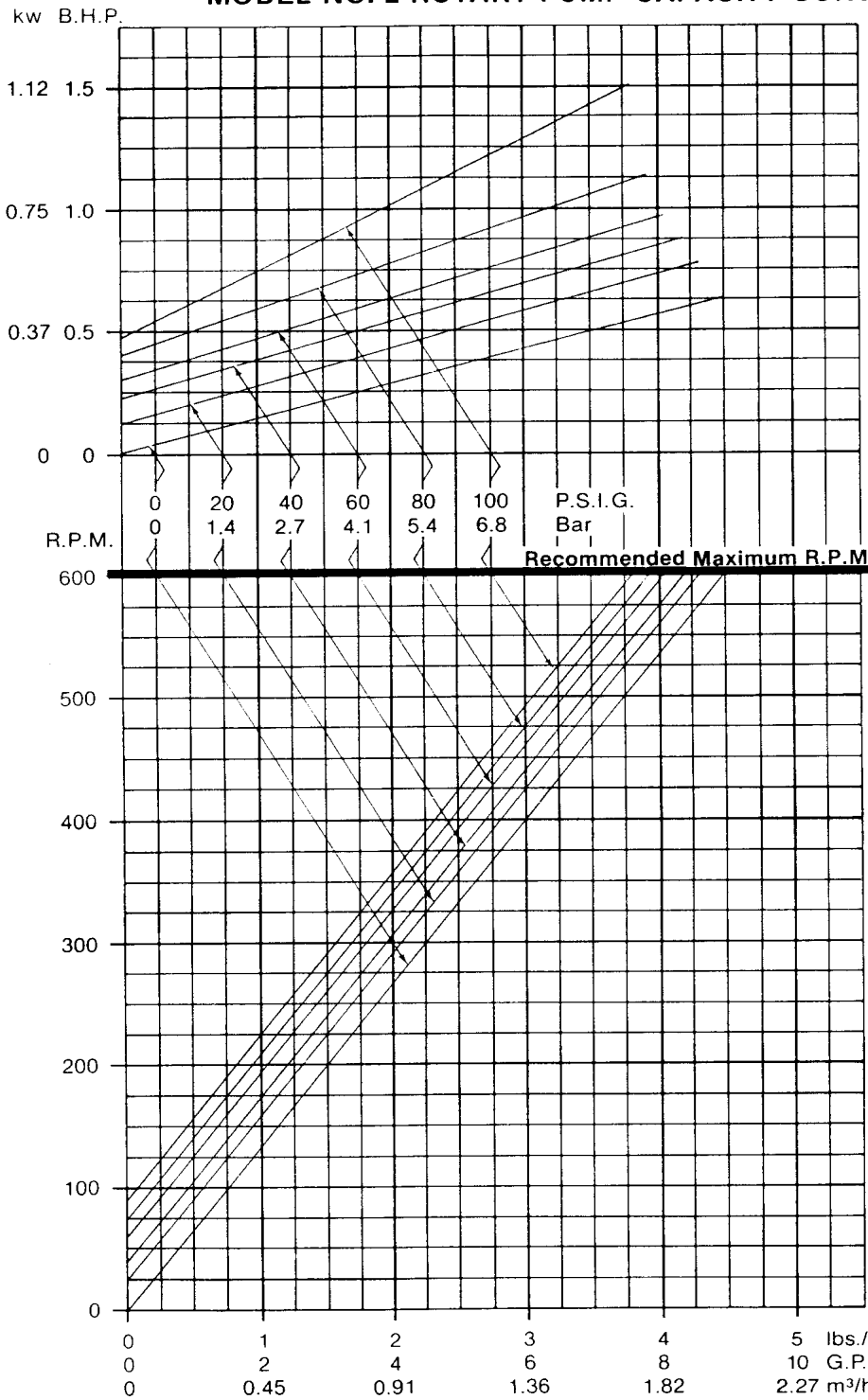


APV CREPACO, INC. SELECTION DATA

MODEL NO. 2 ROTARY PUMP CAPACITY CURVE



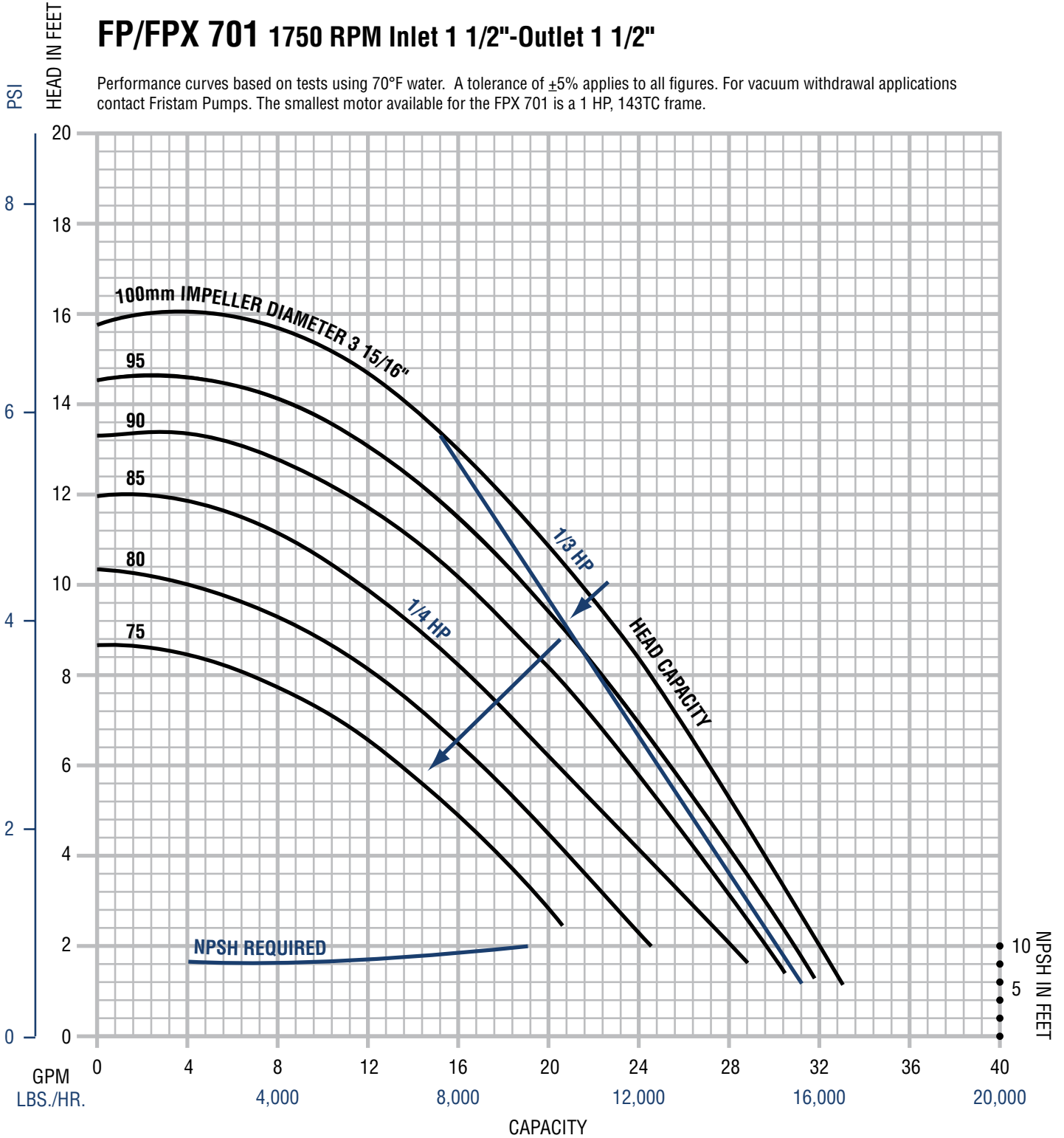
Note: Displacement
per 100 revolution:
1.50 U.S. gal (5.7 liters)
12.8 lbs water (5.8 kg)
Curves apply to fitting size
1½ in. (38 mm)

NOTE: Rotary Pump capacity is based on complete filling of the resilient rotor lobes with water (31 SSU) or products similar to water. High viscosity products may not perform similarly. Additional engineering information is available on request.
* Based on standard 5-lobe normal size rubber covered rotors with water at 70° F (20° C).

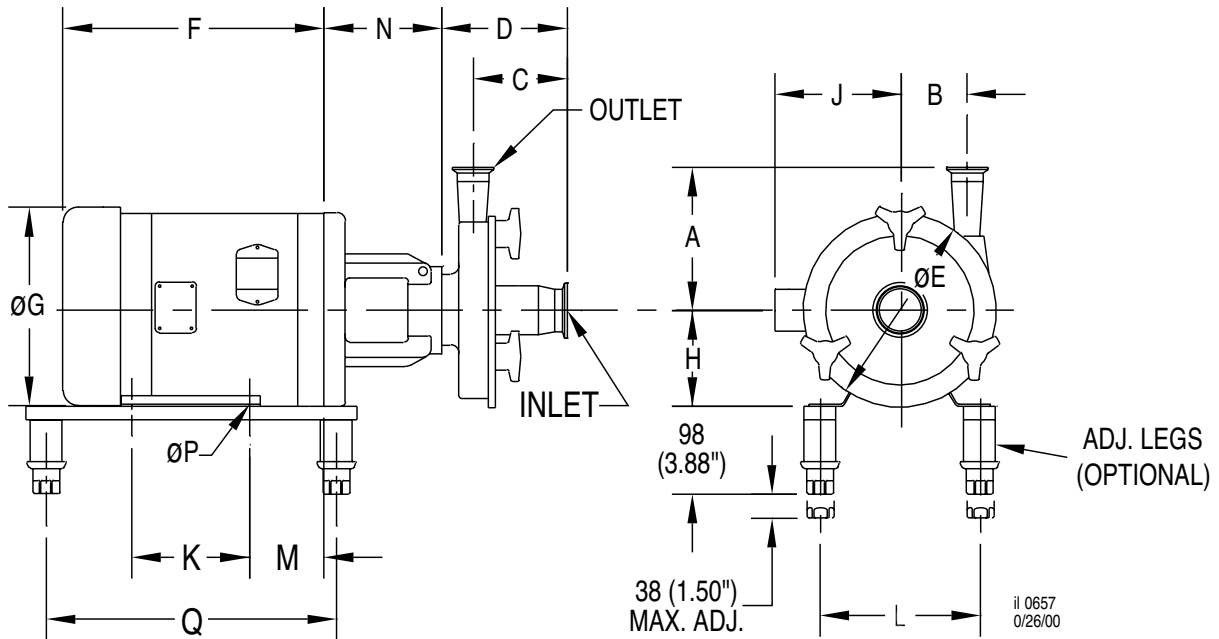


FP/FPX 701 1750 RPM Inlet 1 1/2"-Outlet 1 1/2"

Performance curves based on tests using 70°F water. A tolerance of $\pm 5\%$ applies to all figures. For vacuum withdrawal applications contact Fristam Pumps. The smallest motor available for the FPX 701 is a 1 HP, 143TC frame.



FPX Single Flange Dimensions



NOTE:

- (1) Motor dimensions may vary depending on manufacturer requested.
- (2) Pump dimensions are based on clamp fittings.
- (3) All dimensions are in Millimeters (Inches).

PUMP MODEL	INLET	OUTLET	DIMENSIONS IN MILLIMETERS (INCHES)					MOTOR HP		MOTOR FRAME	DIMENSIONS IN MILLIMETERS (INCHES)										
			A	B	C	D	ØE	1750 RPM	3500 RPM		F	ØG	H	J	K	L	M	N	ØP	Q	
FPX 701/702	1.5"	1.5"	108 (4.25")	44.5 (1.75")	108.5 (4.27")	146.5 (5.77")	150 (5.90")	1 HP	1.5 HP	143TC	281 (11.06")	183 (7.19")	89 (3.50")	133 (5.22")	102 (4.00")	140 (5.50")	70 (2.75")	120 (4.72")	8.7 (11/32")	343 (13.50")	
								1.5 HP	145TC	281 (11.06")	183 (7.19")	89 (3.50")	133 (5.22")	102 (4.00")	140 (5.50")	70 (2.75")	120 (4.72")	8.7 (11/32")	343 (13.50")		
FPX 711/712	2"	1.5"	144 (5.67")	58 (2.28")	113 (4.45")	150 (5.90")	185 (7.28")	2 HP	2 HP	145TC	281 (11.06")	183 (7.19")	89 (3.50")	133 (5.22")	102 (4.00")	140 (5.50")	70 (2.75")	120 (4.72")	8.7 (11/32")	343 (13.50")	
								3 HP	182TC	313 (12.31")	183 (7.19")	114 (4.50")	132 (5.21")	140 (5.50")	191 (7.50")	89 (3.50")	140 (5.53")	10.3 (13/32")	343 (13.50")		
FPX 721/731/722	2"	1.5"	170 (6.69")	79 (3.11")	113 (4.45")	150 (5.90")	230 (9.06")	3 HP	3 HP	182TC	348 (13.69")	183 (7.19")	114 (4.50")	132 (5.21")	140 (5.50")	191 (7.50")	89 (3.50")	140 (5.53")	10.3 (13/32")	343 (13.50")	
								5 HP	184TC	347 (13.68")	216 (8.50")	114 (4.50")	152 (5.97")	140 (5.50")	191 (7.50")	89 (3.50")	140 (5.53")	10.3 (13/32")	343 (13.50")		
FPX 741/732/742	2.5"	2"	195 (7.68")	96 (3.78")	101 (3.98")	141 (5.55")	270 (10.63")	5 HP	5 HP	184TC	386 (15.18")	216 (8.50")	114 (4.50")	152 (5.97")	140 (5.50")	191 (7.50")	89 (3.50")	140* (5.53")	10.3 (13/32")	343 (13.50")	
								7.5 HP	184TC	386 (15.18")	216 (8.50")	114 (4.50")	152 (5.97")	140 (5.50")	191 (7.50")	89 (3.50")	140 (5.53")	10.3 (13/32")	343 (13.50")		
FPX 1741/1732/1742	2.5"	2"	200 (7.87")	91 (3.58")	104 (4.09")	150.5 (5.93")	270 (10.63")	5 HP	5 HP	184TC	388 (15.27")	263 (10.34")	133 (5.25")	189 (7.46")	140 (5.50")	216 (8.50")	108 (4.25")	108 (4.25")	140* (5.53")	10.3 (13/32")	343 (13.50")
								7.5 HP	213TC	388 (15.27")	263 (10.34")	133 (5.25")	189 (7.46")	140 (5.50")	216 (8.50")	108 (4.25")	108 (4.25")	140* (5.53")	10.3 (13/32")	343 (13.50")	
FPX 3521/3522	2.5"	2"	190 (7.48")	80 (3.15")	118 (4.64")	162 (6.38")	230 (9.06")	10 HP	10 HP	215TC	416 (16.49")	263 (10.34")	133 (5.25")	189 (7.46")	140 (5.50")	216 (8.50")	108 (4.25")	108 (4.25")	140* (5.53")	10.3 (13/32")	343 (13.50")
								15 HP	215TC	436 (17.15")	263 (10.34")	133 (5.25")	189 (7.46")	140 (5.50")	216 (8.50")	108 (4.25")	108 (4.25")	140 (5.53")	10.3 (13/32")	343 (13.50")	
FPX 3531/3532	2.5"	2"	191 (7.52")	95 (3.74")	115.5 (4.55")	162 (6.38")	260 (10.24")	15 HP	15 HP	254TC	447 (17.59")	263 (10.34")	159 (6.25")	225 (8.88")	210 (8.25")	254 (10.00")	121 (4.75")	169 (6.65")	13.5 (17/32")	394 (15.50")	
								20 HP	256TC	491 (19.34")	263 (10.34")	159 (6.25")	225 (8.88")	254 (10.00")	121 (4.75")	169 (6.65")	13.5 (17/32")	394 (15.50")			
FPX 3541/3542	3"	2.5"	211 (8.31")	115 (4.53")	118 (4.64")	162 (6.38")	290 (11.42")	20 HP	20 HP	256TC	499 (19.66")	336 (13.25")	159 (6.25")	239 (9.42")	254 (10.00")	254 (10.00")	121 (4.75")	169 (6.65")	13.5 (17/32")	394 (15.50")	
								25 HP	256TC	499 (19.66")	336 (13.25")	159 (6.25")	239 (9.42")	254 (10.00")	254 (10.00")	121 (4.75")	169 (6.65")	13.5 (17/32")	394 (15.50")		
FPX 3451/3452	3"	2"	211 (8.31")	140 (5.51")	114 (4.49")	158 (6.22")	350 (13.78")	20 HP	20 HP	256TC	499 (19.66")	336 (13.25")	159 (6.25")	239 (9.42")	254 (10.00")	254 (10.00")	121 (4.75")	169 (6.65")	13.5 (17/32")	394 (15.50")	
								25 HP	256TC	499 (19.66")	336 (13.25")	159 (6.25")	239 (9.42")	254 (10.00")	254 (10.00")	121 (4.75")	169 (6.65")	13.5 (17/32")	394 (15.50")		
FPX 3551	3"	2.5"	231 (9.09")	140 (5.51")	119 (4.68")	168 (6.61")	350 (13.78")	20 HP	20 HP	256TC	499 (19.66")	336 (13.25")	159 (6.25")	239 (9.42")	254 (10.00")	254 (10.00")	121 (4.75")	169 (6.65")	13.5 (17/32")	394 (15.50")	
								25 HP	256TC	499 (19.66")	336 (13.25")	159 (6.25")	239 (9.42")	254 (10.00")	254 (10.00")	121 (4.75")	169 (6.65")	13.5 (17/32")	394 (15.50")		

*169 (6.65") FOR 3351 ONLY

il-0656 02/08/00

Performance data AOH-Pumps

n = 1450 rpm
Density = 1kg/l
Viscosity = 1mm²/s

Design tolerances: Output ± 5%
Delivery height ± 5%
Power +10%
Measuring tolerances: DIN 1944

Séries Calibres	Q [m ³ /h]									
	0,2 ⁽¹⁾		0,4		0,6		1,0		1,5 ⁽²⁾	
	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]
AOH 1101	27	0,28	25	0,27	23	0,25	18,5	0,22	12,5	0,18
AOH 1102	50	0,54	46	0,5	42	0,47	34	0,4	23	0,31
AOH 1103	74	0,79	68	0,74	62	0,68	50	0,57	34	0,44
AOH 1104	97	1,05	89	0,97	81	0,9	65	0,75	44	0,57
NPSH 1[m]	1,3		1,3		1,35		1,55		1,95	

Séries Calibres	Q [m ³ /h]									
	0,4 ⁽¹⁾		0,6		1,0		1,5		2,5 ⁽²⁾	
	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]
AOH 1201	30	0,41	28	0,39	24	0,34	18,5	0,28	10	0,2
AOH 1202	55	0,75	51	0,71	44	0,63	34	0,52	18	0,36
AOH 1203	81	1,1	75	1,04	63	0,91	50	0,76	26	0,51
AOH 1204			98	1,36	83	1,2	66	1,0	34	0,67
NPSH 1[m]	1,3		1,4		1,6		2,0		3,3	

Séries Calibres	Q [m ³ /h]									
	1,0 ⁽¹⁾		1,5		2,5		3,5		4,5 ⁽²⁾	
	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]
AOH 3101	44	1,06	39	0,96	30	0,76	21	0,58	13	0,46
AOH 3102	83	2,05	74	1,84	57	1,46	40	1,12	25	0,88
AOH 3103					84	2,15	59	1,66	37	1,3
NPSH 1[m]	1,0		1,05		1,25		1,45		2,1	

Séries Calibres	Q [m ³ /h]									
	3,5 ⁽¹⁾		4,5		6,0		7,5 ⁽²⁾			
	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]	H [m]	P [kW]		
AOH 3601	31	1,1	24	0,88	15	0,65	6	0,45		
AOH 3602	59	2,1	46	1,7	29	1,26	12,5	0,89		
AOH 3603	87	3,05	68	2,5	43	1,88	18,5	1,32		
NPSH 1[m]	1,4		1,7		2,45		3,35			

⁽¹⁾: Minimum operating flow
⁽²⁾: Maximum operating flow