APV Fluid Handling America W+ Performance Curves

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4		3500		60			A-1-201.230 P2	A-1-201.230 P6
		1450 2900		50 50			A-1-201,230 P3	A-1-201.230 P7
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		3500	**	60	te te	***************************************	A-1-201.265 P2	A-1-201.265 P6
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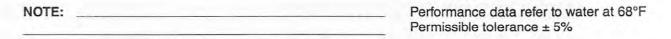
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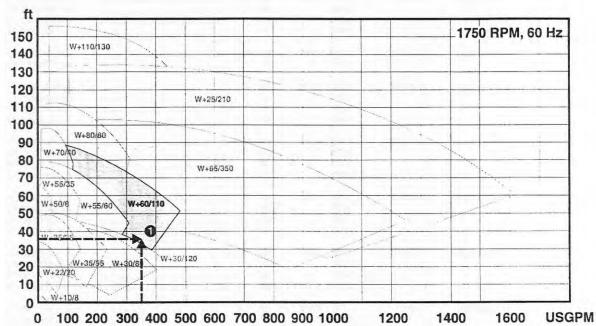
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M.)		1450	*	50	.10		A-1-201.225 P3	A-1-201.225 P7
		2900		50			A-1-201.225 P4	A-1-201.225 P8
Dumn tuna	W+35/35	1750	RPM	60	U-		A-1-201.230 P1	A 4 004 000 T-
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Pump type	W+35/55	1750	RPM	60	Hz		A-1-201.235 P1	A-1-201.235 P5
"	11 700700	3500	"	60	"		A-1-201.235 P2	A-1-201.235 P6
	0	1450	16	50		***************************************	A-1-201.235 P3	A-1-201.235 P7
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		3500	H	60	n	***************************************	A-1-201.240 P2	A-1-201.240 P6
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		2900		50		***************************************	A-1-201.240 P4	A-1-201.240 P8
Pump type	W+55/35	1750	RPM		Hz		A-1-201.245 P1	A-1-201.245 P5
		3500		60	11	***************************************	A-1-201.245 P2	A-1-201.245 P6
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	H	2900		50			A-1-201.250 P4	A-1-201.250 P8
Pump type	W+60/110	1750	RPM	60	Hz		A-1-201.255 P1	A-1-201.255 P5
	*	3500		60		***************************************	A-1-201.255 P2	A-1-201.255 P6
		1450		50	n	***************************************	A-1-201.255 P3	A-1-201.255 P7
		2900		50	10	***************************************	A-1-201.255 P4	A-1-201.255 P8
Pump type	W+65/350	1750	RPM	60	Hz	***************************************	A-1-201.260 P1	A-1-201.260 P5
	H	3500	**	60	11	***************************************	A-1-201.260 P2	A-1-201.260 P6
	u u	1450		50			A-1-201.260 P3	A-1-201.260 P7
-		2900		50	*	***************************************	A-1-201.260 P4	A-1-201.260 P8
Pump type	W+70/40	1750	RPM	60	Hz		A-1-201.265 P1	A-1-201.265 P5
	н	3500	"	60	-	***************************************	A-1-201.265 P2	A-1-201.265 P6
		1450		50			A-1-201.265 P3	A-1-201.265 P7
		2900		50			A-1-201.265 P4	A-1-201.265 P8
Pump type	W+80/80	1750	RPM	60	Hz	***************************************	A-1-201.270 P1	A-1-201.270 P5
и.		3500 1450		60			A-1-201.270 P2	A-1-201.270 P6
и		2900		50 50	*		A-1-201.270 P3 A-1-201.270 P4	A-1-201.270 P7 A-1-201.270 P8
Pump type	W+110/130	1750	RPM	60	Hz		A-1-201.275 P1	A-1-201.275 P5
	R	3500	" "	60	H H		A-1-201.275 P2	A-1-201.275 P6
	H	1450	и	50	**		A-1-201.275 P3	A-1-201.275 P7
	R.	2900		50			A-1-201.275 P4	A-1-201.275 P8
Pump type	W+140/50	3500	RPM	60	Hz	3 - STAGES	A-1-201.280 P1	A-1-201.280 P5
	H	3500	14	60	11.	2 - STAGES	A-1-201.280 P2	A-1-201.280 P6
	**	2950		50	11	3 - STAGES	A-1-201.280 P3	A-1-201.280 P7
	14	2950		50		2 - STAGES	A-1-201.280 P4	A-1-201.280 P8

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How to use performance curves





Example:

The required flow is 350 USGPM at differential pressure of 35 ft water gauge. This corresponds to a W+60/110. ●

Choose the impeller diameter closest to the point **9** where the flow curve **9** cuts the differential pressure curve **9**, in this case 7.1"

Opposite the point where the line cuts the efficiency curve for 7.1" Syou can read the pump power consumption in this case 4.6 hp.

Select the next motor size up from the below standard list: i.e. 5 hp

Moter sizes Power HP: 1/3,1/2, 3/4, 1, 1 1/2, 2, 3, 5, 7.5, 10, 20, 25, 30, 40, 50, 60, 75, 100.

