
	EVMSU(L)N10-9	7.5	10	215TC	360	496	478	476	453	438	407	382	337	250	-	-	-	-	-		
	EVMSU(L)N10-10	7.5	10	215TC	360	549	529	526	501	484	450	421	371	274	-	-	-	-	-		
	EVMSU(L)N10-11	11	15	215TC	360	601	580	577	548	529	491	459	404	297	-	-	-	-	-		
	EVMSU(L)N10-13	11	15	215TC	360	705	682	678	642	619	573	535	469	343	-	-	-	-	-		
	EVMSU(L)N10-14	11	15	215TC	360	757	732	728	689	663	614	573	502	366	-	-	-	-	-		
	EVMSU(L)N10-15	11	15	215TC	360	809	783	778	736	708	655	611	535	389	-	-	-	-	-		

Model also available in 182TC/184TC frame



SELECTION CHART

EVMSU(G)(L)32, 45, 64, 90

	Pump Model	Motor			Maximum working pressure (psi)	Q = Capacity																			
		kW	HP	NEMA frame		US gpm		0		79.3		119		159		185		211		251		291		317	
						m³/h	0	18	27	36	42	48	57	66	72										
																H = Total Head in feet									
32	EVMSU(G)(L)32-1-1	3.7	5	184TC	230	82	67.9	62	52.5	42.7	31.8	-	-	-											
	EVMSU(G)(L)32-1	3.7	5	184TC	230	96.8	87.3	76.8	64.6	55.8	44.6	-	-	-											
	EVMSU(G)(L)32-2-2	5.5	7.5	215TC	230	165.7	142.7	130.9	112.5	95.1	73.8	-	-	-											
	EVMSU(G)(L)32-2-1	5.5	7.5	215TC	230	190.3	165.7	146	123	105.3	84	-	-	-											
	EVMSU(G)(L)32-2	7.5	10	215TC	230	206.7	185.4	162.4	137.8	119.1	97.1	-	-	-											
	EVMSU(G)(L)32-3-2	11	15	215TC	230	272.3	239.5	213.3	183.7	157.5	126.3	-	-	-											
	EVMSU(G)(L)32-3	11	15	215TC	230	301.9	275.6	244.4	206.7	182.1	149.3	-	-	-											
	EVMSU(G)(L)32-4-2	11	15	215TC	230	377.3	331.4	295.3	254.3	219.8	180.5	-	-	-											
	EVMSU(G)(L)32-4	15	20	256TC	230	400.3	367.5	328.1	280.5	244.4	201.8	-	-	-											
	EVMSU(G)(L)32-5-2	15	20	256TC	230	479	423.2	374	321.5	278.9	226.4	-	-	-											
	EVMSU(G)(L)32-5	15	20	256TC	230	502	456.1	406.8	351.1	310.1	259.2	-	-	-											
	EVMSU(G)(L)32-6-2	18.5	25	286TSC	360	570.9	511.8	459.3	400.3	344.5	288.7	-	-	-											
	EVMSU(G)(L)32-6	18.5	25	286TSC	360	607	554.5	485.6	416.7	364.2	305.1	-	-	-											
	EVMSU(G)(L)32-7-2	25	30	286TSC	360	695.6	626.7	557.8	479	420	347.8	-	-	-											
	EVMSU(G)(L)32-7	25	30	286TSC	360	728.4	669.3	587.3	505.3	446.2	374	-	-	-											
	EVMSU(G)(L)32-8-2	25	30	286TSC	360	787.4	721.8	646.4	561.1	495.4	416.7	-	-	-											
	EVMSU(G)(L)32-8	30	40	326TSC	435	817	734.9	656.2	570.9	502	433.1	-	-	-											
EVMSU(G)(L)32-9-2	30	40	326TSC	435	905.6	826.8	725.1	626.7	547.9	459.3	-	-	-												
EVMSU(G)(L)32-9	30	40	326TSC	435	922	826.8	738.2	643.1	564.3	485.6	-	-	-												
EVMSU(G)(L)32-10	30	40	326TSC	435	1023.7	918.7	823.5	715.3	630	541.4	-	-	-												
45	EVMSU(G)(L)45-1-1	5.5	7.5	215TC	230	118.8	-	90.6	88.3	85.3	79.1	67.3	51.8	38.7											
	EVMSU(G)(L)45-1	7.5	10	215TC	230	134.5	-	118.4	109.9	106.3	101.1	90.9	78.4	67.9											
	EVMSU(G)(L)45-2-2	11	15	215TC	230	231.3	-	182.1	175.5	170.6	157.5	132.9	104.3	80.4											
	EVMSU(G)(L)45-2-1	11	15	215TC	230	246.1	-	206.7	198.5	193.6	180.5	159.1	130.9	111.6											
	EVMSU(G)(L)45-2	15	20	256TC	230	260.8	-	233	221.5	214.9	203.4	183.7	159.1	141.1											
	EVMSU(G)(L)45-3-2	15	20	256TC	230	354.3	-	298.6	287.1	277.2	262.5	229.7	187	150.9											
	EVMSU(G)(L)45-3-1	18.5	25	286TSC	230	364.2	-	321.5	310.1	301.9	283.8	252.6	213.3	182.1											
	EVMSU(G)(L)45-3	18.5	25	286TSC	230	367.5	-	344.5	331.4	324.8	313.3	285.4	247.7	213.3											
	EVMSU(G)(L)45-4-2	22	30	286TSC	230	485.6	-	426.5	406.8	400.3	377.3	334.7	283.8	236.2											
	EVMSU(G)(L)45-4-1	30	40	326TSC	230	502	-	449.5	433.1	420	400.3	360.9	311.7	267.4											
	EVMSU(G)(L)45-4	30	40	326TSC	230	502	-	465.9	452.8	442.9	426.5	390.4	337.9	298.6											
	EVMSU(G)(L)45-5-2	30	40	326TSC	360	616.8	-	541.4	521.7	508.6	485.6	433.1	367.5	311.7											
	EVMSU(G)(L)45-5-1	30	40	326TSC	360	633.2	-	567.6	547.9	531.5	508.6	459.3	393.7	341.2											
	EVMSU(G)(L)45-5	37	50	326TSC	360	626.7	-	580.7	567.6	554.5	534.8	488.9	423.2	370.8											
	EVMSU(G)(L)45-6-2	37	50	326TSC	360	744.8	-	662.8	636.5	620.1	593.9	534.8	452.8	383.9											
	EVMSU(G)(L)45-6-1	37	50	326TSC	360	754.6	-	685.7	659.5	646.4	620.1	561.1	485.6	423.2											
	EVMSU(G)(L)45-6	37	50	326TSC	360	761.2	-	705.4	679.2	666	643.1	584	508.6	449.5											
	EVMSU(G)(L)45-7-2	45	60	365TSC	435	866.2	-	767.8	748.1	728.4	698.9	626.7	531.5	456.1											
	EVMSU(G)(L)45-7-1	45	60	365TSC	435	879.3	-	794	771	751.3	721.8	652.9	557.8	485.6											
	EVMSU(G)(L)45-7	45	60	365TSC	435	879.3	-	817	790.7	774.3	748.1	682.4	597.1	525											

Pump Model		Motor			Maximum working pressure (psi)	Q = Capacity															
		kW	HP	NEMA frame		US gpm		0		159		225		291		317		396		449	
						m³/h		0		36		51		66		72		90		102	
						H = Total Head in feet															
64	EVMSU(G)(L)64-1-1	7.5	10	215TC	230	101.1	88.3	86.6	75.5	68.2	46.6	24.6									
	EVMSU(G)(L)64-1	11	15	215TC	230	159.1	136.2	123.7	109.6	107.9	85.6	66.9									
	EVMSU(G)(L)64-2-2	11	15	215TC	230	200.1	182.1	178.8	155.8	144.4	105.0	72.5									
	EVMSU(G)(L)64-2-1	15	20	256TSC	230	251.0	221.5	210.0	187.0	177.2	136.2	110.9									
	EVMSU(G)(L)64-2	18.5	25	286TSC	230	306.8	262.5	246.1	219.8	210.0	170.6	141.1									
	EVMSU(G)(L)64-3-2	22	30	286TSC	230	351.1	315.0	295.3	267.4	254.3	195.2	149.3									
	EVMSU(G)(L)64-3-1	30	40	326TSC	230	403.6	364.2	334.7	310.1	293.6	234.6	188.7									
	EVMSU(G)(L)64-3	30	40	326TSC	230	462.6	403.6	380.6	344.5	328.1	269.0	221.5									
	EVMSU(G)(L)64-4-2	30	40	326TSC	360	502.0	446.2	426.5	390.4	374.0	295.3	234.6									
	EVMSU(G)(L)64-4-1	37	50	326TSC	360	554.5	485.6	449.5	423.2	403.6	328.1	264.1									
	EVMSU(G)(L)64-4	37	50	326TSC	360	613.5	538.1	505.3	472.5	449.5	367.5	293.6									
	EVMSU(G)(L)64-5-2	45	60	365TSC	360	666.0	590.6	564.3	515.1	485.6	390.4	316.6									
	EVMSU(G)(L)64-5-1	45	60	365TSC	360	721.8	633.2	597.1	547.9	515.1	423.2	341.2									
	EVMSU(G)(L)64-5	45	60	365TSC	360	774.3	669.3	633.2	580.7	551.2	459.3	377.3									

	Pump Model	Motor			Maximum working pressure (psi)	Q = Capacity								
		kW	HP	NEMA frame		US gpm		0	224	317	396	475	544	607
						m³/h	0	59	72	90	108	123	138	
								H = Total Head in feet						
90	EVMSU(G)(L)90-1-1	11	15	215TC	230	130.2	104.9	92.1	85.1	68.0	46.3	30.2		
	EVMSU(G)(L)90-1	15	20	256TC	230	168.0	138.0	121.6	109.0	96.0	78.1	61.3		
	EVMSU(G)(L)90-2-2	18.5	25	284TSC	230	250.0	212.8	195.7	176.9	148.5	113.0	83.3		
	EVMSU(G)(L)90-2-1	22	30	286TSC	230	293.6	248.8	226.2	208.0	182.0	147.1	121.0		
	EVMSU(G)(L)90-2	30	40	326TSC	230	329.2	285.2	259.0	234.6	208.2	179.9	155.6		
	EVMSU(G)(L)90-3-2	30	40	326TSC	230	415.2	363.8	339.9	306.5	265.9	213.5	180.1		
	EVMSU(G)(L)90-3-1	37	50	326TSC	230	459.2	400.5	371.9	337.3	297.1	247.8	211.9		
	EVMSU(G)(L)90-3	37	50	326TSC	230	499.5	440.2	400.0	369.5	325.3	285.4	248.8		
	EVMSU(G)(L)90-4-2	45	60	365TSC	360	579.1	515.9	482.9	439.2	387.8	318.4	273.2		



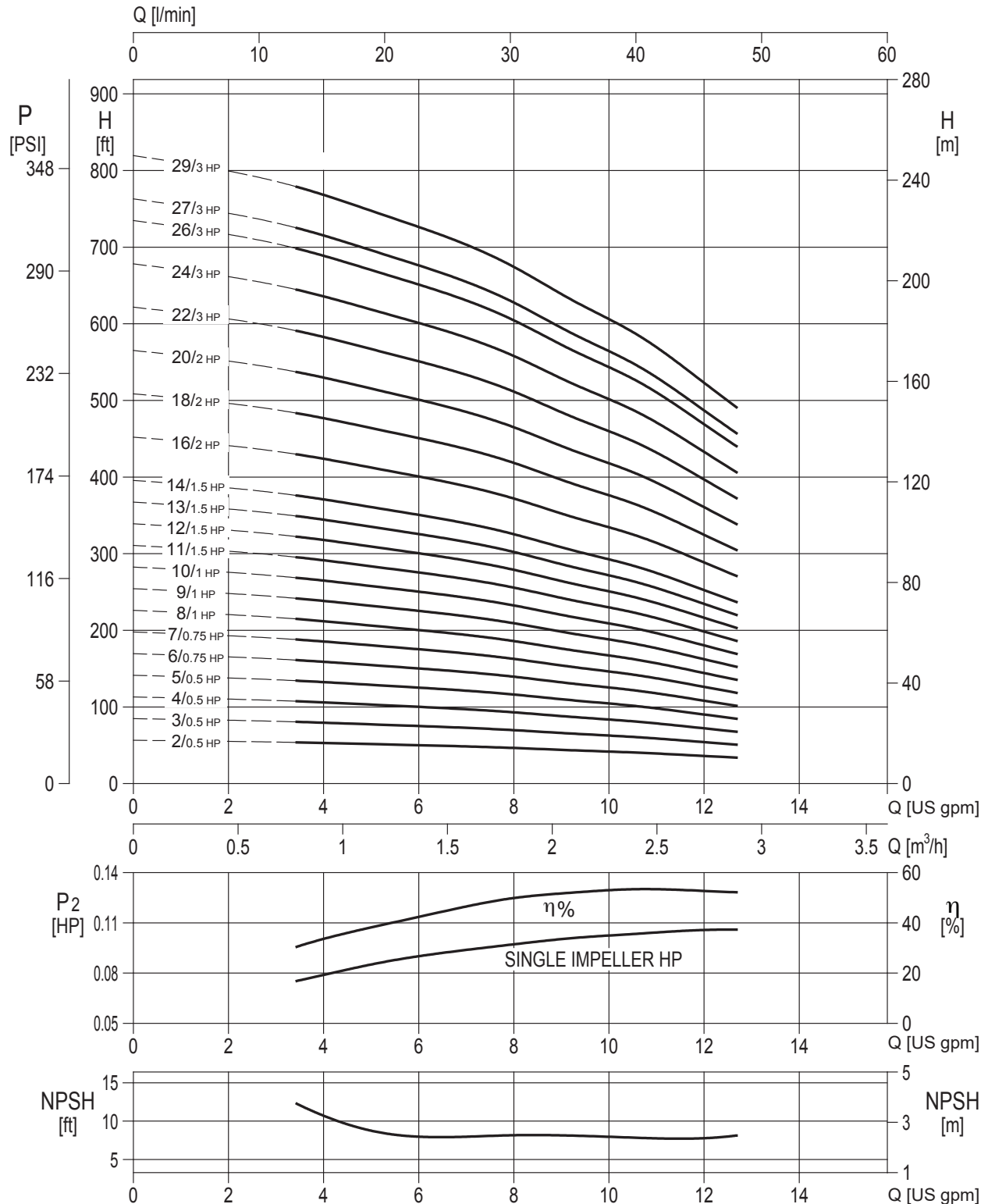
PERFORMANCE CURVES

EVMSU1 ½HP - 3HP

EVMSU1 2 - EVMSU1 29

300# ANSI-compatible 1¼" 4-Bolt

Nominal Speed: 3500 RPM



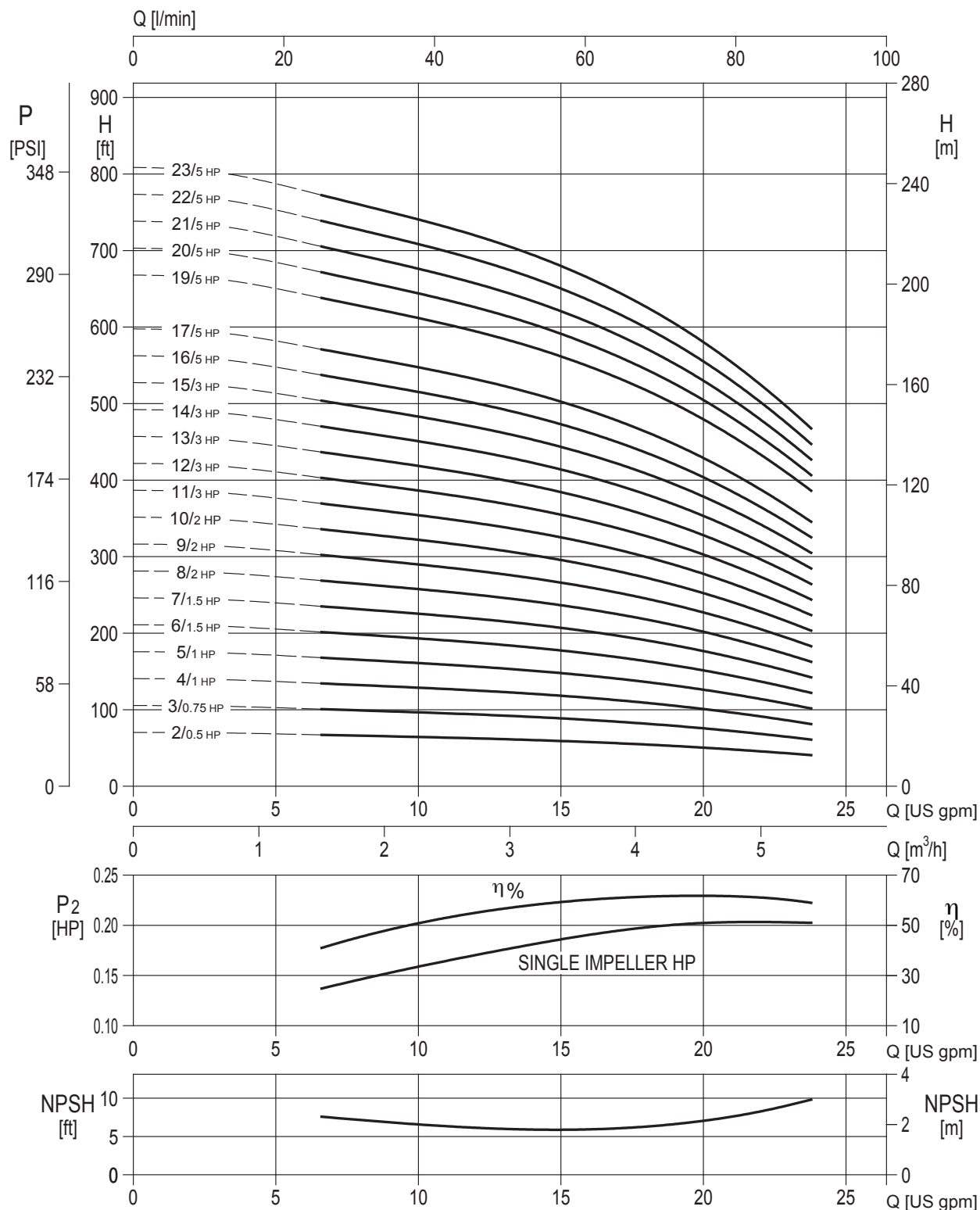
PERFORMANCE CURVES

EVMSU3 ½HP - 5HP

EVMSU3 2 - EVMSU3 23

300# ANSI-compatible 1¼" 4-Bolt

Nominal Speed: 3500 RPM



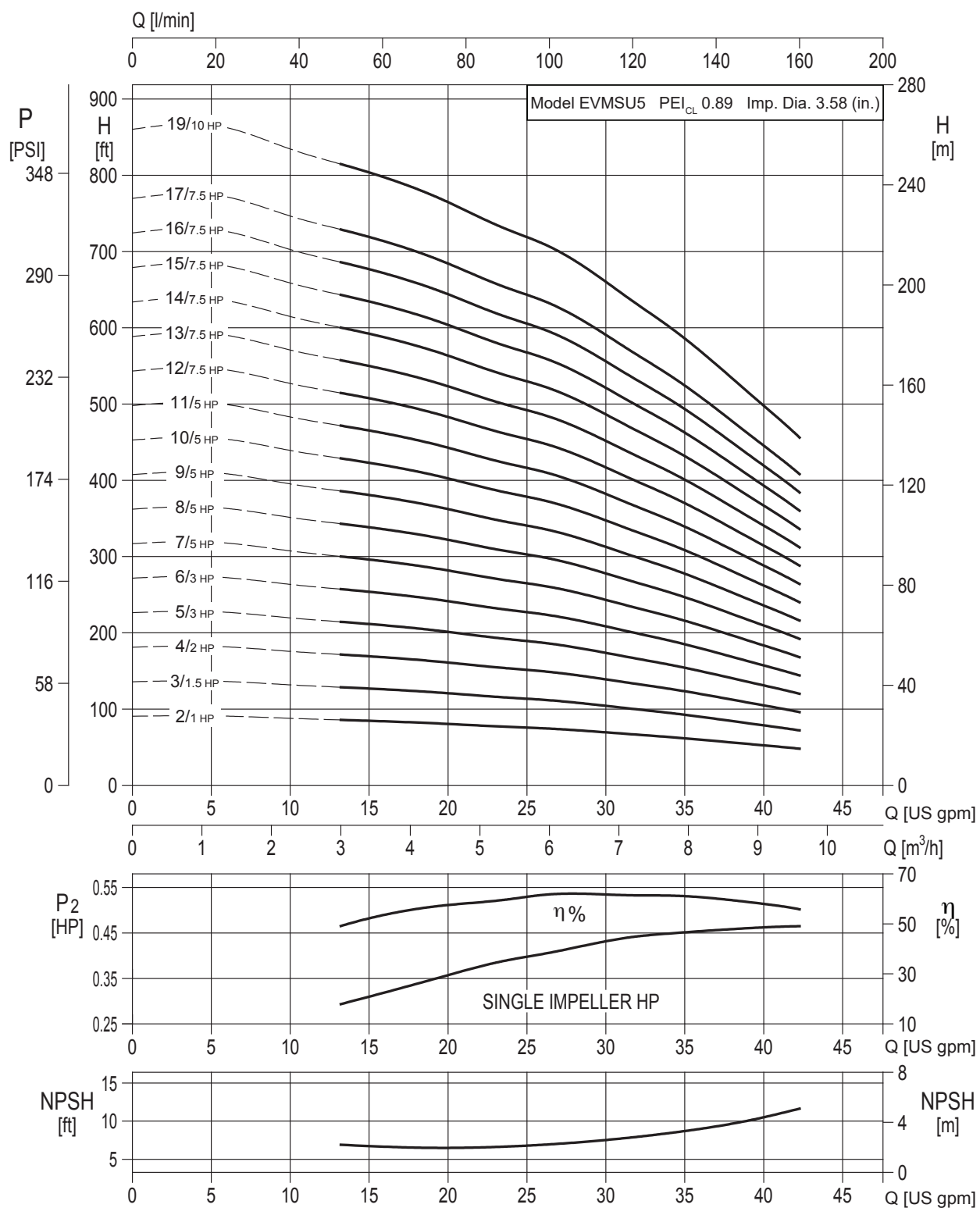
PERFORMANCE CURVES

EVMSU5 1HP - 10HP

EVMSU5 2 - EVMSU5 19

300# ANSI-compatible 1¼" 4-Bolt

Nominal Speed: 3500 RPM



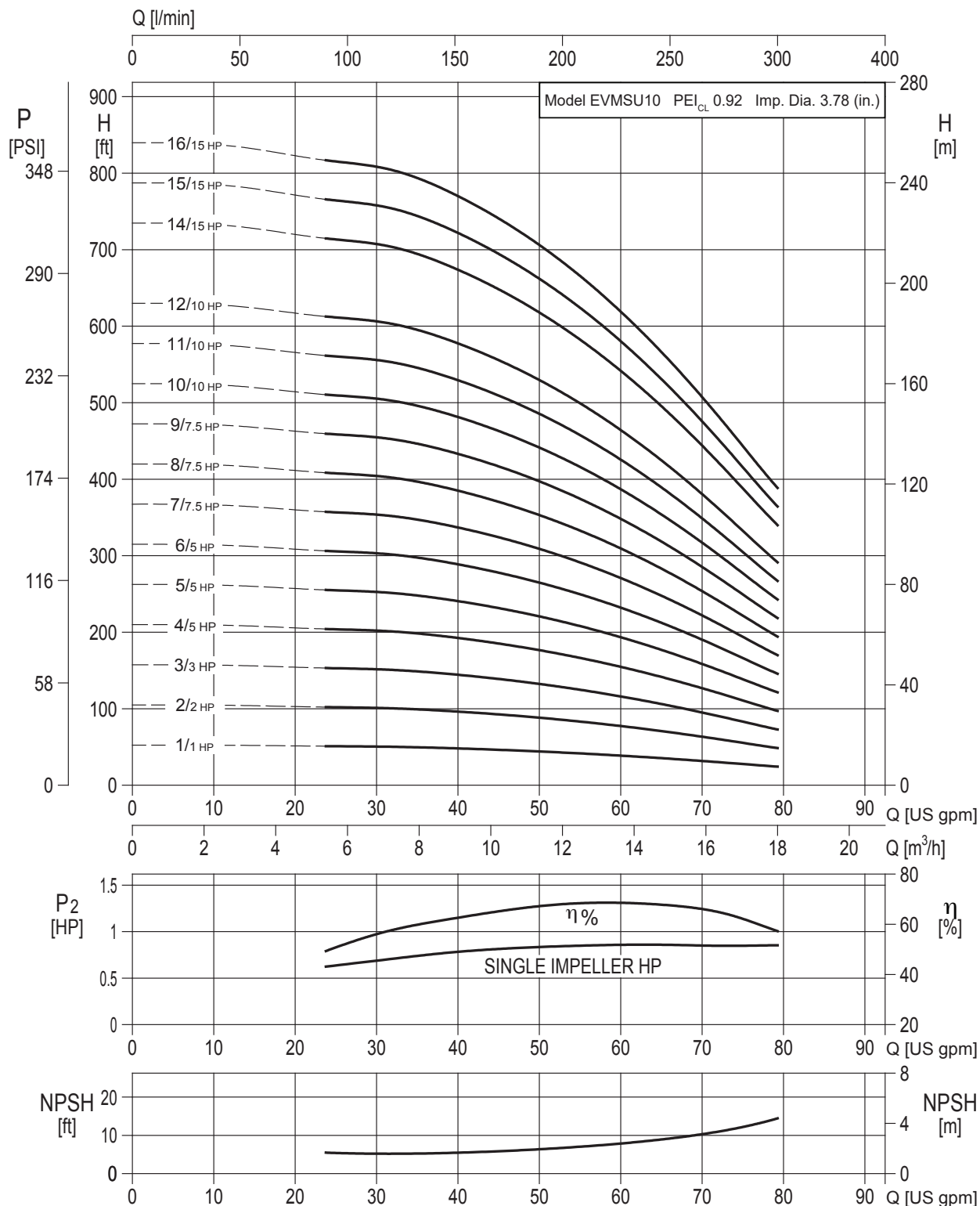
PERFORMANCE CURVES

EVMSU10 1HP - 15HP

EVMSU10 1 - EVMSU10 16

300# ANSI-compatible 2" 8-Bolt

Nominal Speed: 3500 RPM



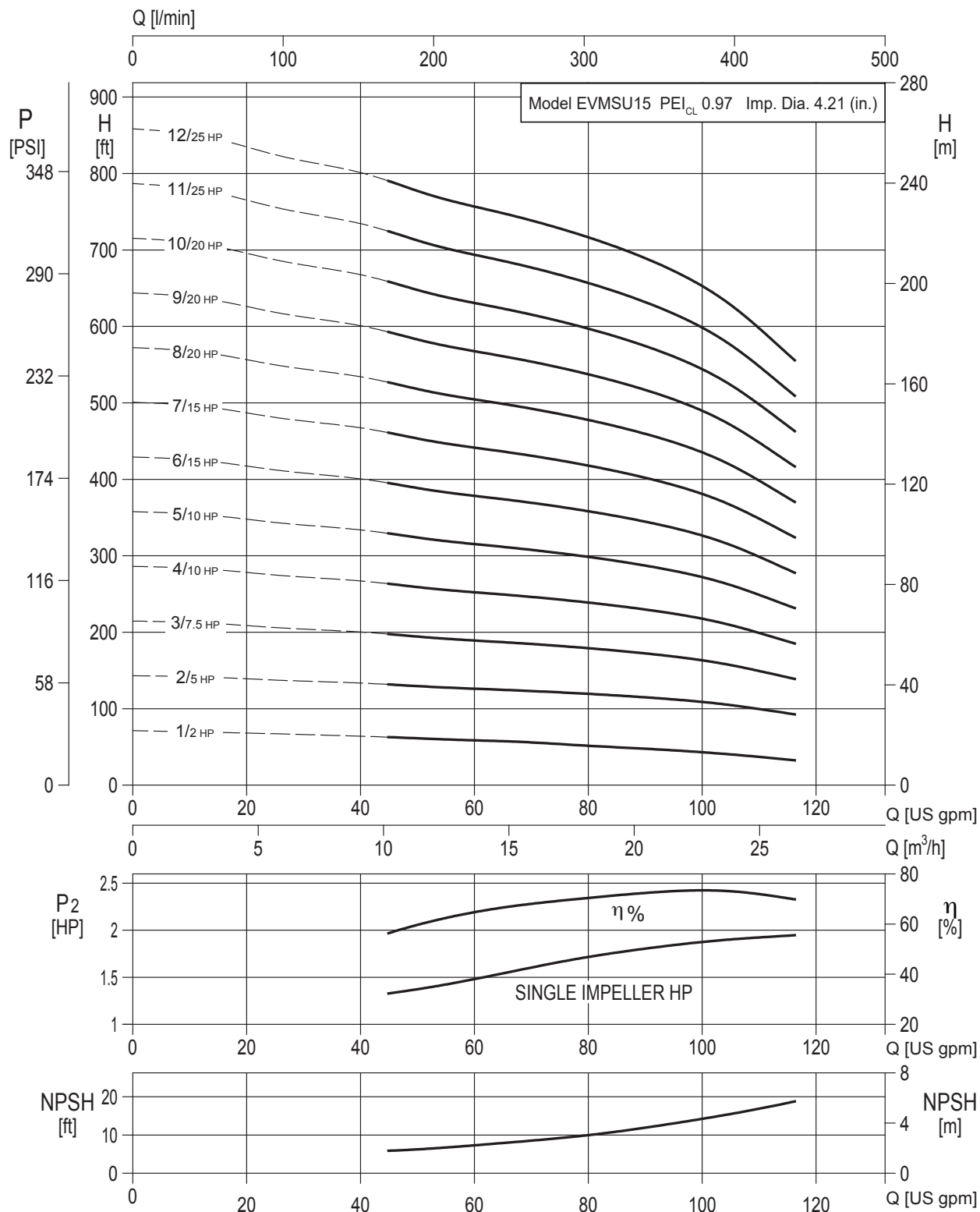
PERFORMANCE CURVES

EVMSU15 2HP - 25HP

EVMSU15 1 - EVMSU15 12

300# ANSI-compatible 2" 8-Bolt

Nominal Speed: 3500 RPM



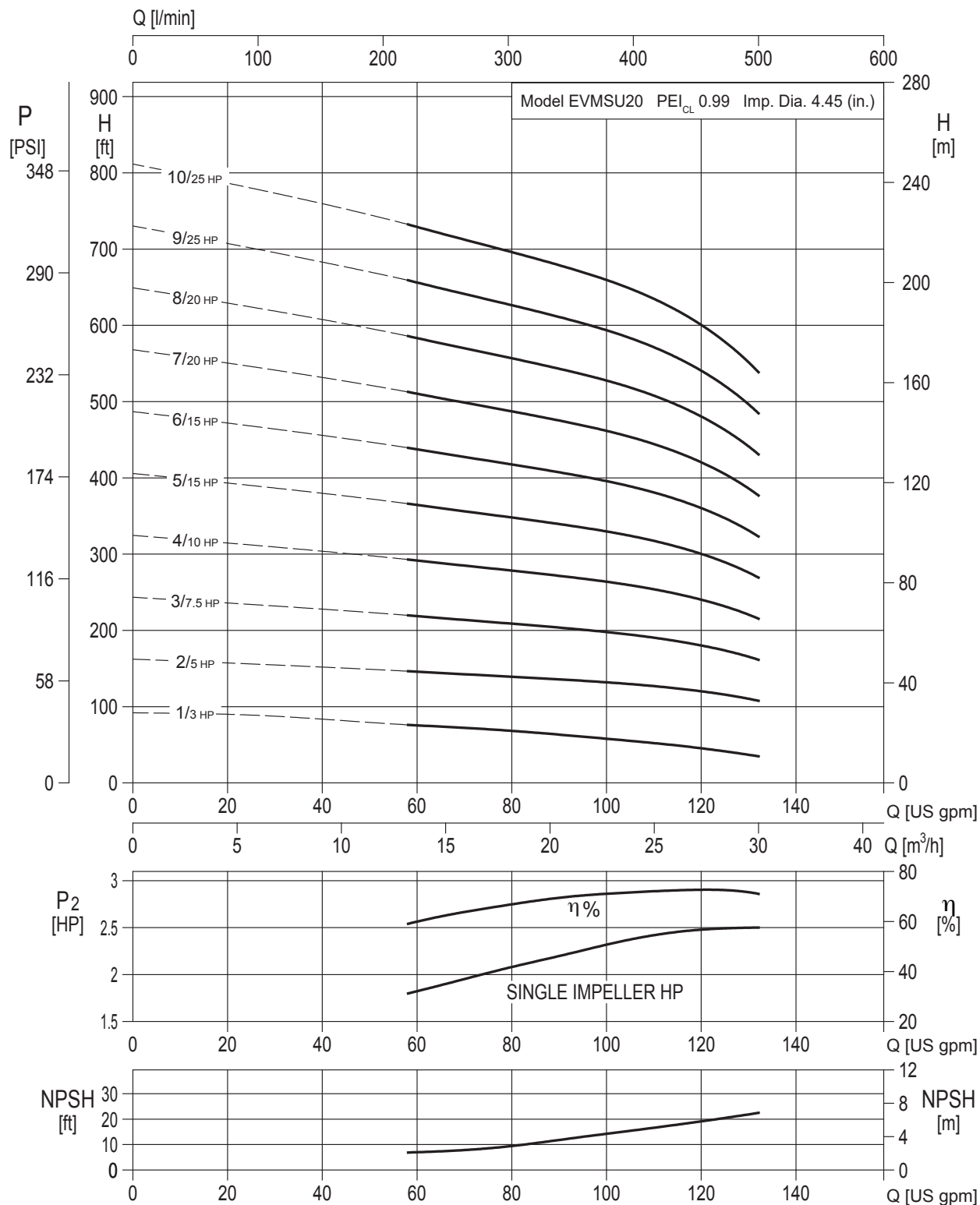
PERFORMANCE CURVES

EVMSU20 3HP - 25HP

EVMSU20 1 - EVMSU20 10

300# ANSI-compatible 2" 8-Bolt

Nominal Speed: 3500 RPM

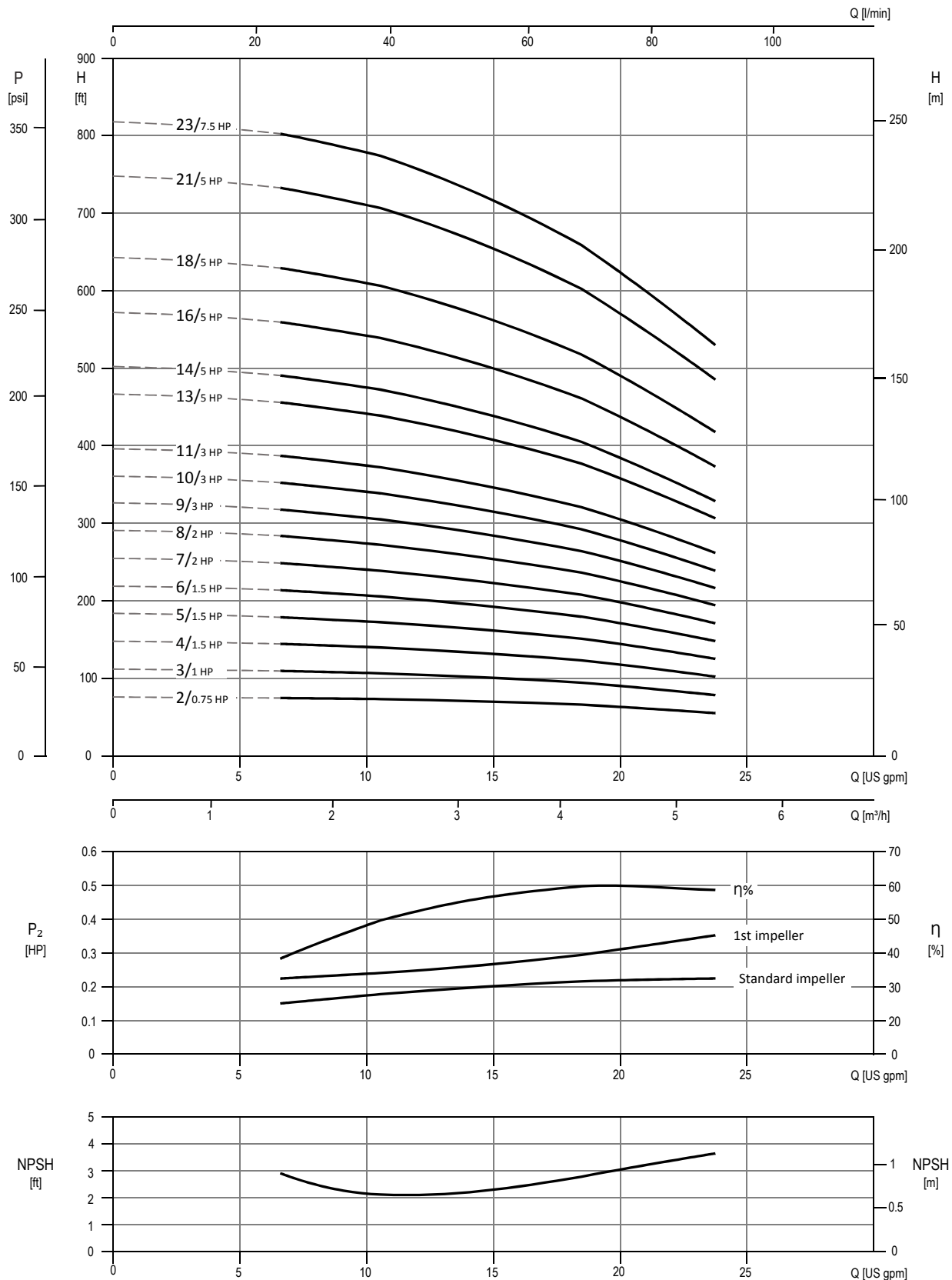


PERFORMANCE CURVES

EVMSU(L)N3

300# ANSI-compatible 1¼" 4-Bolt

Nominal Speed: 3500 RPM



EBARA

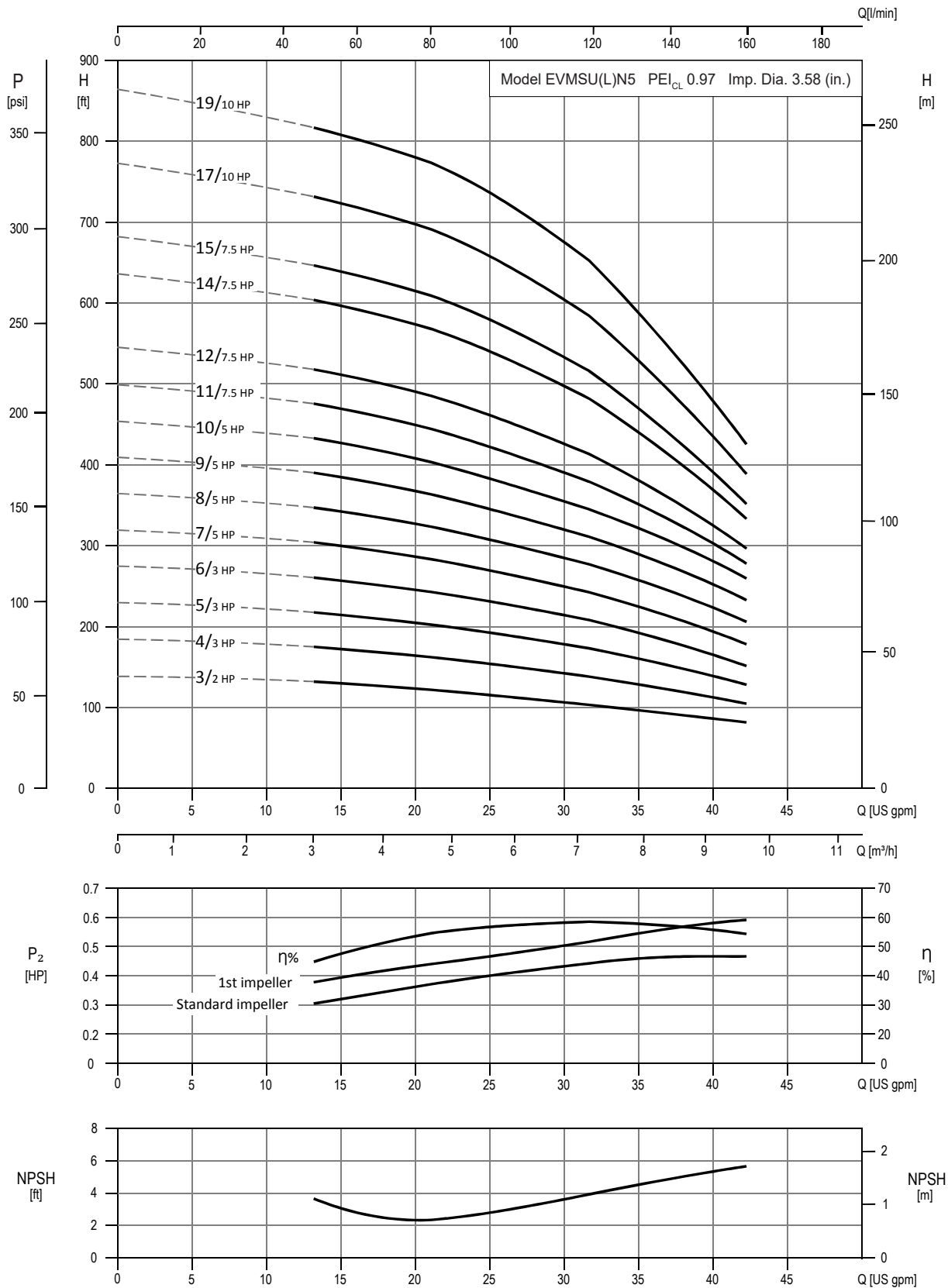
EBARA Pumps Americas Corporation
www.pumpsebara.com

PERFORMANCE CURVES

EVMSU(L)N5

300# ANSI-compatible 1¼" 4-Bolt

Nominal Speed: 3500 RPM

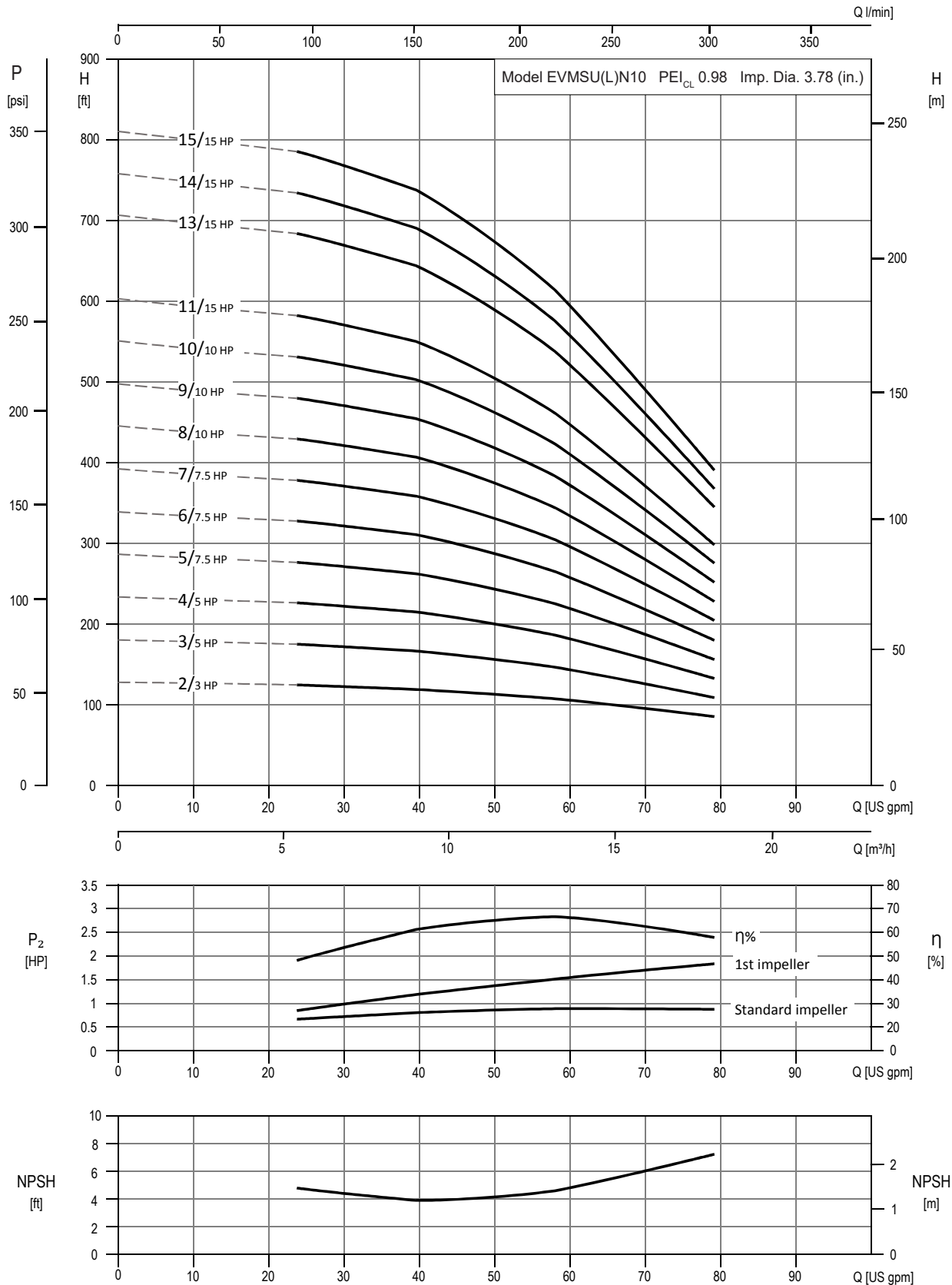


PERFORMANCE CURVES

EVMSU(L)N10

300# ANSI-compatible 2" 8-Bolt

Nominal Speed: 3500 RPM



EBARA

EBARA Pumps Americas Corporation

www.pumpsebara.com

PERFORMANCE CURVES

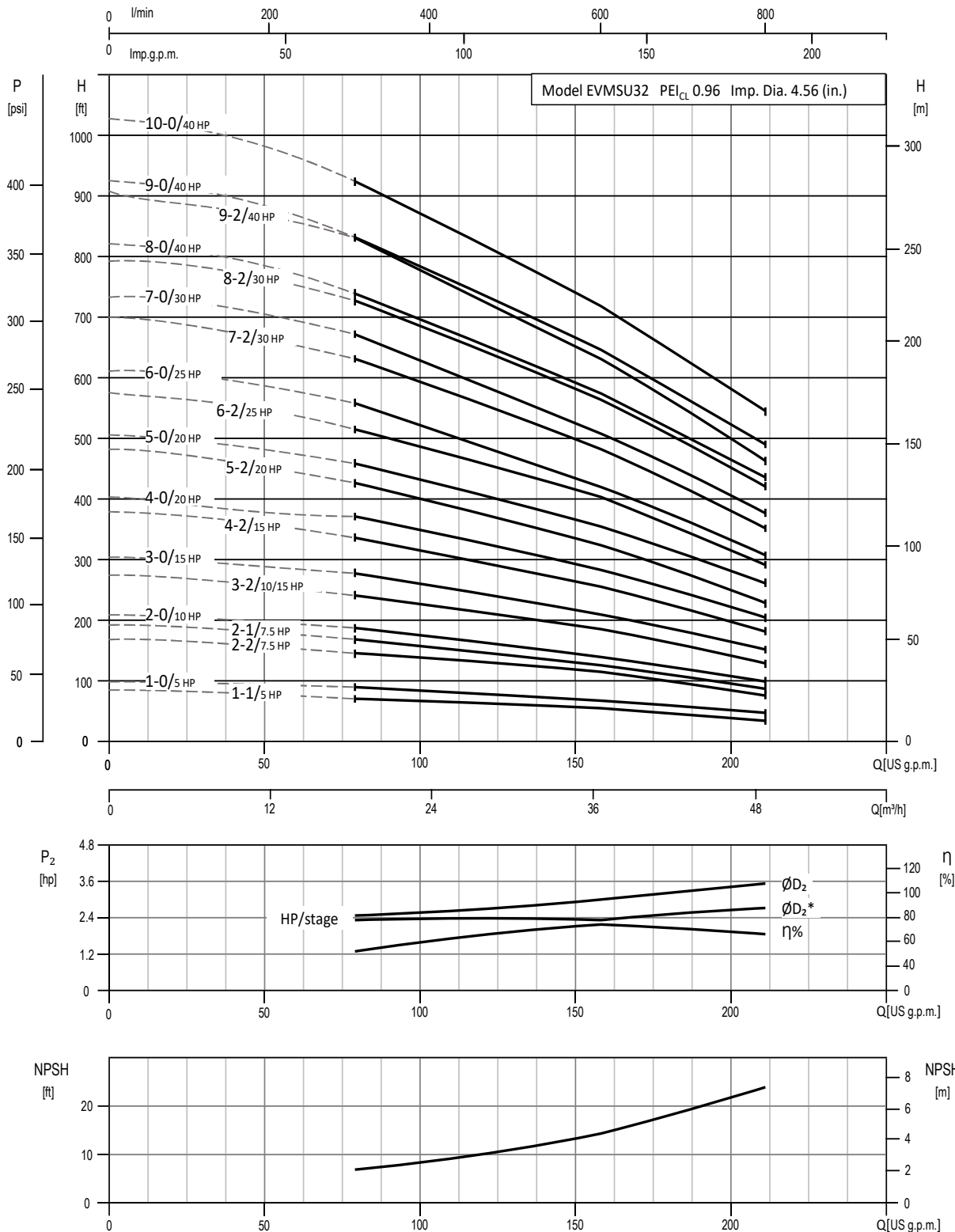
EVMSU32 5HP - 40HP

EVMSU32 1-1 - EVMSU32 5 150# ANSI-compatible 2½" 4-Bolt

Nominal Speed for < 30HP: 3500 RPM

EVMSU32 6-2 - EVMSU32 10 300# ANSI-compatible 2½" 8-Bolt

Nominal Speed for 30 & > 30HP: 3550 RPM



PERFORMANCE CURVES

EVMSU45 7½HP - 50HP

EVMSU45 1-1 - EVMSU45 4

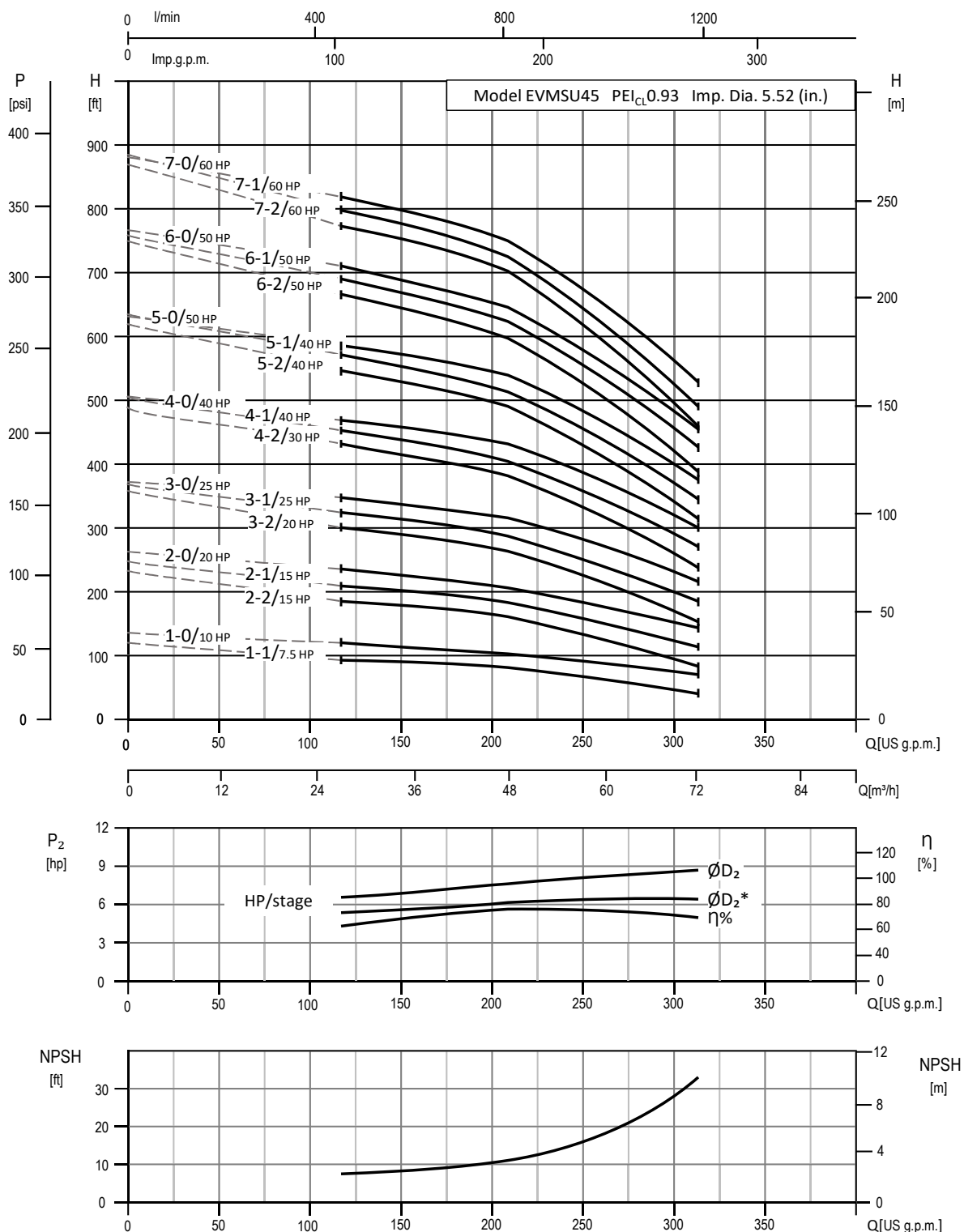
150# ANSI-compatible 3" 4-Bolt

Nominal Speed for < 30HP: 3500 RPM

EVMSU45 5-2 - EVMSU45 7

300# ANSI-compatible 3" 8-Bolt

Nominal Speed for 30 & > 30HP: 3550 RPM



PERFORMANCE CURVES

EVMSU64 10HP - 60HP

EVMSU64 1 - EVMSU64 3

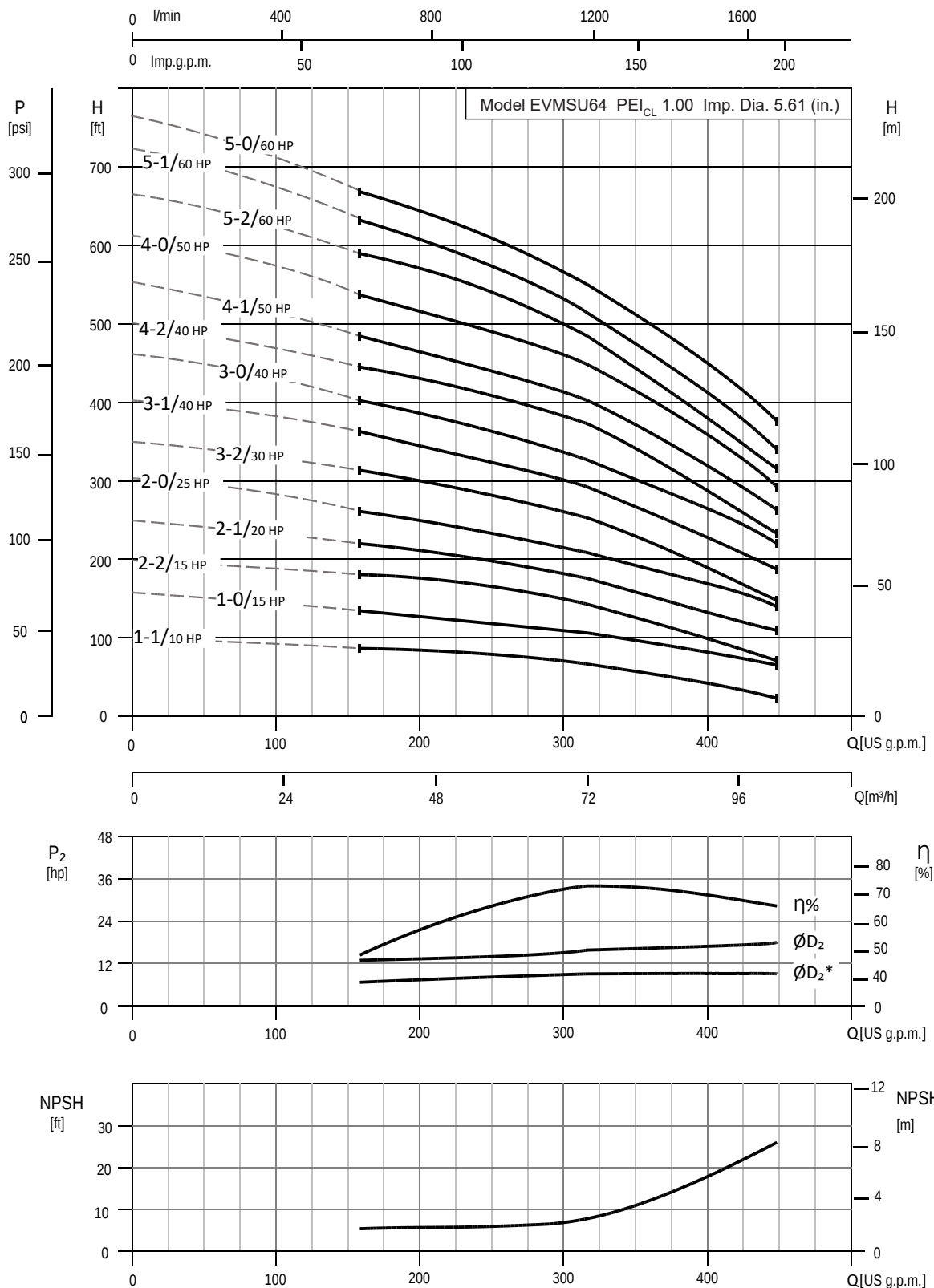
150# ANSI-compatible 3" 8-Bolt

Nominal Speed for < 30HP: 3500 RPM

EVMSU64 4-2 - EVMSU64 5

300# ANSI-compatible 3" 8-Bolt

Nominal Speed for 30 & > 30HP: 3550 RPM



PERFORMANCE CURVES

EVMSU90 15HP - 60HP

EVMSU90 1 - EVMSU90 3

150# ANSI-compatible 3" 8-Bolt

Nominal Speed for < 30HP: 3550 RPM

EVMSU90 4-2

300# ANSI-compatible 3" 8-Bolt

Nominal Speed for 30 & > 30HP: 3550 RPM

