

Submersible Pump Selection Guide

Performance Curves
and Selection Charts
for *WEBTROL*
WT Series and WS Series
Submersible Pumps



WEBTROL

There when you need us most



WT Series
Stainless Steel Fitted
Submersible
Pump End

HP Range: .5 - 15 HP, 60Hz
 Capacities to 100 GPM
 Heads to 1,360'

Pages 1 - 12

WT SERIES CONSTRUCTION MATERIALS	
Part	Material
Discharge Head	304 SS
Diffuser Plate	Polycarbonate
Impeller	Glass Reinforced Noryl
Bowl	304 SS
Hex Shaft	304 SS
Pump Housing	304 SS
Motor Bracket	304 SS
Intake Screen	304 SS
Cable Guard	304 SS



WS Series
All Stainless Steel
Submersible
Pump End

HP Range: .5 - 200 HP, 60 Hz
 Capacities to 1,400 GPM
 Heads to 1,800'

Pages 13 - 27

WS SERIES CONSTRUCTION MATERIALS	
Part	Material
Discharge Head	304 SS
Top Diffuser	304 SS
Diffusers	304 SS/Buna-N
Impeller	304 SS
Bowl	304 SS
Hex Shaft	304 SS
Pump Housing	304 SS
Motor Bracket	304 SS
Strainer	304 SS

EXAMPLE of pump **Model**
Number configuration:

MODEL NO.: WT10202C3

Series/Nominal Rated Flow (GPM)

Horsepower

Divide by 10 for Rated Motor Horsepower
 (Example 15 ÷ 10 = 1.5 or 1 1/2HP)

Voltage

1 = 115V 8 = 200V 2 = 230V 4 = 460V 5 = 575V

Wire/Control

Blank = 2 wire C = Optional Control

Phase (PH)

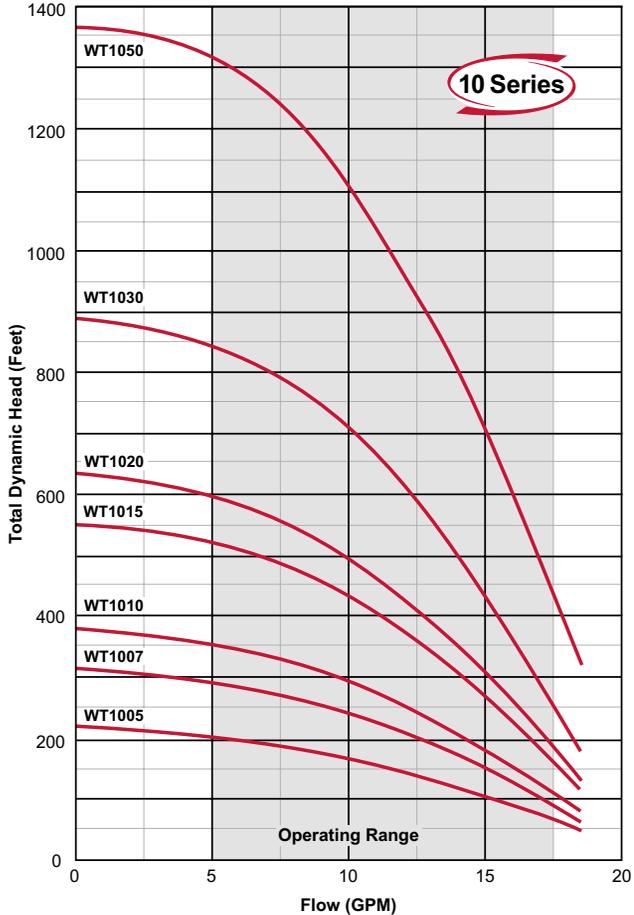
Blank = 1PH 3 = 3PH

Note:

The **Performance Curves** in this guide are based on factory tests when pumping clear, fresh, non-aerated water at a temperature not exceeding 85 °F. Due to production tolerances, these curves can vary plus or minus five percent.

The **Selection Charts** include friction losses.

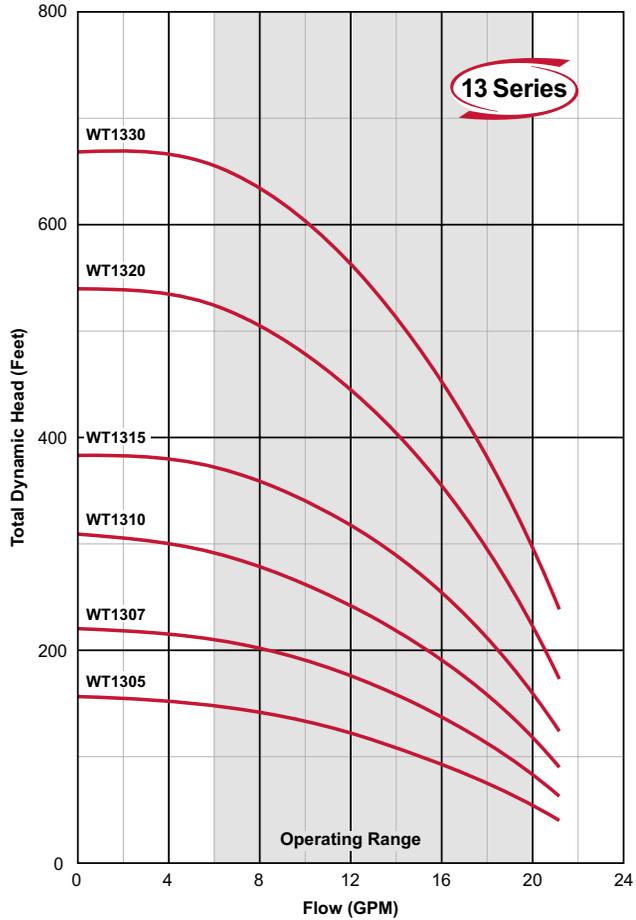
PERFORMANCE CURVES



SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																													
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820		
WT1005	1/2	0			17.5	16.3	14.9	13.5	12.0	10.3	8.0	4.8																				
		20	17.2	15.9	14.5	13.1	11.5	9.6	7.2	3.5																						
		30	15.7	14.3	12.9	11.3	9.3	6.8	2.7																							
		40	14.1	12.7	11.0	9.0	6.3	2.0																								
		50	12.4	10.7	8.7	5.8	1.0																									
		60	10.5	8.3	5.2																											
Shut-off PSI			86	77	68	60	51	42	34	25	16	8																				
WT1007	3/4	0			17.8	17.1	16.3	15.5	14.6	13.6	12.6	11.4	10.1	8.5	6.5	3.7																
		20	18.3	17.6	16.8	16.0	15.2	14.3	13.3	12.2	11.0	9.6	8.0	5.8	2.5																	
		30	17.5	16.7	15.9	15.1	14.2	13.1	12.0	10.8	9.4	7.6	5.3	1.8																		
		40	16.6	15.8	14.9	14.0	13.0	11.9	10.6	9.2	7.4	5.0	1.1																			
		50	15.7	14.8	13.9	12.8	11.7	10.4	9.0	7.1	4.5	0.3																				
		60	14.7	13.7	12.7	11.5	10.2	8.7	6.8	4.0																						
Shut-off PSI			128	119	111	102	94	85	76	68	59	50	42	33	24	16	7															
WT1010	1	0			18.3	17.7	17.0	16.3	15.6	14.8	14.0	13.2	12.4	11.5	10.5	9.4	6.2															
		20			18.2	17.5	16.8	16.1	15.3	14.6	13.8	13.0	12.2	11.2	10.2	9.0	7.5	5.5														
		30	18.0	17.4	16.7	16.0	15.2	14.5	13.7	12.9	11.1	10.0	8.8	7.3	5.1	3.9																
		40	17.3	16.6	15.8	15.1	14.4	13.6	12.8	11.9	11.0	9.9	8.6	7.0	4.8	1.4																
		50	16.5	15.7	15.0	14.2	13.4	12.6	11.8	10.8	9.7	8.4	6.7	4.3	0.5																	
		60	15.6	14.9	14.1	13.3	12.5	11.6	10.6	9.5	8.1	6.4	3.8																			
Shut-off PSI			154	146	137	129	120	111	103	94	85	77	68	59	51	42	33	16														
WT1015	1 1/2	0				18.1	17.8	17.3	16.8	16.4	16.0	15.5	15.0	14.5	14.0	13.4	12.8	11.6	10.3	8.6	6.3	1.8										
		20				18.1	17.7	17.2	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.3	12.8	12.2	10.9	9.3	7.4	4.3										
		30				18.4	18.0	17.6	17.2	16.7	16.3	15.8	15.3	14.9	14.4	13.8	13.3	12.7	12.1	11.5	10.1	8.3	5.9									
		40	18.4	18.0	17.6	17.2	16.7	16.3	15.8	15.3	14.9	14.4	13.8	13.3	12.7	12.1	11.5	10.1	8.3	5.9												
		50	18.0	17.5	17.1	16.6	16.2	15.7	15.3	14.8	14.3	13.7	13.2	12.6	12.0	11.3	10.6	9.1	7.0	3.6												
		60	17.4	17.0	16.6	16.1	15.7	15.2	14.7	14.2	13.7	13.1	12.5	11.9	11.2	10.6	9.8	8.0	5.4													
Shut-off PSI			230	222	213	204	196	187	178	170	161	152	144	135	126	118	109	92	74	57	40	23	5									
WT1020	2	0					18.2	17.8	17.4	17.1	16.7	16.3	15.9	15.5	15.0	14.6	14.1	13.1	12.1	10.9	9.7	8.1	6.0	2.3								
		20					18.1	17.7	17.4	17.0	16.6	16.2	15.8	15.4	15.0	14.5	14.1	13.6	12.5	11.4	10.2	8.8	7.0	4.2								
		30					18.4	18.1	17.7	17.3	17.0	16.6	16.2	15.8	15.3	14.9	14.4	14.0	13.5	13.0	11.9	10.8	9.4	7.8	5.6	1.5						
		40	18.4	18.0	17.6	17.3	16.9	16.5	16.1	15.7	15.3	14.8	14.4	13.9	13.4	12.9	12.4	11.2	10.0	8.6	6.7	3.6										
		50	18.0	17.6	17.2	16.8	16.4	16.0	15.6	15.2	14.8	14.3	13.8	13.3	12.8	12.3	11.7	10.6	9.2	7.6	5.2	0.2										
		60	18.0	17.6	17.2	16.8	16.4	16.0	15.6	15.2	14.7	14.2	13.7	13.1	12.5	11.9	11.2	10.6	9.8	8.0	5.4											
Shut-off PSI			268	259	251	242	233	225	216	207	199	190	181	173	164	155	147	129	112	95	77	60	43	26	8							
WT1030	3	0							18.4	18.1	17.8	17.6	17.3	17.0	16.8	16.2	15.7	15.1	14.5	13.9	13.2	12.6	11.8	11.0	10.1	9.1	7.8	6.1				
		20							18.3	18.0	17.7	17.5	17.2	17.0	16.7	16.4	16.1	15.6	15.0	14.4	13.8	13.2	12.5	11.7	10.9	10.0	8.9	7.6	5.8	3.0		
		30							18.3	18.0	17.7	17.5	17.2	16.9	16.6	16.4	16.1	15.8	15.2	14.7	14.1	13.4	12.8	12.1	11.3	10.4	9.4	8.2	6.6	4.4		
		40							18.2	18.0	17.7	17.4	17.2	16.9	16.6	16.3	16.1	15.8	15.5	14.9	14.3	13.7	13.0	12.4	11.6	10.8	9.9	8.7	7.3	5.5	2.4	
		50							18.4	18.1	17.9	17.6	17.4	17.1	16.8	16.5	16.3	16.0	15.7	15.4	15.2	14.6	14.0	13.3	12.7	11.9	11.1	10.3	9.2	8.0	6.3	4.0
		60	18.4	18.1	17.9	17.6	17.3	17.1	16.8	16.5	16.2	16.0	15.7	15.4	15.1	14.8	14.2	13.6	13.0	12.3	11.5	10.6	9.7	8.5	7.1	5.1	1.5					
Shut-off PSI			366	358	349	340	332	323	314	306	297	288	280	271	262	254	236	219	202	184	167	150	132	115	98	81	63	46	29			

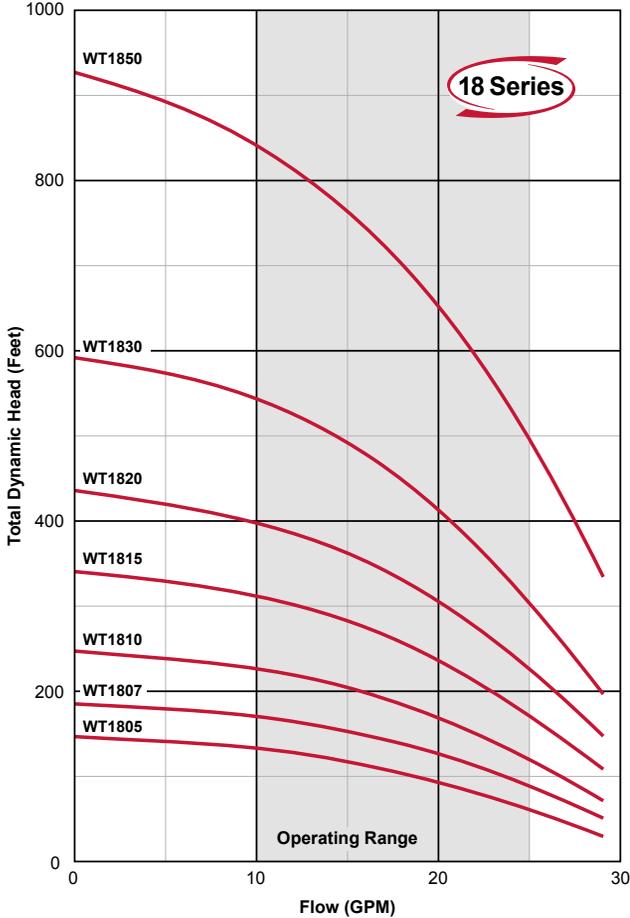
PERFORMANCE CURVES



SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																													
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820		
WT1305	1/2	0	21.2	19.5	17.5	15.1	12.4	8.6																								
		20	18.9	16.8	14.4	11.5	7.0																									
		30	16.5	13.9	10.9	5.6																										
		40	13.6	10.5	4.6																											
		50	9.8	2.2																												
		60																														
Shut-off PSI			59	51	42	33	25	16	7																							
WT1307	3/4	0			20.2	18.9	17.5	15.8	13.9	11.6	8.5																					
		20	21.0	19.8	18.5	17.0	15.3	13.3	10.8	7.3																						
		30	19.7	18.3	16.7	15.0	12.9	10.3	6.5																							
		40	18.1	16.5	14.8	12.6	10.0	5.8																								
		50	16.2	14.4	12.2	9.4	4.3																									
		60	14.1	11.8	8.8																											
Shut-off PSI			87	78	70	61	52	44	35	26	18	9																				
WT1310	1	0			20.8	19.9	19.0	17.9	16.7	15.4	13.9	12.2	10.3	7.9	4.4																	
		20			20.6	19.7	18.7	17.6	16.4	15.0	13.4	11.7	9.7	7.1	2.3																	
		30			20.4	19.5	18.5	17.4	16.2	14.8	13.2	11.4	9.3	6.6	0.9																	
		40			20.3	19.4	18.4	17.3	16.0	14.6	12.9	11.1	9.0	6.1																		
		50			19.2	18.2	17.0	15.7	14.3	12.7	10.8	8.6	5.5																			
		60			18.1	16.9	15.6	14.1	12.4	10.5	8.2	5.0																				
Shut-off PSI			126	117	108	100	91	82	74	65	56	48	39	30	22	13	4															
WT1315	1 1/2	0				20.6	20.0	19.3	18.5	17.7	16.8	15.7	14.6	13.4	10.2	4.5																
		20				20.5	19.8	19.0	18.3	17.4	16.5	15.4	14.3	12.9	11.4	9.6																
		30			21.0	20.4	19.7	19.0	18.1	17.3	16.3	15.3	14.1	12.7	11.1	9.3	6.7															
		40			20.9	20.3	19.6	18.8	18.0	17.1	16.2	15.1	13.9	12.5	10.8	9.0	6.4															
		50			20.8	20.2	19.5	18.7	17.9	17.0	16.0	14.9	13.7	12.3	10.6	8.6	5.7															
		60			20.1	19.4	18.6	17.8	16.9	15.9	14.8	13.5	12.1	10.4	8.3	5.2																
Shut-off PSI			158	149	141	132	123	115	106	97	89	80	71	63	54	45	37	19	2													
WT1320	2	0					20.9	20.4	19.9	19.4	18.9	18.3	17.7	17.0	16.4	14.8	13.1	10.9	8.1													
		20					20.8	20.3	19.8	19.3	18.7	18.2	17.5	16.9	16.2	15.5	13.8	11.8	9.4	5.6												
		30					20.8	20.3	19.8	19.3	18.7	18.2	17.5	16.9	16.2	15.4	14.6	12.8	10.6	7.6												
		40						21.2	20.7	20.2	19.7	19.2	18.6	18.0	17.4	16.7	16.0	15.3	14.5	13.6	11.5	9.0	4.5									
		50						21.1	20.6	20.2	19.6	19.1	18.5	17.9	17.3	16.6	15.9	15.2	14.3	13.4	12.4	10.1	7.0									
		60							20.8	20.4	20.0	19.6	19.1	18.6	18.1	17.6	17.1	16.5	15.3	13.9	12.3	10.4	7.8									
Shut-off PSI			217	209	200	191	183	174	165	157	148	139	131	122	113	105	87	70	53	35	18											
WT1330	3	0									21.0	20.6	20.1	19.6	19.0	18.5	17.9	16.6	15.1	13.3	11.2	8.6										
		20									20.9	20.5	20.1	19.7	19.3	18.8	18.3	17.7	16.4	14.8	13.1	10.9	8.1									
		30										21.0	20.6	20.2	19.7	19.3	18.8	18.3	17.3	16.2	14.9	13.5	11.8	9.8	6.9							
		40											20.9	20.5	20.1	19.7	19.3	18.8	18.3	17.8	16.7	15.4	14.1	12.6	10.8	8.3						
		50												20.9	20.5	20.1	19.6	19.2	18.7	18.2	17.7	17.1	16.0	14.7	13.2	11.5	9.4	6.2				
		60													20.8	20.4	20.0	19.6	19.1	18.6	18.1	17.6	17.1	16.5	15.3	13.9	12.3	10.4	7.8			
Shut-off PSI										238	229	221	212	203	195	186	177	169	160	143	126	108	91	74	56	39	22	4				

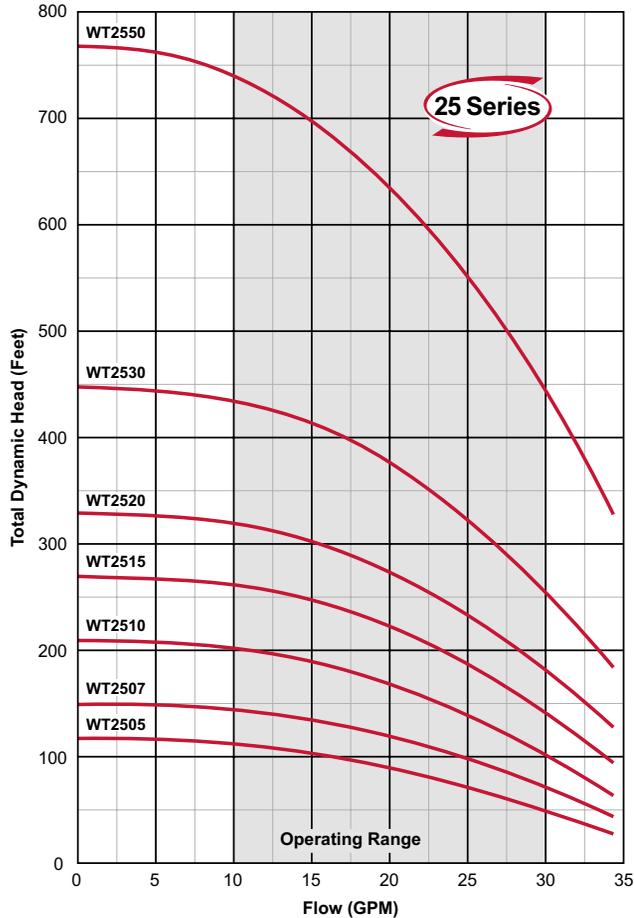
PERFORMANCE CURVES



SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																														
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820	860		
WT1805	1/2	0	27.8	25.1	22.1	18.7	14.3	5.8																									
		20	24.3	21.2	17.5	12.7	5.0																										
		30	20.6	16.8	11.7																												
		40	16.2	10.5																													
		50	9.0																														
		60																															
Shut-off PSI		55	46	38	29	20	12	3																									
WT1807	3/4	0	28.1	26.0	23.6	21.0	17.6	13.2	4.6																								
		20	27.5	25.3	22.9	20.1	16.5	11.6																									
		30	24.9	22.5	19.6	15.8	10.5																										
		40	22.1	19.1	15.2	9.3																											
		50	18.6	14.5	7.9																												
		60	13.8	6.1																													
Shut-off PSI		71	63	54	45	37	28	19	11	2																							
WT1810	1	0	28.4	26.7	25.0	23.1	21.0	18.6	15.7	11.8	4.1																						
		20	27.9	26.2	24.4	22.5	20.3	17.8	14.7	10.1	0.7																						
		30	27.7	25.9	24.1	22.1	20.0	17.3	14.2	9.1																							
		40	25.7	23.9	21.9	19.6	17.0	13.6	8.0																								
		50	23.6	21.5	19.2	16.5	13.0	6.7																									
		60	21.2	18.8	16.1	12.3	5.2																										
Shut-off PSI		98	90	81	72	64	55	46	38	29	20	12	3																				
WT1815	1 1/2	0	28.3	27.0	25.7	24.4	22.9	21.4	19.6	17.7	15.3	12.3																					
		20	29.0	27.8	26.5	25.1	23.7	22.2	20.6	18.8	16.7	14.1	10.6	5.0																			
		30	28.8	27.6	26.3	24.9	23.5	22.0	20.4	18.5	16.4	13.7	10.0	3.9																			
		40	27.4	26.1	24.7	23.3	21.8	20.1	18.2	16.0	13.1	9.2	2.6																				
		50	25.9	24.5	23.0	21.5	19.8	17.9	15.6	12.6	8.5	1.2																					
		60	25.9	24.5	23.0	21.5	19.8	17.9	15.6	12.6	8.5	1.2																					
Shut-off PSI		139	130	121	113	104	95	87	78	69	61	52	43	35	26	17																	
WT1820	2	0	28.4	27.4	26.4	25.3	24.2	23.0	21.8	20.4	17.2	12.8	4.9																				
		20																															
		30																															
		40																															
		50																															
		60																															
Shut-off PSI		180	171	163	154	145	137	128	119	111	102	94	85	76	68	59	42	24	7														
WT1830	3	0	28.9	28.2	27.5	26.7	25.9	25.1	23.5	21.6	19.6	17.3	14.3	10.4	3.4																		
		20																															
		30																															
		40																															
		50																															
		60																															
Shut-off PSI		230	222	213	204	196	187	178	170	161	152	144	135	126	109	92	74	57	40	23	5												
WT1850	5	0	28.9	28.0	27.0	26.0	24.9	23.7	22.5	21.1	19.7	18.0	16.2	14.1	11.5	8.4																	
		20																															
		30																															
		40																															
		50																															
		60																															
Shut-off PSI																																	

PERFORMANCE CURVES

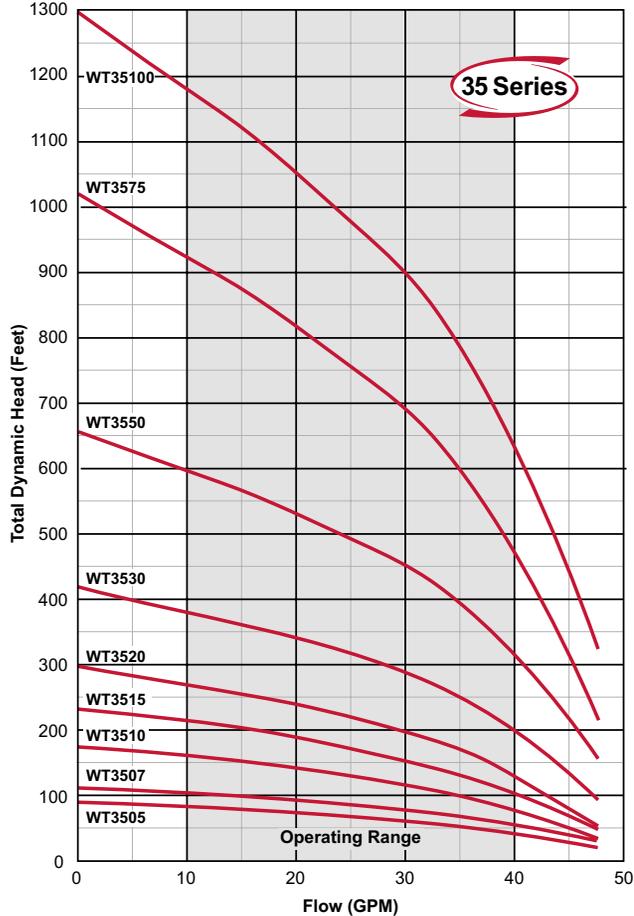


PEI_{CL}: 0.8 Impeller Dia.: 3.015 (in.)

SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																												
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740			
WT2510	1	0				32.5	30.2	27.7	24.8	21.5	17.5	11.0																			
		20		31.9	29.5	26.9	23.9	20.5	16.0	7.4																					
		30	31.5	29.1	26.4	23.4	19.8	15.0	2.0																						
		40	28.8	26.1	23.0	19.3	14.4																								
		50	25.6	22.4	18.6	13.2																									
		60	21.9	17.9	11.8																										
Shut-off PSI			82	73	65	56	47	39	30	21	13	4																			
WT2515	1 1/2	0					33.8	32.0	30.1	28.1	25.9	23.3	20.4	16.7	10.8																
		20			33.3	31.5	29.5	27.4	23.9	22.5	19.5	15.4	6.9																		
		30		33.0	31.2	29.2	27.1	24.7	22.1	18.8	14.5	1.0																			
		40	32.8	30.9	29.0	26.8	24.5	21.7	18.4	13.9																					
		50	30.6	28.6	26.4	24.0	21.2	19.6	12.8																						
		60	28.3	26.1	23.6	20.8	17.8	11.7																							
Shut-off PSI			108	99	90	82	73	65	56	47	39	30	21	13	4																
WT2520	2	0					33.9	31.3	29.6	27.8	25.8	23.5	21.0	18.0	14.2	5.8															
		20				34.2	32.7	31.1	29.4	27.4	25.4	23.1	20.6	17.5	13.4																
		30		34.0	32.5	30.8	29.0	27.2	25.2	22.8	20.3	17.1	12.8																		
		40		33.8	32.2	30.6	28.8	26.9	24.8	22.5	19.8	16.5	11.7																		
		50	31.9	30.3	28.5	26.6	24.5	22.1	19.3	15.9	10.6																				
		60	31.9	30.3	28.5	26.6	24.5	22.1	19.3	15.9	10.6																				
Shut-off PSI			134	125	116	108	99	90	82	73	65	56	47	39	30	21	13														
WT2530	3	0							34.4	32.2	30.9	29.6	28.2	26.7	23.5	19.6	13.8														
		20							34.2	33.1	31.8	30.6	29.2	27.8	26.3	24.7	23.0	19.0	12.5												
		30						34.0	32.8	31.6	30.3	29.0	27.6	26.0	24.4	22.7	20.8	15.7													
		40					33.9	32.7	31.5	30.1	28.8	27.4	25.9	24.2	22.5	20.5	18.3	10.8													
		50				33.7	32.5	31.2	29.9	28.6	27.1	25.6	23.9	22.1	20.2	17.3	14.7														
		60			33.5	32.3	31.0	29.7	28.4	26.9	25.4	23.7	20.9	19.8	17.4	14.2	8.4														
Shut-off PSI					168	159	151	142	133	125	116	107	99	90	81	73	64	47	30	12											
WT2550	5	0																33.9	32.5	31.0	29.3	27.5	25.6	23.4	20.9	18.1	14.8	10.0			
		20																33.7	32.3	30.7	29.1	27.3	25.3	23.1	20.6	17.7	14.2	9.0			
		30																34.2	33.5	32.8	32.1	30.5	28.8	27.0	25.0	22.7	20.2	17.2	13.5	7.9	
		40																34.1	33.4	32.7	31.9	31.2	29.5	27.7	25.8	23.7	21.3	18.5	15.2	10.7	
		50																34.0	33.3	32.6	31.8	31.0	30.2	28.5	26.7	24.7	22.4	19.8	16.8	12.8	6.4
		60																34.0	33.3	32.6	31.8	31.0	30.2	28.5	26.7	24.7	22.4	19.8	16.8	12.8	6.4
Shut-off PSI													246	237	229	220	211	203	185	168	151	133	116	99	81	64	47	29	12		

PERFORMANCE CURVES

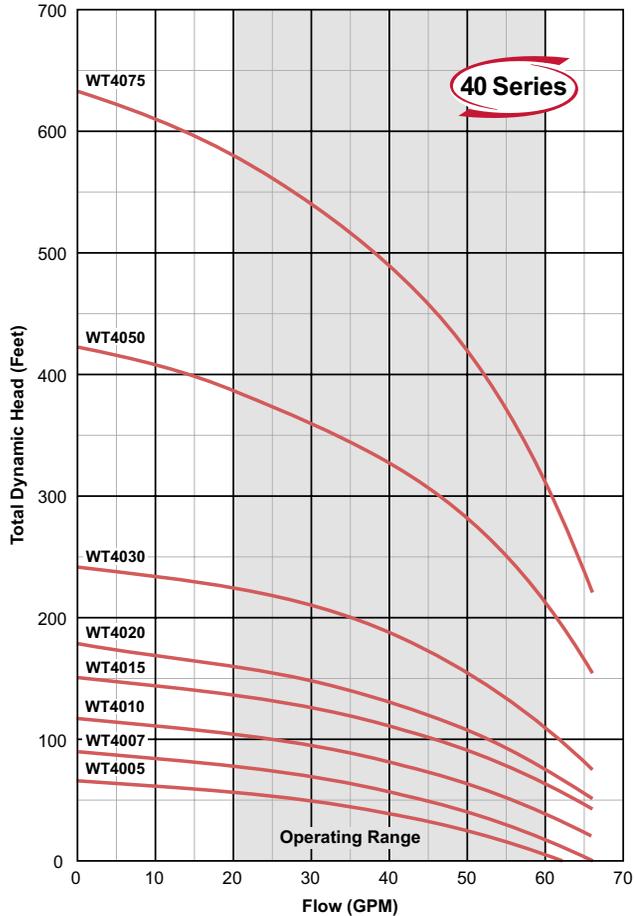


PEI_{CL}: 0.81 Impeller Dia.: 3.015 (in.)

SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																												
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	520	560	600		
WT3510	1	0																													
		20	41.5	37.4	32.1	25.2	16.8	4.6																							
		30	36.6	31.1	24.1	15.1	2.0																								
		40	30.1	22.8	13.4																										
		50	21.5	11.7																											
		60	9.8																												
		Shut-off PSI		65	57	48	39	31	22	13	5																				
WT3515	1 1/2	0																													
		20	44.2	41.6	38.6	35.0	30.6	25.6	20.2	13.6	3.2																				
		30	41.2	38.0	34.4	29.9	24.8	19.2	12.0	1.4																					
		40	37.6	33.8	29.1	24.1	18.4	10.6																							
		50	33.1	28.3	23.2	17.4	9.2																								
		60	27.5	22.3	16.3	7.5																									
		Shut-off PSI		92	83	74	66	57	48	40	31	23	14	5																	
WT3520	2	0																													
		20	46.3	44.3	42.3	40.3	38.2	35.7	32.3	28.3	23.7	18.3	11.6	4.5																	
		30	44.0	42.0	40.0	37.9	35.3	31.8	27.6	23.0	17.3	10.5	3.4																		
		40	41.7	39.7	34.8	31.2	27.0	22.2	16.4	9.4	2.4																				
		50	39.4	37.2	34.3	30.5	26.3	21.4	15.3	8.4	1.4																				
		60	36.8	33.8	29.9	25.6	20.6	14.3	7.3	0.3																					
		Shut-off PSI		121	112	103	95	86	77	69	60	52	43	34	26	17	8														
WT3530	3	0																													
		20				46.7	45.4	44.1	42.6	41.0	39.4	37.5	35.5	33.1	30.4	27.2	23.5	19.1	14.1	8.8	3.6										
		30				46.5	45.2	43.8	42.4	40.8	39.1	37.2	35.1	32.8	30.0	26.7	22.9	18.4	13.3	8.0	2.9										
		40				46.3	45.0	43.6	42.1	40.6	38.8	36.9	34.8	32.3	29.5	26.2	22.2	17.7	12.6	7.2	2.1										
		50				44.9	43.4	41.9	40.3	38.6	36.6	34.4	32.0	29.1	25.6	21.5	17.0	11.7	6.4	1.4											
		60				43.2	41.7	40.0	38.3	36.4	34.1	31.6	28.5	25.1	20.9	16.1	10.8	5.6	0.7												
		Shut-off PSI		174	165	156	148	139	130	122	113	104	96	87	78	70	61	52	44	35	26	18	9								
WT3550	5	0																													
		20																													
		30																													
		40																													
		50																													
		60																													
		Shut-off PSI																													

PERFORMANCE CURVES

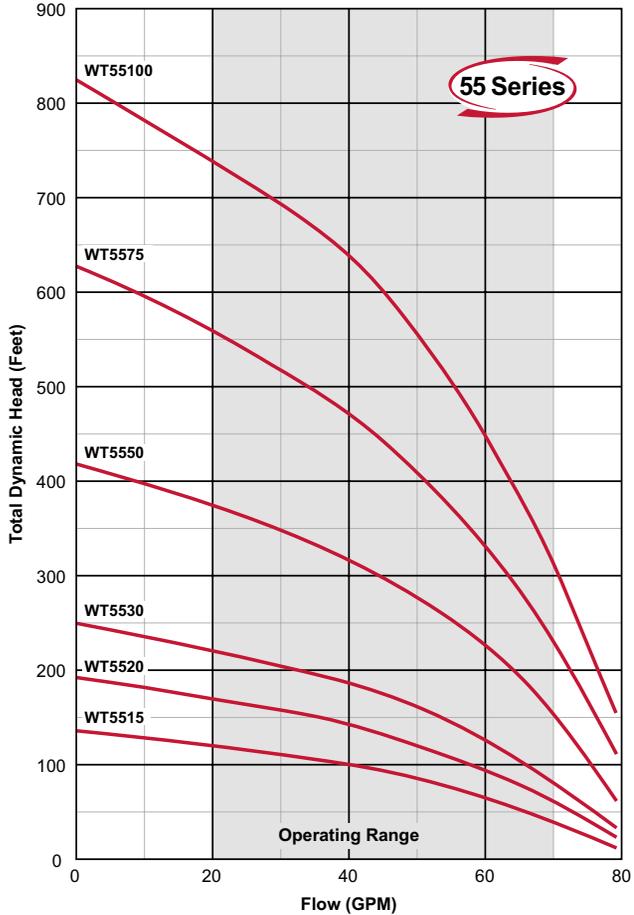


PEI_{CL}: 0.97 Impeller Dia.: 3.015 (in.)

SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																												
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	440	480	520	560	600	640			
WT4015	1 1/2	0			61.1	54.4	46.0	34.6	16.0																						
		20	59.2	52.0	42.8	30.1	7.5																								
		30	50.9	41.0	27.6	2.5																									
		40	39.4	24.6																											
		50	21.5																												
		60																													
		Shut-off PSI	57	48	39	31	22	13	5																						
WT4020	2	0			63.9	58.7	52.8	45.0	35.1	20.2																					
		20	62.4	57.0	50.6	42.3	31.4	13.3																							
		30	56.1	49.3	40.8	29.5	10.0																								
		40	48.3	39.3	27.0	6.5																									
		50	37.7	24.5	3.3																										
		60	21.6	0.5																											
		Shut-off PSI	69	60	52	43	34	26	17	8																					
WT4030	3	0				65.3	61.8	58.0	53.6	48.6	42.8	35.3	24.0	2.7																	
		20		64.3	60.7	56.7	52.2	47.0	40.7	32.4	18.8																				
		30	63.7	60.1	56.1	51.4	46.1	39.7	30.8	15.7																					
		40	59.5	55.4	50.7	45.2	42.1	29.0	12.4																						
		50	54.7	49.9	44.3	37.3	27.0	8.5																							
		60	49.1	43.3	36.0	25.0	4.5																								
		Shut-off PSI	96	87	79	70	61	53	44	35	27	18	10	0.9																	
WT4050	5	0							65.6	63.6	61.5	59.2	56.6	53.7	50.4	46.6	42.0	36.5	30.0	22.8	14.2										
		20						65.0	63.0	60.8	58.4	55.8	52.8	49.3	45.3	40.4	34.6	27.9	20.5	11.1											
		30					64.7	62.7	60.4	58.0	55.3	52.3	48.7	44.6	39.6	33.7	26.8	19.3	9.4												
		40				64.4	62.3	60.1	57.6	54.9	51.8	48.2	43.9	38.8	32.7	25.7	18.2	7.4													
		50		66.0	64.1	62.0	59.7	57.2	54.4	51.2	47.5	43.2	37.9	31.6	24.5	17.8	5.4														
		60	65.7	63.8	61.7	59.4	56.8	54.0	50.7	46.9	42.4	37.1	30.6	23.4	15.4	3.1															
		Shut-off PSI	174	165	157	148	139	131	122	113	105	96	87	79	70	61	53	44	35	27	18	10									
WT4075	7 1/2	0											64.9	63.6	62.3	60.9	59.4	57.8	56.1	54.2	52.2	47.5	41.6	34.3	25.4	13.9					
		20												65.6	64.3	63.0	61.7	60.2	58.7	57.0	56.2	53.4	51.2	48.9	46.3	43.4	36.5	28.0	17.4	2.0	
		30												65.6	64.3	63.0	61.7	60.2	58.7	57.0	56.2	53.4	51.2	48.9	46.3	43.4	36.5	28.0	17.4	2.0	
		40							65.4	64.1	62.8	61.4	60.0	58.4	56.8	55.0	53.0	50.8	48.5	45.8	42.9	39.6	31.8	19.6	9.5						
		50						65.2	63.9	62.6	61.3	59.8	58.2	56.5	54.7	52.7	50.5	48.1	45.4	42.5	39.0	35.3	26.5	15.4							
		60						65.8	63.7	62.4	61.0	59.5	58.9	56.2	54.6	52.4	50.2	47.7	45.0	41.9	38.5	34.7	30.5	20.6	6.8						
		Shut-off PSI						231	222	213	205	196	187	179	170	161	153	144	135	127	118	110	109	84	66	49	32	14			

PERFORMANCE CURVES



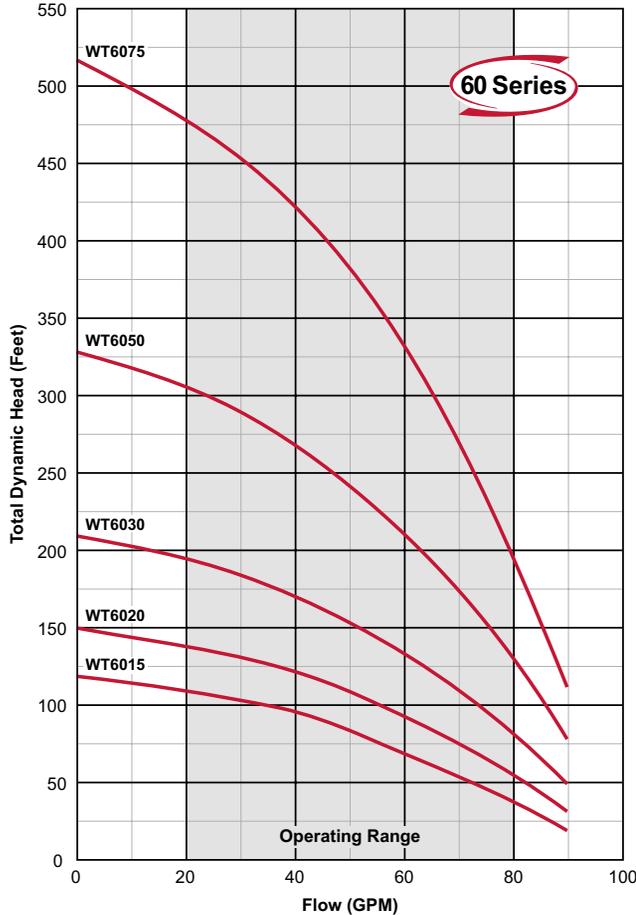
PEI_{CL}: 0.95 Impeller Dia.: 3.015 (in.)

SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																										
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500		
WT5515	1 1/2	0	77.6	69.7	62.0	53.0	40.0	20.1																					
		20	59.4	49.6	34.4	12.7																							
		30	47.8	31.4	8.9																								
		40	28.3	4.8																									
		50	0.6																										
		60																											
Shut-off PSI		50	42	33	24	16	7																						
WT5520	2	0		75.3	70.3	64.6	57.8	50.0	41.3	28.1	11.5																		
		20	68.7	62.6	55.5	47.4	38.0	22.8	5.8																				
		30	61.6	54.3	46.1	36.2	20.2	2.9																					
		40	53.1	44.9	34.1	17.7																							
		50	43.5	31.9	15.3																								
		60	29.4	12.7																									
Shut-off PSI		74	66	57	48	40	31	23	14	5																			
WT5530	3	0	78.0	74.1	70.1	66.0	61.4	56.4	50.4	42.9	32.5	20.3	7.0																
		20	72.9	68.9	64.6	59.9	54.7	48.3	40.1	28.8	16.3	2.2																	
		30	68.3	63.9	59.2	53.8	47.2	38.6	27.0	14.3	0.2																		
		40	63.2	58.4	52.9	46.0	36.9	25.1	12.3																				
		50	57.6	51.9	44.8	35.2	23.3	10.2																					
		60	51.0	43.6	33.4	21.3	8.0																						
Shut-off PSI		100	91	82	74	65	56	48	39	30	22	13	4																
WT5550	5	0		77.5	75.6	73.6	71.5	69.3	66.8	64.1	61.0	57.6	53.7	49.3	44.4	39.0	32.8	25.7	17.7	8.8									
		20	78.8	76.9	74.9	72.9	70.8	68.5	66.0	63.2	60.0	56.4	52.3	47.8	42.8	37.1	30.6	23.3	15.0	5.8									
		30	76.6	74.7	72.6	70.5	68.2	65.6	62.8	59.5	55.8	51.7	47.1	42.0	36.2	29.6	22.1	13.7	4.4										
		40	74.3	72.3	70.1	67.8	65.2	62.3	59.0	55.2	51.0	46.4	41.2	35.3	28.6	20.9	12.4	2.9											
		50	72.0	69.8	67.4	64.8	61.8	58.4	54.6	50.4	45.6	40.3	34.3	27.5	19.6	11.0	1.4												
		60	69.4	67.0	64.4	61.3	57.9	54.0	49.6	44.8	39.4	33.3	26.3	18.4	9.5														
Shut-off PSI		172	164	155	146	138	129	120	112	103	94	86	77	68	60	51	42	34	25	16	8								

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																									
			20	60	100	140	180	220	260	300	340	380	420	460	500	540	580	620	660	700	740	780	820	860	900	940	980	
WT5575	7 1/2	0				77.1	74.1	70.8	67.4	63.4	59.0	54.0	48.4	42.1	34.0	24.7	14.5	2.5										
		20			76.7	73.6	70.4	66.8	62.8	58.2	53.1	47.5	40.9	32.7	23.3	12.8	0.4											
		30		77.9	74.9	71.7	68.4	64.5	60.2	55.4	50.0	43.9	36.4	27.3	17.4	6.0												
		40	79.2	76.2	73.1	69.8	66.2	62.1	57.5	52.3	46.6	39.8	31.2	21.8	11.1													
		50	77.5	74.5	71.3	67.8	63.9	59.5	54.6	49.1	42.9	35.0	25.8	15.8	7.1													
		60	75.7	72.6	69.3	65.6	61.4	56.7	51.5	45.7	38.6	29.8	20.2	9.3														
Shut-off PSI		263	245	228	211	194	177	159	142	125	107	90	72	55	38	20	3											
WT55100	10	0				77.7	75.4	73.1	70.8	68.2	65.3	62.2	59.0	55.5	51.6	47.4	42.7	36.5	28.6	19.7	10.5	1.1						
		20				77.4	75.0	72.8	70.4	67.8	64.8	61.7	58.5	54.9	51.0	46.7	41.8	35.4	27.2	18.2	9.1							
		30			78.3	76.0	73.7	71.4	69.0	66.1	63.0	59.1	56.5	52.7	48.6	44.0	38.3	30.9	22.1	13.0	3.7							
		40			77.0	74.7	72.4	70.0	67.4	64.4	61.3	58.0	54.4	50.4	46.1	41.0	34.2	25.9	16.9	7.7								
		50		78.0	75.7	73.4	71.1	68.5	65.7	62.6	59.4	55.9	52.1	48.0	43.3	37.3	29.6	20.8	11.5	2.3								
		60	79.0	76.7	74.3	72.1	69.7	66.9	63.9	60.8	57.5	53.8	49.7	45.4	40.0	33.1	24.6	15.5	6.3									
Shut-off PSI		348	331	314	297	279	262	245	227	210	193	175	158	141	123	106	89	71	54	37	19	2						

PERFORMANCE CURVES

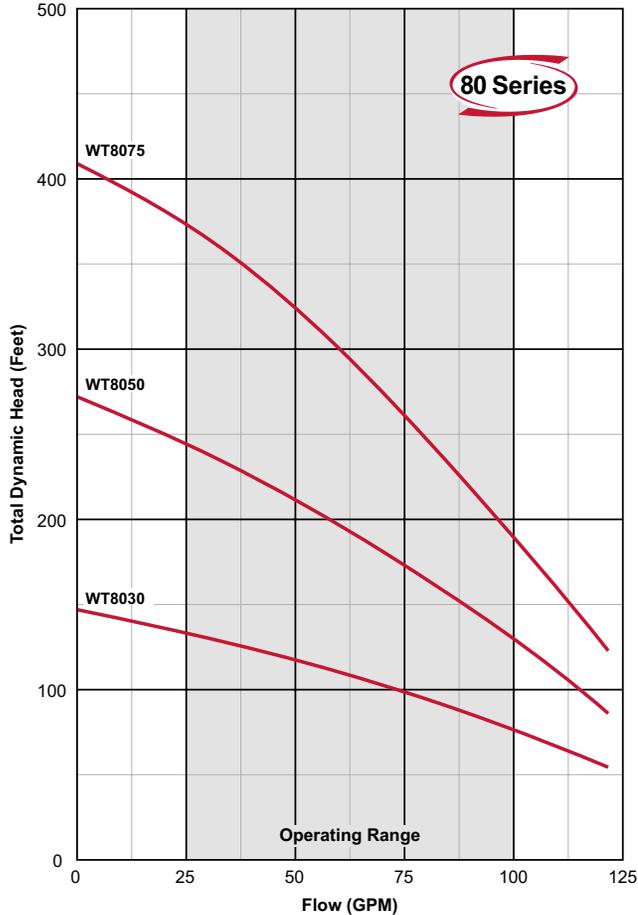


PEI_{CL}: 0.96 Impeller Dia.: 3.015 (in.)

SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																												
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480					
WT6015	1 1/2	0	89.2	78.5	65.7	52.3	34.5																								
		20	61.6	48.0	25.0																										
		30	45.7	19.8																											
		40	14.0																												
		60																													
Shut-off PSI			43	34	26	17	8																								
WT6020	2	0		86.3	77.5	67.2	55.5	41.3	16.5																						
		20	74.5	63.8	51.6	35.4	5.9																								
		30	61.9	49.6	31.9	0.8																									
		40	47.4	28.0																											
		60	23.8																												
Shut-off PSI			56	48	39	30	22	13	4																						
WT6030	3	0			86.6	80.4	73.5	65.7	56.7	46.1	33.1	13.5																			
		20	84.8	78.3	71.2	63.1	53.6	42.5	28.1	4.6																					
		30	77.3	70.0	61.7	52.0	40.5	25.4																							
		40	68.9	60.4	50.4	38.5	22.3																								
		60	47.0	34.2	15.4																										
Shut-off PSI			82	73	65	56	47	39	30	21	13	4																			
WT6050	5	0				89.4	85.8	82.0	77.8	73.3	68.4	63.0	57.0	50.5	43.1	34.6	23.7	7.9													
		20		88.3	84.7	80.7	76.5	71.8	66.7	61.2	55.0	48.3	40.6	31.6	19.5	1.9															
		30	87.8	84.1	80.1	75.8	71.1	65.9	60.3	54.0	47.2	39.4	30.0	17.2																	
		40	83.5	79.5	75.1	70.3	65.1	59.3	53.0	46.1	38.1	28.4	14.8																		
		60	78.8	74.4	69.6	64.3	58.5	52.0	44.9	36.7	26.6	12.1																			
Shut-off PSI			133	125	116	107	99	90	81	73	64	55	47	38	29	21	12	3													
WT6075	7 1/2	0						88.8	86.5	84.1	81.7	79.3	76.7	74.1	71.3	68.4	65.3	62.0	58.5	54.7	50.4	45.8	40.5	34.5	27.5	19.0					
		20					88.1	85.8	83.4	81.0	78.5	75.9	73.2	70.4	67.5	64.3	61.0	57.3	53.4	49.0	44.2	38.7	32.5	25.0	16.0	5.7					
		30				87.8	85.4	83.1	80.6	78.1	75.5	72.8	70.1	67.0	63.9	60.4	56.8	52.8	48.4	43.4	37.8	31.4	23.7	14.5	4.0						
		40		87.4	85.1	82.7	80.3	77.8	75.1	72.4	69.6	66.6	63.3	59.9	56.2	52.1	47.6	42.6	36.9	30.3	22.4	13.1	2.4								
		60	87.0	84.7	82.3	79.9	77.4	74.7	72.0	69.2	66.1	62.8	59.4	55.6	51.4	46.9	41.8	36.0	29.2	21.1	11.5	0.7									
Shut-off PSI			215	206	198	189	181	172	163	154	146	137	129	120	111	103	94	85	77	68	59	51	42	33	25	16					

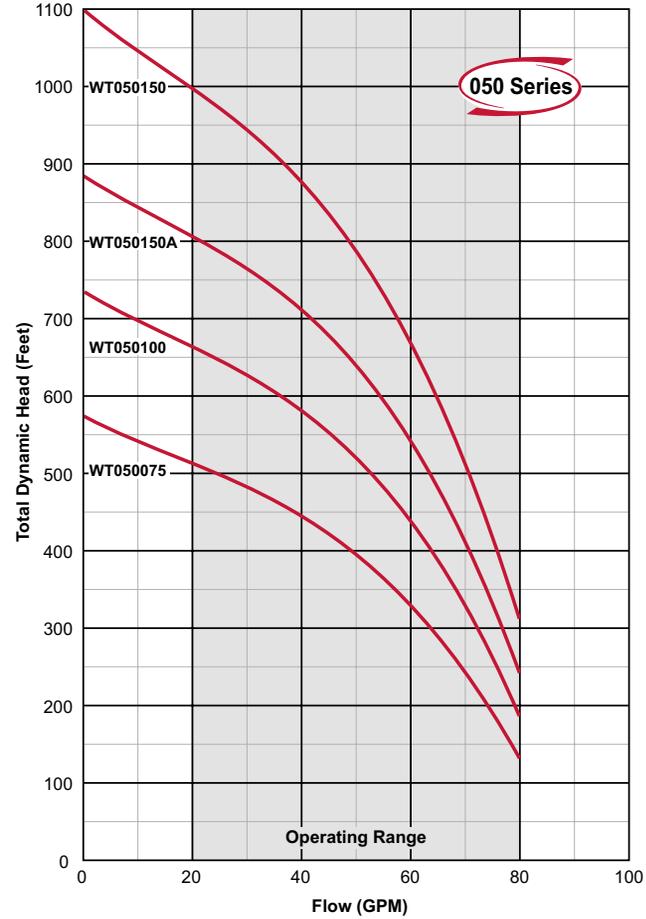
PERFORMANCE CURVES



SELECTION CHART

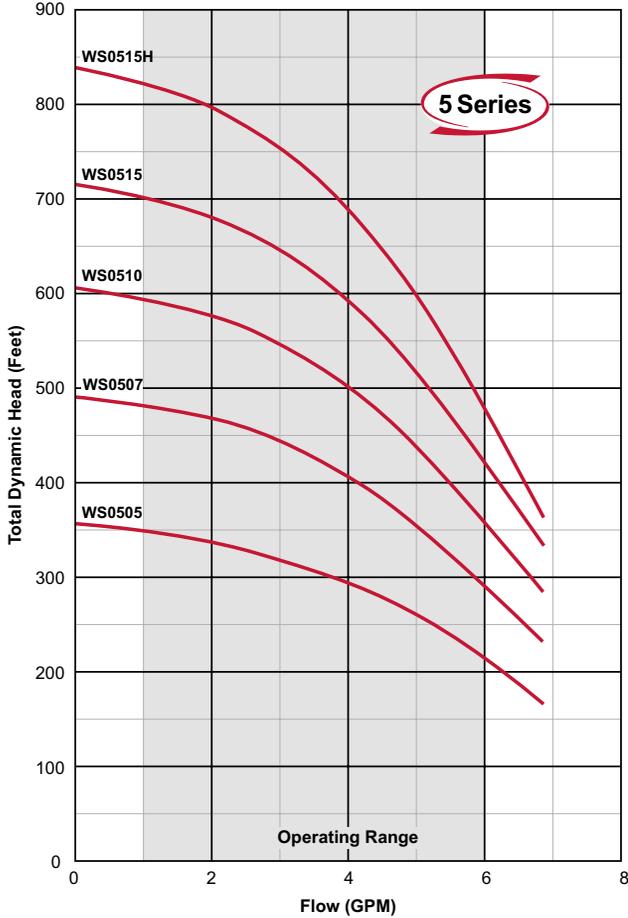
Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																							
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480
WT8030	3	0			116.4	96.2	73.3	46.2	13.0																	
		20	110.3	89.5	65.4	36.7	1.6																			
		30	86.1	61.4	31.7																					
		40	57.2	26.4																						
		50	21.0																							
		60																								
Shut-off PSI			55	46	38	29	20	12	3																	
WT8050	5	0				115.2	105.2	94.4	82.8	70.7	57.8	43.9	28.6	11.2												
		20		121.6	112.2	102.0	90.9	79.2	66.8	53.6	39.3	23.4	5.4													
		30	120.2	110.7	100.3	89.1	77.3	64.8	51.5	37.0	20.8	2.6														
		40	109.2	98.7	87.4	75.4	62.8	49.4	34.7	18.0																
		50	97.0	85.6	73.5	60.8	47.3	32.2	15.3																	
		60	83.7	71.6	58.8	45.0	29.8	12.5																		
Shut-off PSI			109	100	92	83	74	66	57	48	40	31	23	14	5											
WT8075	7 1/2	0					116.3	109.8	103.2	96.4	89.6	82.6	75.4	67.9	60.1	51.9	42.7	32.6	20.8	6.8						
		20				120.6	114.3	107.8	101.1	94.3	87.4	80.4	73.1	65.6	57.7	49.1	39.8	29.2	16.7	2.1						
		30			119.7	113.3	106.8	100.1	93.3	86.4	79.3	72.0	64.4	56.4	47.8	38.3	27.4	14.6								
		40		118.7	112.4	105.8	99.0	92.3	85.3	78.2	70.9	63.2	55.1	46.3	36.7	25.6	12.5									
		50	117.8	111.3	104.8	98.0	91.1	84.2	77.1	69.7	62.0	53.8	45.0	35.1	23.7	10.2										
		60	110.3	103.7	97.0	90.1	83.1	75.9	68.5	60.8	52.5	43.4	33.5	21.7	7.9											
Shut-off PSI			168	160	151	142	134	125	116	108	99	90	82	73	65	56	47	39	30	21	13	4				

PEI_{CL}: 1.0 Impeller Dia.: 3.015 (in.)



PEI_{CL}: 0.87 Impeller Dia.: 4.635 (in.)

PERFORMANCE CURVES

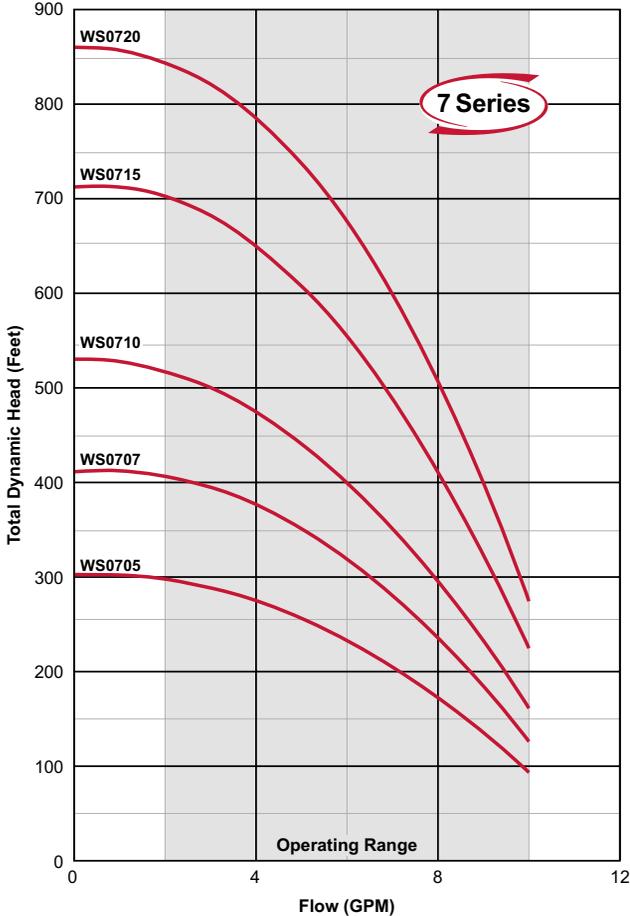


SELECTION CHART

1.25" NPT DISCHARGE

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																												
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820	
WS0505	1/2	0							6.8	6.5	6.1	5.8	5.3	4.8	4.3	3.5	2.6	1.3													
		20					6.8	6.5	6.1	5.7	5.3	4.8	4.2	3.4	2.5	1.0															
		30					6.7	6.4	6.0	5.6	5.2	4.7	4.0	3.2	2.3	0.6															
		40					6.7	6.4	6.0	5.6	5.1	4.6	4.0	3.1	2.1	0.3															
		50			6.6	6.3	5.9	5.5	5.0	4.5	3.8	3.0	1.9																		
		60		6.6	6.3	5.9	5.5	5.0	4.5	3.8	3.0	1.9																			
Shut-off PSI			143	137	129	120	111	103	94	85	77	68	59	51	42	33	25	7													
WS0507	3/4	0											6.6	6.3	6.1	5.9	5.2	4.5	3.7	2.4											
		20											6.6	6.3	6.1	5.7	5.4	5.1	4.4	3.5	2.1										
		30											6.6	6.3	6.0	5.7	5.4	5.1	4.7	3.9	2.8	0.1									
		40							6.8	6.6	6.3	6.0	5.7	5.3	5.0	4.7	4.3	3.3	1.7												
		50						6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.6	4.2	3.8	2.6													
		60					6.8	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.7	3.2	1.2													
Shut-off PSI			204	195	187	178	169	161	152	143	135	126	117	109	100	91	83	65	48	31	13										
WS0510	1	0													6.6	6.4	6.1	5.6	5.1	4.6	3.9	3.0	1.5								
		20													6.6	6.3	6.1	5.8	5.4	4.8	4.2	3.4	2.3								
		30													6.8	6.6	6.3	6.1	5.8	5.4	4.8	4.2	3.4	2.3							
		40													6.8	6.5	6.3	6.1	5.8	5.6	5.1	4.5	3.8	2.8	1.1						
		50													6.7	6.5	6.2	6.0	5.8	5.5	5.3	4.7	4.1	3.3	2.0						
		60										6.7	6.5	6.2	6.0	5.7	5.5	5.2	5.0	4.4	3.6	2.6	0.7								
Shut-off PSI			254	245	236	228	219	210	202	193	184	176	167	158	150	141	132	115	98	81	63	46	29	11							
WS0515	1 1/2	0															6.7	6.3	6.0	5.6	5.2	4.7	4.2	3.5	2.7	1.1					
		20															6.7	6.3	6.0	5.6	5.2	4.7	4.2	3.5	2.7	1.1					
		30															6.7	6.5	6.1	5.7	5.3	4.8	4.3	3.7	2.9	1.6					
		40															6.7	6.5	6.3	5.9	5.5	5.0	4.6	4.0	3.3	2.3	0.3				
		50															6.6	6.4	6.2	6.0	5.6	5.2	4.8	4.2	3.6	2.8	1.3				
		60														6.6	6.4	6.2	6.0	5.8	5.4	5.0	4.5	3.9	3.2	2.1					
Shut-off PSI			301	292	284	275	266	257	249	240	232	223	214	206	197	188	180	162	145	128	110	93	76	58	41	24	6				
WS0515H	1 1/2	0																6.7	6.4	6.1	5.8	5.6	5.2	4.8	4.3	3.8	3.2	2.4	1.1		
		20																6.7	6.4	6.1	5.8	5.5	5.1	4.7	4.3	3.8	3.1	2.3	0.8		
		30																6.8	6.5	6.2	5.9	5.6	5.3	4.9	4.5	4.0	3.4	2.7	1.5		
		40																6.6	6.3	6.0	5.7	5.4	5.1	4.6	4.2	3.7	3.0	2.1	0.4		
		50																6.8	6.6	6.3	6.0	5.7	5.4	5.1	4.6	4.2	3.7	3.0	2.1	0.4	
		60																6.8	6.6	6.5	6.3	6.0	5.7	5.3	5.0	4.6	4.1	3.6	2.9	1.9	
Shut-off PSI			355	346	337	329	320	311	303	294	285	277	268	259	251	242	233	216	199	181	164	147	129	112	95	77	60	43	26	8	

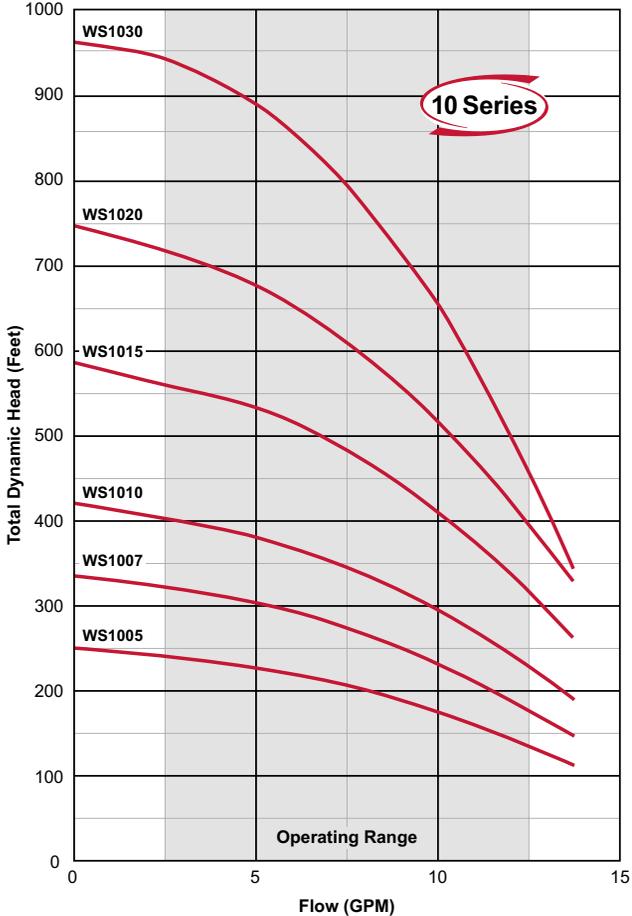
PERFORMANCE CURVES



SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																					
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	400	460	520	600	700	
WS0705	1/2	0			9.8	9.3	9.9	9.5	8.9	8.4	7.8	7.3	6.7	6.0	5.0	4.0								
		20					8.8	8.2	7.7	7.1	6.5	5.8	4.7	3.5	1.8									
		30	10.1	9.7	9.2	8.7	8.1	7.6	7.0	6.4	5.6	4.7	2.9											
		40	9.6	9.2	8.6	8.1	7.5	6.9	6.2	5.6	4.3	3.0	1.5											
		50	9.1	8.5	8.0	7.4	6.8	6.2	5.3	4.3	2.2													
		60	8.4	7.9	7.3	6.8	6.0	5.3	3.8	2.3														
	Shut-off PSI	122	113	105	96	87	79	70	61	53	44	35	27	18	10									
WS0707	3/4	0					10.2	9.9	9.5	9.2	8.8	8.4	8.0	7.6	7.1	6.7	5.6	2.9						
		20				10.1	9.8	9.4	9.0	8.6	8.2	7.8	7.4	7.0	6.5	6.1	5.4	3.6						
		30			10.0	9.7	9.4	9.0	8.6	8.2	7.8	7.4	6.9	6.5	5.9	5.4	4.5	1.8						
		40		10.0	9.7	9.3	8.9	8.5	8.1	7.7	7.3	6.9	6.4	5.9	5.2	4.5	3.2	1.0						
		50	9.9	9.6	9.2	8.9	8.5	8.1	7.6	7.2	6.8	6.4	5.8	5.2	4.2	3.2	1.6							
		60	9.5	9.2	8.8	8.4	8.0	7.6	7.2	6.7	6.2	5.7	4.9	4.2	2.8	1.4								
	Shut-off PSI	170	101	153	144	135	127	118	110	101	92	84	75	66	58	49	32	6						
WS0710	1	0						10.0	9.8	9.5	9.2	8.9	8.6	8.3	7.9	7.6	7.3	6.6	5.3	2.8				
		20					10.0	9.7	9.5	9.2	8.9	8.5	8.2	7.9	7.6	7.3	6.9	6.2	4.6	1.4				
		30				10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.8	7.5	7.2	6.9	6.5	5.6	3.7					
		40				10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.8	7.5	7.2	6.9	6.5	5.6	3.7					
		50		10.2	9.9	9.7	9.4	9.1	8.8	8.4	8.1	7.8	7.5	7.2	6.8	6.5	6.0	5.0	2.4					
		60	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.4	6.0	5.5	4.2						
	Shut-off PSI	218	209	200	192	183	174	166	157	148	140	131	123	114	105	97	79	53	27					
WS0715	1 1/2	0									10.1	9.9	9.7	9.5	9.3	8.8	8.1	7.4	6.7	5.5				
		20									10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.3	7.6	6.9	6.1	4.4		
		30									10.0	9.8	9.6	9.4	9.2	9.0	8.7	8.5	8.0	7.3	6.6	5.7	3.7	
		40									10.1	9.8	9.6	9.4	9.1	8.9	8.7	8.5	8.2	7.8	7.1	6.3	5.2	
		50					10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.4	8.2	8.0	7.5	6.8	5.9	4.7	1.9		
		60				10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.2	7.9	7.7	7.2	6.5	5.5	4.1			
	Shut-off PSI				274	265	257	248	239	231	222	213	205	196	187	179	161	135	110	84	49			
WS0720	2	0										10.6	10.5	10.4	10.3	10.1	9.6	9.1	8.4	7.3	5.7			
		20										10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.8	9.2	8.6	7.8	6.6	
		30										10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.6	9.0	8.3	7.5	
		40									10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.7	9.4	8.8	8.0	7.2	
		50									10.5	10.4	10.3	10.2	10.1	10.0	9.8	9.7	9.5	9.1	8.5	7.7	6.8	
		60								10.5	10.4	10.3	10.2	10.1	10.0	9.8	9.7	9.5	9.3	8.9	8.2	7.4	6.4	
	Shut-off PSI					343	334	326	317	308	300	291	282	274	265	256	239	213	187	161	126	83		

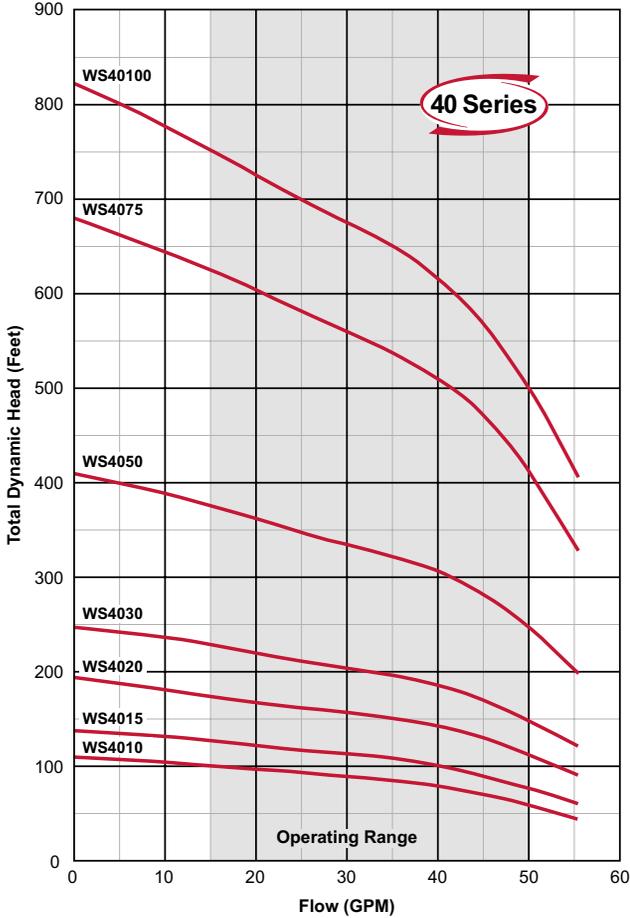
PERFORMANCE CURVES



SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																			
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820	860	900	940					
WS1005	1/2	0						13.3	12.2	11.0	9.6	8.1	5.9	2.6																								
		20					13.0	11.8	10.6	9.2	7.5	5.1	1.2																									
		30				12.8	11.6	10.4	9.0	7.2	4.6	0.3																										
		40	13.7	12.6	11.5	10.2	8.7	6.9	4.2																													
		50	12.5	11.3	10.5	8.5	6.6	3.5																														
		60	11.1	9.7	8.2	6.2	3.0																															
Shut-off PSI			100	91	82	74	65	56	48	39	30	22	13	4																								
WS1007	3/4	0							13.2	12.4	11.5	10.6	9.6	8.4	7.1	5.4																						
		20					12.9	12.1	11.2	10.3	9.2	8.0	6.6	4.7	1.8																							
		30					13.6	12.8	12.0	11.1	10.1	9.0	7.8	6.4	4.3	1.3																						
		40				13.5	12.7	11.8	11.0	10.0	8.9	7.6	6.1	4.0	0.7																							
		50	13.4	12.5	11.7	10.8	9.8	8.7	7.4	5.9	3.6																											
		60	13.3	12.4	11.5	10.7	9.7	8.5	7.2	5.6	3.1																											
Shut-off PSI			136	128	119	110	102	93	84	76	67	58	50	41	32	24	15																					
WS1010	1	0							13.4	12.8	12.1	11.4	10.6	9.8	7.8	5.1	0.1																					
		20						13.2	12.6	11.9	11.2	10.4	9.5	8.5	7.5	4.5																						
		30						13.1	12.5	11.8	11.0	10.2	9.4	8.4	7.2	5.9	1.7																					
		40					13.6	13.0	12.4	11.7	10.9	10.1	9.2	8.2	7.1	5.7	3.8																					
		50				13.6	12.9	12.3	11.6	10.8	10.0	9.1	8.1	6.9	5.5	3.5	0.8																					
		60			13.5	12.8	12.2	11.5	10.7	9.9	9.0	7.9	6.7	5.2	3.1	0.4																						
Shut-off PSI			174	165	156	148	139	130	122	113	104	96	87	78	70	61	52	35	18	0.4																		
WS1015	1 1/2	0																																				
		20																																				
		30																																				
		40																																				
		50																																				
		60																																				
Shut-off PSI			245	237	228	219	211	202	194	185	176	168	159	150	142	133	124	107	90	72	55	38	20	3														
WS1020	2	0																																				
		20																																				
		30																																				
		40																																				
		50																																				
		60																																				
Shut-off PSI			315	306	298	289	281	272	263	255	246	237	229	220	211	203	194	177	159	142	125	107	90	73	55	38	21	3										
WS1030	3	0																																				
		20																																				
		30																																				
		40																																				
		50																																				
		60																																				
Shut-off PSI			408	399	390	382	373	365	356	347	339	330	321	313	304	295	287	269	252	235	217	200	183	165	148	131	113	96	79	61	44	27	10					

PERFORMANCE CURVES

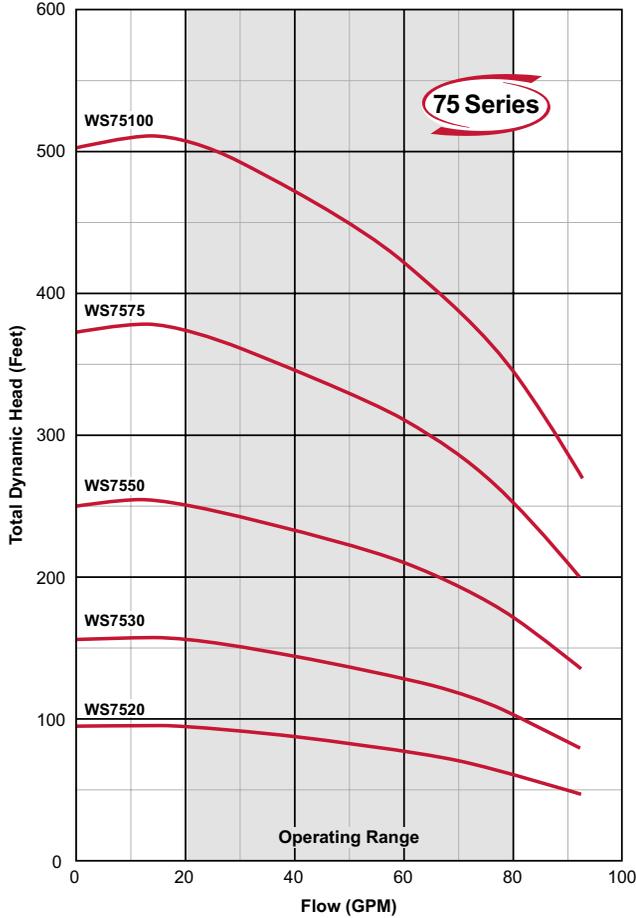


PEI_{CL}: 0.99 Impeller Dia.: 2.92 (in.)

SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																														
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820			
WS4010	1	0																															
		20	47.0	33.5	6.5	53.2	39.4	15.6																									
		30	29.7	0.6																													
		40																															
		50																															
		60																															
Shut-off PSI			39	30	22	13	4																										
WS4015	1 1/2	0																															
		20	53.6	46.2	36.7	15.9	55.4	48.7	40.4	21.9																							
		30	45.0	34.4	12.8																												
		40	31.1	8.8																													
		50	3.7																														
		60																															
Shut-off PSI			51	42	34	25	16	8																									
WS4020	2	0																															
		20				51.5	46.2	38.0	21.0	6.0	53.1	47.9	41.3	27.0	10.7																		
		30				50.7	45.3	36.1	18.4	3.7																							
		40	50.0	44.2	33.8	16.1	1.3																										
		50	43.1	31.2	13.8																												
		60	28.6	11.7																													
Shut-off PSI			75	67	58	49	41	32	23	15	6																						
WS4030	3	0																															
		20				54.4	50.4	45.9	39.8	28.3	51.6	47.4	42.1	32.6	19.9	7.0																	
		30				53.8	49.7	45.2	38.5	26.3	14.7																						
		40				53.2	49.1	44.4	37.1	24.4	13.0																						
		50	52.6	48.4	43.5	35.6	22.5	10.7																									
		60	47.7	42.6	33.5	20.7	8.1																										
Shut-off PSI			98	90	81	72	64	55	46	38	29	20	12	3																			
WS4050	5	0																															
		20								54.6	52.4	50.1	47.5	44.2	40.1	33.4	25.5	11.0															
		30								54.2	52.1	49.8	47.0	43.6	39.3	32.3	24.4	17.4	0.2														
		40								53.7	51.8	49.4	46.6	43.1	38.4	31.0	23.4	16.3	8.6														
		50								53.6	51.4	49.0	46.1	42.5	37.3	29.7	22.4	15.2	7.0														
		60								53.2	51.1	48.5	45.6	41.9	36.2	28.3	21.3	14.0	5.5														
Shut-off PSI			169	160	152	143	134	126	117	108	100	91	82	74	65	56	48	30	13														
WS4075	7 1/2	0																															
		20																															
		30																															
		40																															
		50																															
		60																															
Shut-off PSI			286	277	268	260	251	242	234	225	216	208	199	190	182	173	165	147	130	113	95	78	61	43	26	9							
WS40100	10	0																															
		20																															
		30																															
		40																															
		50																															
		60																															
Shut-off PSI			347	339	330	321	313	304	295	287	278	269	261	252	243	235	226	209	191	174	157	139	122	104	87	70	53	35	18	0.9			

PERFORMANCE CURVES



PEI_{CL}: 0.94 Impeller Dia.: 2.92 (in.)

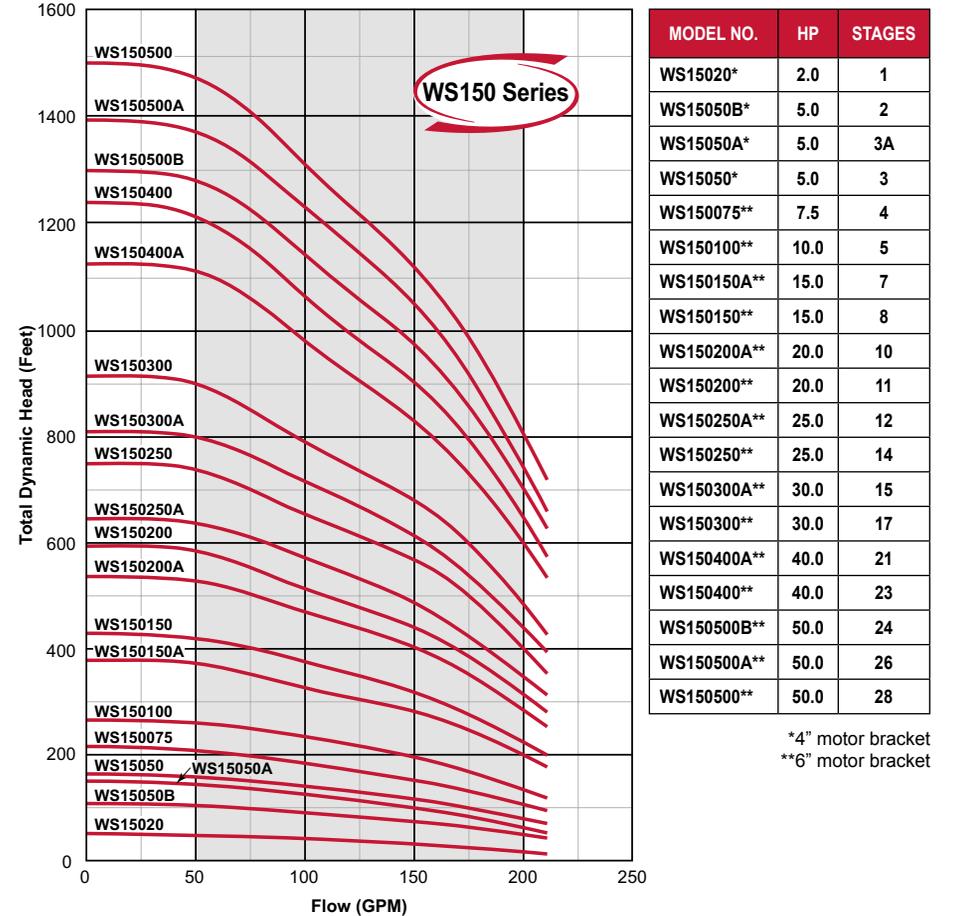
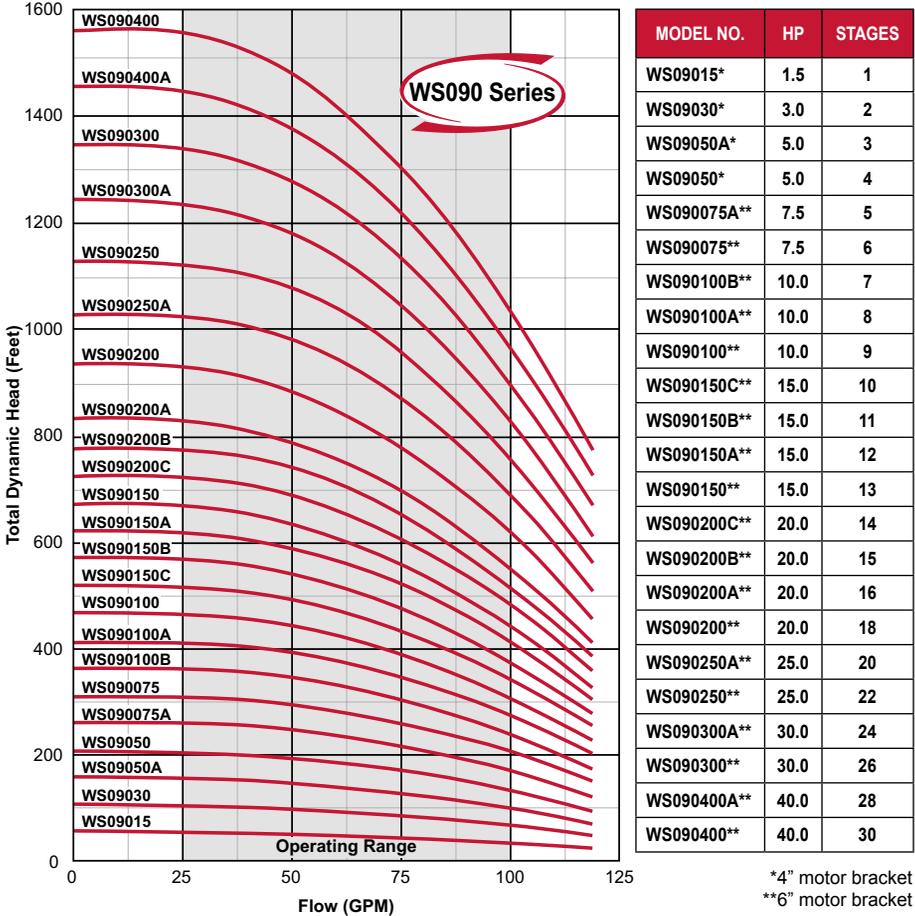
SELECTION CHART

Pump Model	HP	PSI	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																											
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500			
WS7520	2	0			80.8	55.2																								
		20	74.8	42.9																										
		30	36.0																											
		40																												
		50																												
		60																												
Shut-off PSI			32	24	15	6																								
WS7530	3	0				92.0	81.7	68.6	45.7																					
		20		88.9	78.4	62.6	37.2																							
		30	87.3	76.6	59.0	32.6																								
		40	74.6	55.4	27.7																									
		50	89.4	21.7																										
		60																												
Shut-off PSI			59	50	42	33	24	16	7																					
WS7550	5	0					89.0	82.1	73.8	62.7	46.7	25.9																		
		20				87.9	80.9	72.2	60.7	43.7	22.3																			
		30				86.9	79.8	70.7	58.6	40.7	18.0																			
		40				85.9	78.6	69.2	56.1	37.5																				
		50	84.8	77.3	67.3	53.7	34.3																							
		60																												
Shut-off PSI			100	91	82	74	65	56	48	39	30	22	13	4																
WS7575	7 1/2	0								92.2	87.8	83.2	78.2	72.2	64.8	55.5	43.7	31.0												
		20								90.9	81.7	76.4	70.1	62.2	51.9	39.8	26.7													
		30								90.3	85.7	80.9	75.5	69.0	60.8	50.2	38.0	24.3												
		40								89.6	85.0	80.2	74.7	67.8	59.4	48.4	35.9	21.6												
		50								88.9	84.3	79.4	73.7	66.7	57.8	46.5	34.0	18.4												
		60								88.2	83.6	78.6	72.7	65.4	56.3	44.6	31.9	12.9												
Shut-off PSI			153	144	135	127	118	109	101	92	84	75	66	58	49	40	32	23	14	6										
WS75100	10	0												91.2	88.0	84.6	81.0	77.0	72.1	66.6	60.6	53.8	45.6	36.3	25.9					
		20												89.7	86.5	83.0	79.3	74.9	69.7	63.9	57.7	50.1	41.4	31.8	21.5					
		30												89.2	85.9	82.5	78.6	74.1	68.8	63.0	56.6	48.8	39.9	30.2						
		40												88.7	85.4	81.9	78.0	73.3	67.9	62.0	55.5	47.5	38.5	28.5						
		50												88.7	85.4	81.9	78.0	73.3	67.9	62.0	55.5	47.5	38.5	28.5						
		60												91.4	84.9	81.3	77.3	72.5	67.0	61.1	54.4	46.2	37.0	26.7						
Shut-off PSI			209	200	192	183	174	166	157	148	140	131	123	114	105	97	88	80	71	62	53	45	36	27	19	10	1			

6" WS 090 & 150 Series

3" NPT DISCHARGE

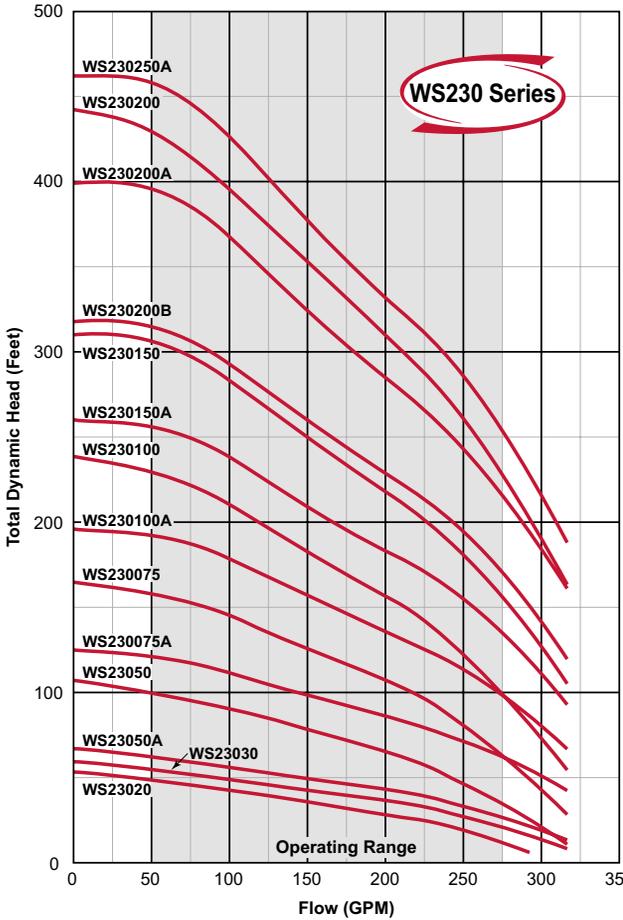
PERFORMANCE CURVES



PEI_{CL}: 0.87 Impeller Dia.: 3.51 (in.) | O.D. (One motor Lead): 5.59" - 6" Mtr.

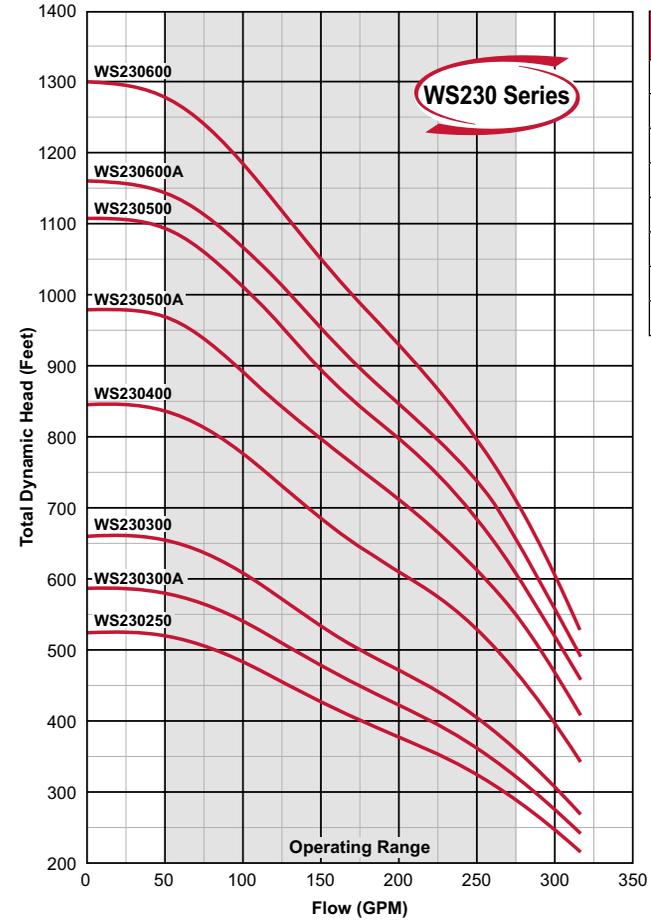
PEI_{CL}: 0.90 Impeller Dia.: 3.78 (in.) | O.D. (One motor Lead): 5.59" - 6" Mtr.

PERFORMANCE CURVES



MODEL NO.	HP	STAGES
WS23020*	2.0	1B
WS23030*	3.0	1A
WS23050A*	5.0	1
WS23050*	5.0	2AB
WS230075A**	7.5	2
WS230075**	7.5	3BB
WS230100A**	10.0	3
WS230100**	10.0	4BC
WS230150A**	15.0	4
WS230150**	15.0	5C
WS230200B**	20.0	5
WS230200A**	20.0	6
WS230200**	20.0	7C
WS230250A**	25.0	7

*4" motor bracket
**6" motor bracket



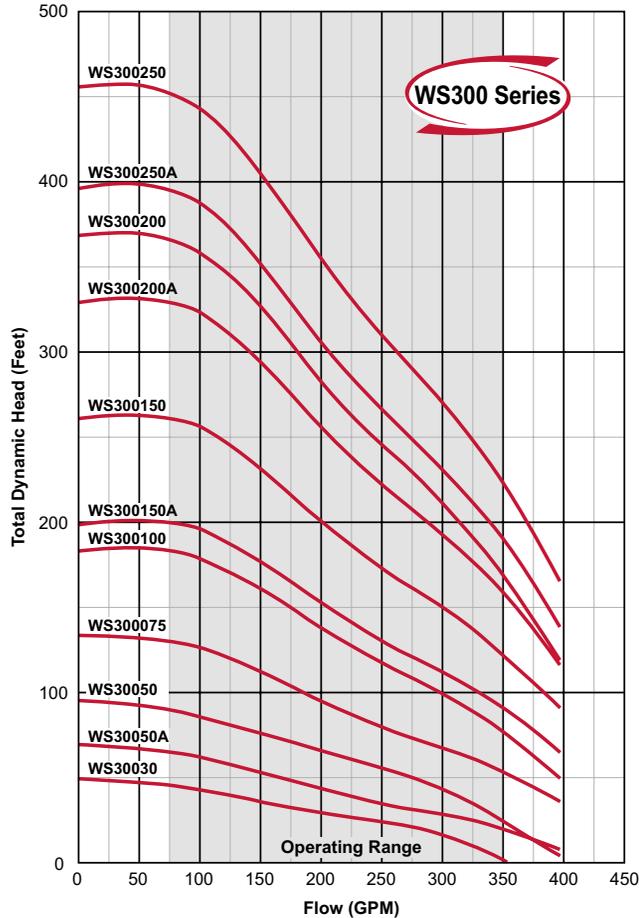
MODEL NO.	HP	STAGES
WS230250**	25.0	8
WS230300A**	30.0	9
WS230300**	30.0	10
WS230400**	40.0	13
WS230500A**	50.0	15
WS230500**	50.0	17
WS230600A**	60.0	18
WS230600**	60.0	20

**6" motor bracket

PEI_{CL}: 0.88 Impeller Dia.: 4.14 (in.) | O.D. (One motor Lead): 5.87" - 6" Mtr.

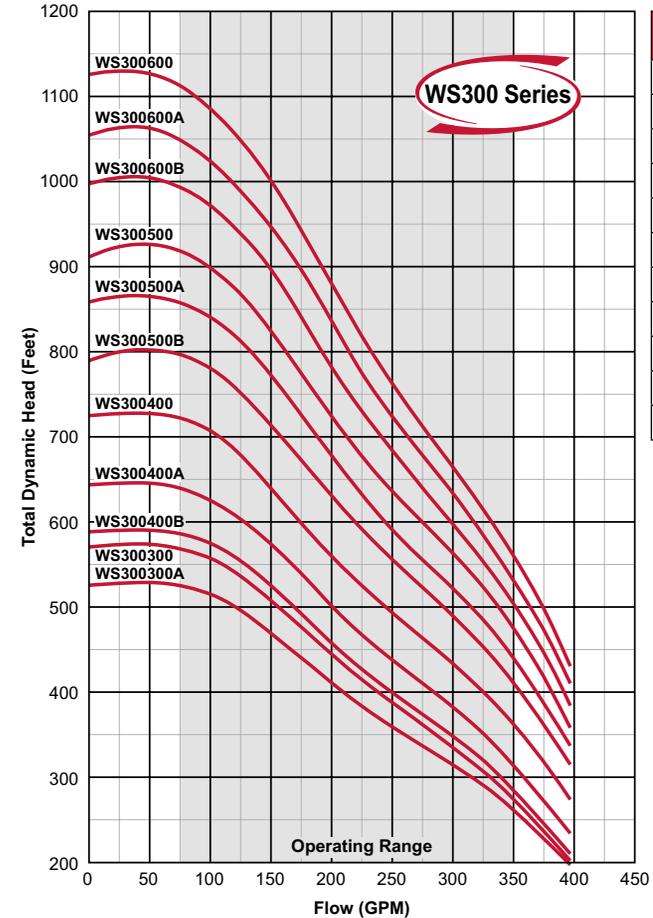
PEI_{CL}: 0.88 Impeller Dia.: 4.14 (in.) | O.D. (One motor Lead): 5.87" - 6" Mtr.

PERFORMANCE CURVES



MODEL NO.	HP	STAGES
WS30030*	3.0	1B
WS30050A*	5.0	1
WS30050*	5.0	2BB
WS300075**	7.5	2
WS300100**	10.0	3A
WS300150A**	15.0	3
WS300150**	15.0	4
WS300200A**	20.0	5
WS300200**	20.0	6B
WS300250A**	25.0	6
WS300250**	25.0	7

*4" motor bracket
 **6" motor bracket



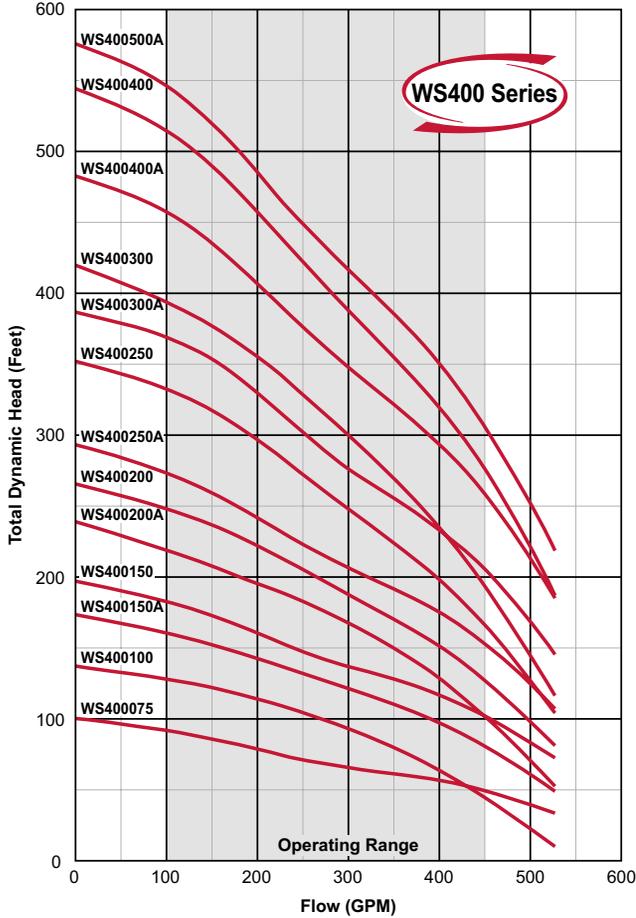
MODEL NO.	HP	STAGES
WS300300A**	30.0	8
WS300300**	30.0	9B
WS300400B**	40.0	9
WS300400A**	40.0	10
WS300400**	40.0	11
WS300500B**	50.0	12
WS300500A**	50.0	13
WS300500**	50.0	14
WS300600B**	60.0	15
WS300600A**	60.0	16
WS300600**	60.0	17

**6" motor bracket

PEI_{CL}: 0.90 Impeller Dia.: 4.15 (in.) | O.D. (One motor Lead): 5.87" - 6" Mtr.

PEI_{CL}: .090 Impeller Dia.: 4.15 (in.) | O.D. (One motor Lead): 5.87" - 6" Mtr.

PERFORMANCE CURVES

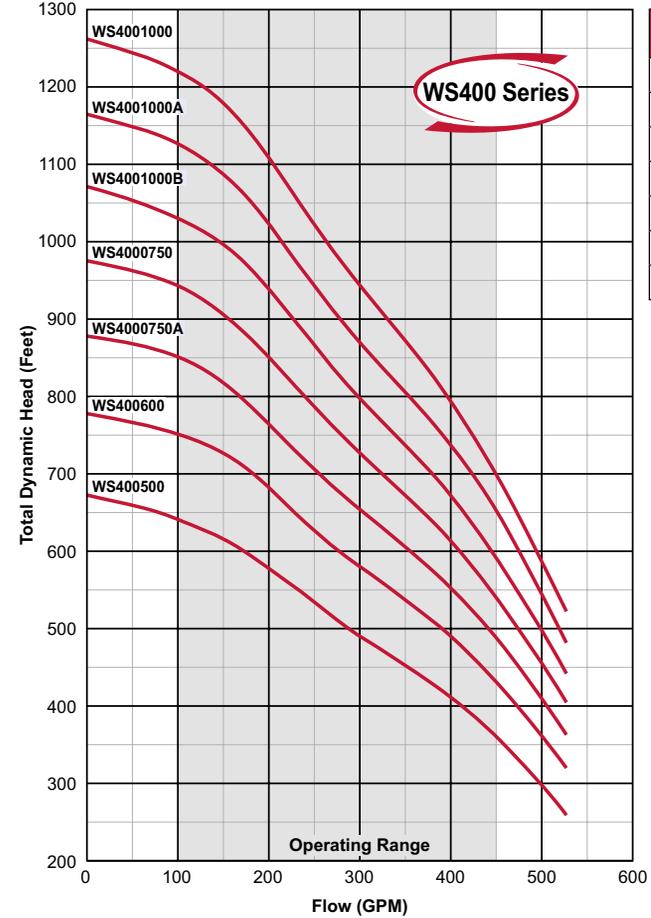


MODEL NO.	HP	STAGES
WS400075**	7.5	1
WS400100**	10.0	2AB
WS400150A**	15.0	2A
WS400150**	15.0	2
WS400200A**	20.0	3AA
WS400200**	20.0	3A
WS400250A**	25.0	3
WS400250**	25.0	4B
WS400300A**	30.0	4
WS400300**	30.0	5BB
WS400400A**	40.0	5
WS400400**	40.0	6B
WS400500A**	50.0	6

**6" motor bracket

O.D. (One motor Lead): 7.01" - 6" Mtr. / 7.87" - 8" Mtr.

5" NPT DISCHARGE

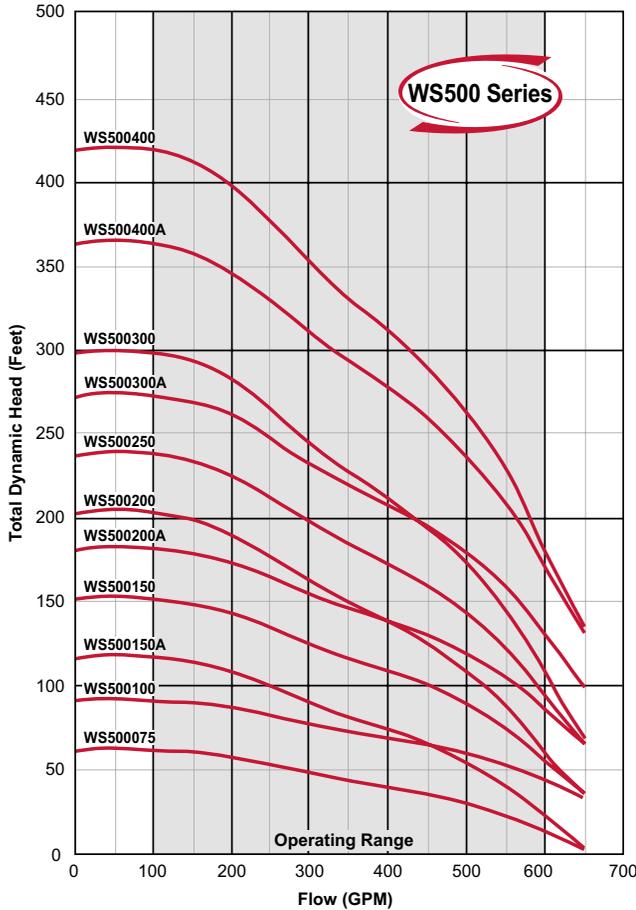


MODEL NO.	HP	STAGES
WS400500**	50.0	7
WS400600**	60.0	8
WS4000750A*	75.0	9
WS4000750*	75.0	10
WS4001000B*	100.0	11
WS4001000A*	100.0	12
WS4001000*	100.0	13

**6" motor bracket
*8" motor bracket

O.D. (One motor Lead): 7.01" - 6" Mtr. / 7.87" - 8" Mtr.

PERFORMANCE CURVES

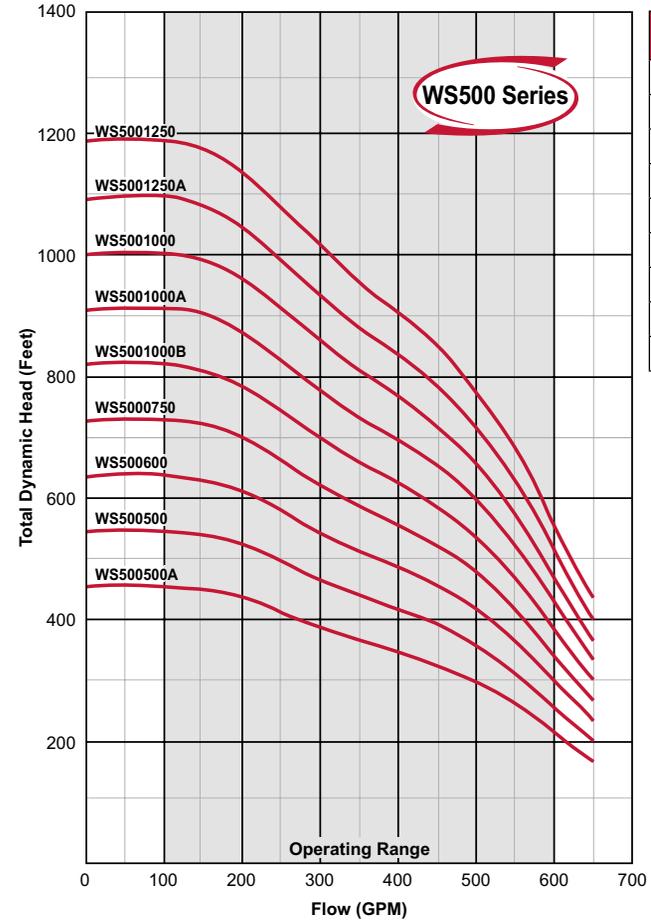


MODEL NO.	HP	STAGES
WS500075**	7.5	1A
WS500100**	10.0	1
WS500150A**	15.0	2AB
WS500150**	15.0	2B
WS500200A**	20.0	2
WS500200**	20.0	3BB
WS500250**	25.0	3B
WS500300A**	30.0	3
WS500300**	30.0	4AB
WS500400A**	40.0	4
WS500400**	40.0	5B

**6" motor bracket

O.D. (One motor Lead): 7.05" - 6" Mtr. / 8.07" - 8" Mtr.

5" NPT DISCHARGE



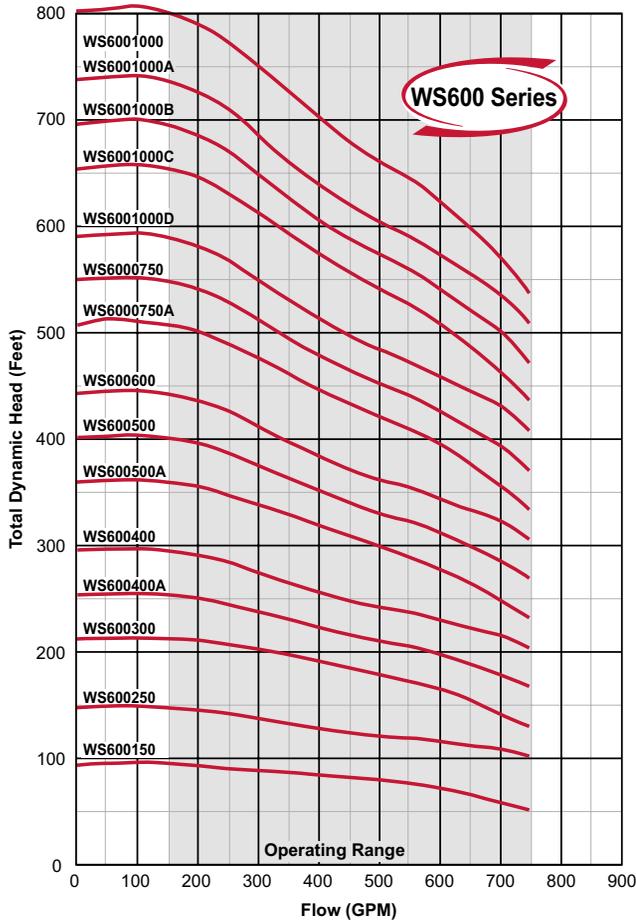
MODEL NO.	HP	STAGES
WS500500A**	50.0	5
WS500500**	60.0	6
WS500600**	60.0	7
WS5000750*	75.0	8
WS5001000B*	100.0	9
WS5001000A*	100.0	10
WS5001000*	100.0	11
WS5001250A*	125.0	12
WS5001250*	125.0	13

**6" motor bracket

*8" motor bracket

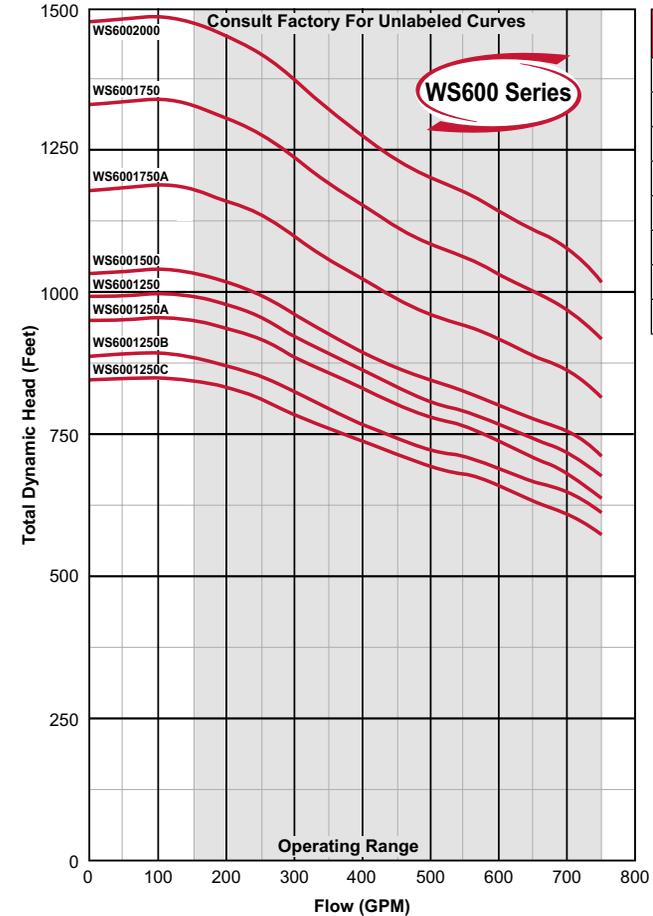
O.D. (One motor Lead): 7.05" - 6" Mtr. / 8.07" - 8" Mtr.

PERFORMANCE CURVES



MODEL NO.	HP	STAGES
WS600150**	15.0	1-A
WS600250**	25.0	1
WS600300**	30.0	2-AA
WS600400A**	40.0	2-A
WS600400**	40.0	2
WS600500A**	50.0	3-AA
WS600500**	60.0	3-A
WS600600**	60.0	3
WS600750A*	75.0	4-AA
WS600750*	75.0	4-A
WS6001000D*	100.0	4
WS6001000C*	100.0	5-AA
WS6001000B*	100.0	5-A
WS6001000A*	125.0	5
WS6001000*	125.0	6-AA

**6" motor bracket
*8" motor bracket

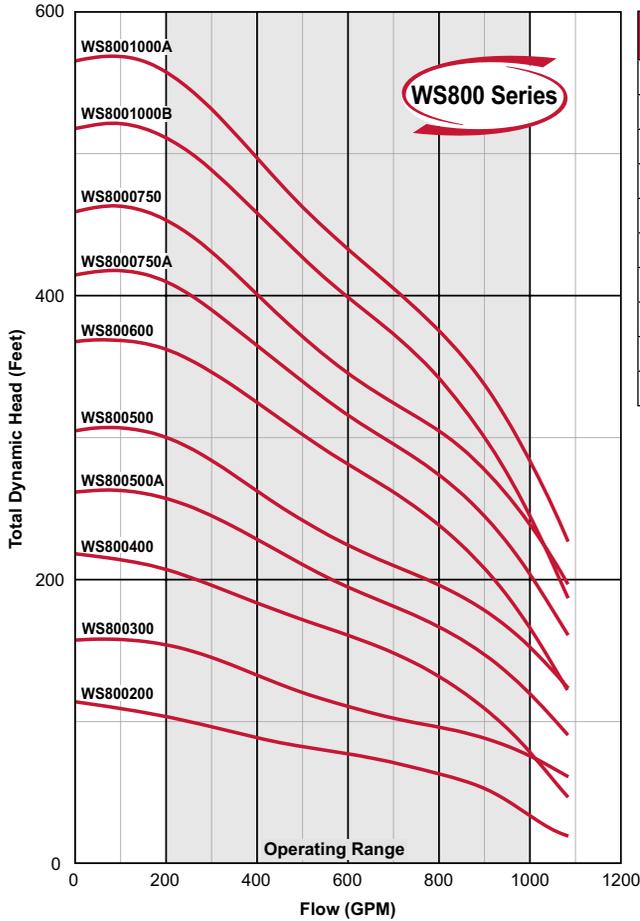


MODEL NO.	HP	STAGES
WS6001250C*	125.0	6-A
WS6001250B*	125.0	6
WS6001250A*	150.0	7-AA
WS6001250*	150.0	7-A
WS6001500*	150.0	7
WS6001750A*	175.0	8
WS6001750*	175.0	9
WS6002000*	200.0	10

*8" motor bracket

O.D. (One motor Lead): 8.31" - 6" Mtr. / 8.39" - 8" Mtr.

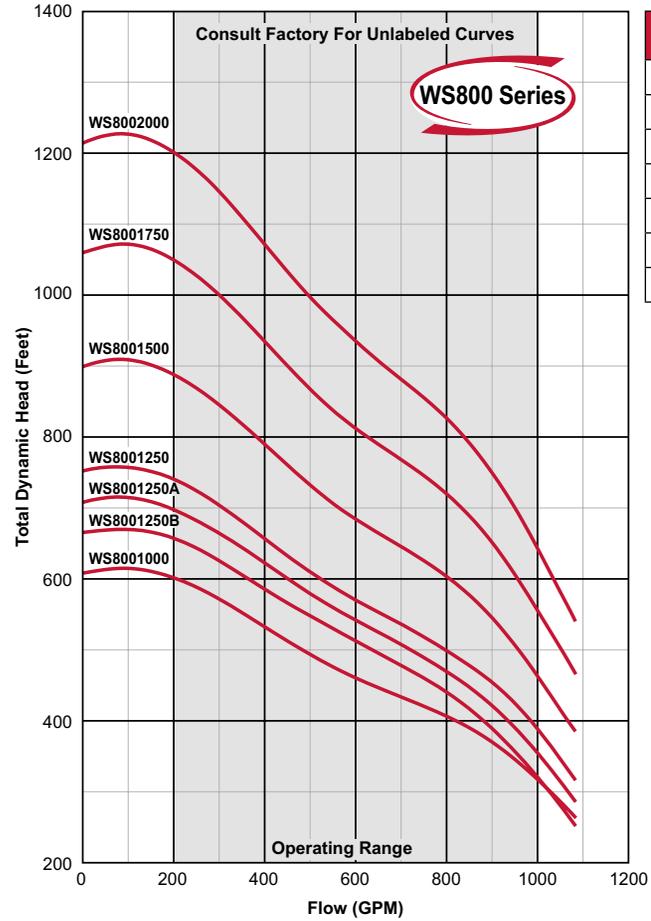
O.D. (One motor Lead): 8.31" - 6" Mtr. / 8.39" - 8" Mtr.



MODEL NO.	HP	STAGES
WS800200**	20.0	1-A
WS800300**	30.0	1
WS800400**	40.0	2-AA
WS800500A**	50.0	2-A
WS800500**	50.0	2
WS800600**	60.0	3-AA
WS8000750A*	75.0	3-A
WS8000750*	75.0	3
WS8001000B*	100.0	4-AA
WS8001000A*	100.0	4-A

**6" motor bracket
*8" motor bracket

O.D. (One motor Lead): 8.31" - 6" Mtr. / 8.39" - 8" Mtr.

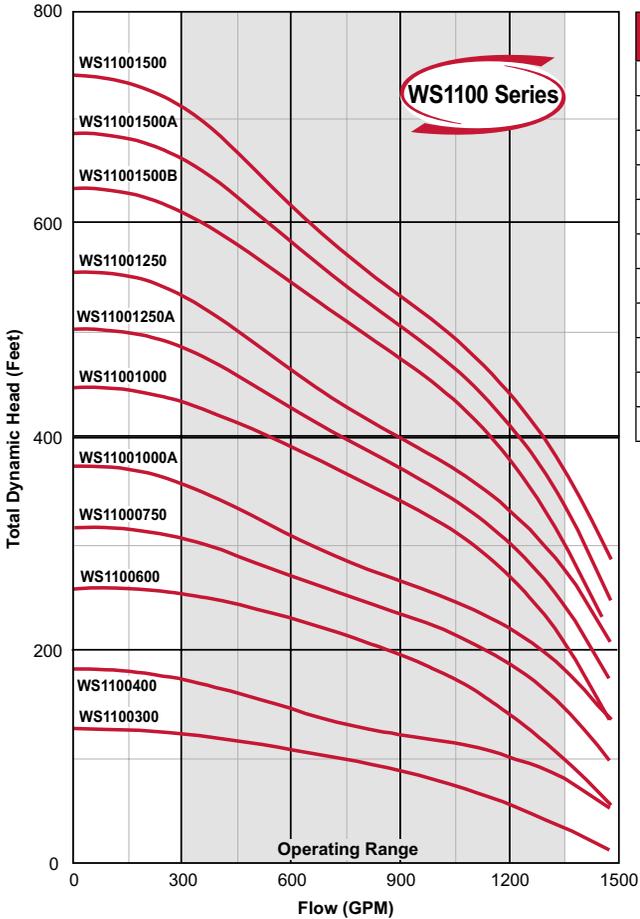


MODEL NO.	HP	STAGES
WS8001000*	100.0	4
WS8001250B*	125.0	5-AA
WS8001250A*	125.0	5-A
WS8001250*	125.0	5
WS8001500*	150.0	6
WS8001750*	175.0	7
WS8002000*	200.0	8

*8" motor bracket

O.D. (One motor Lead): 8.31" - 6" Mtr. / 8.39" - 8" Mtr.

PERFORMANCE CURVES

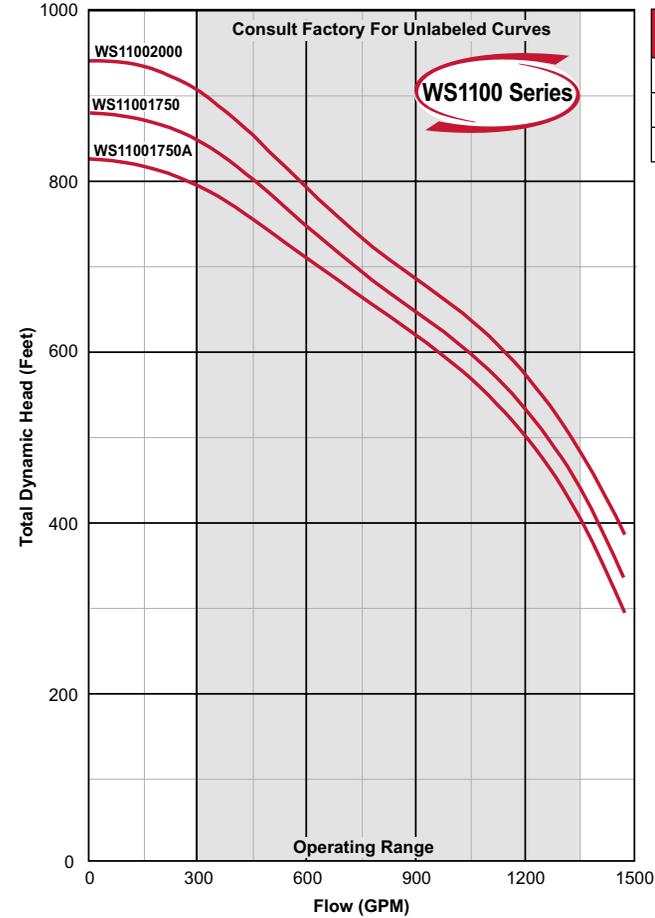


MODEL NO.	HP	STAGES
WS1100300**	30.0	1-A
WS1100400**	40.0	1
WS1100600**	60.0	2-AA
WS11000750*	75.0	2-A
WS11001000A*	100.0	2
WS11001000*	100.0	3-AA
WS11001250A*	125.0	3-A
WS11001250*	125.0	3
WS11001500B*	150.0	4-AA
WS11001500A*	150.0	4-A
WS11001500*	150.0	4

**6" motor bracket
*8" motor bracket

O.D. (One motor Lead): 9.33" - 6" Mtr. / 9.33" - 8" Mtr.

6" NPT DISCHARGE



MODEL NO.	HP	STAGES
WS11001750A*	175.0	5-AA
WS11001750*	175.0	5-A
WS11002000*	200.0	5

*8" motor bracket

O.D. (One motor Lead): 9.33" - 6" Mtr. / 9.33" - 8" Mtr.



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