

E-1177A

SINGLE STAGE PUMP- 7.5" IMPELLER

APMG35	4	IN. HOSE, 9900 FEET
APMG45	4	IN. HOSE, 4400 FEET
APMG45	4-1/2	IN. HOSE, 5400 FEET

APMG50	4	IN. HOSE	2000 FEET
APMG50	4 -1/2.	IN. HOSE	3150 FEET

RATED CAPACITY (US GPM)				CAPACITY (US GPM)				PRESSURE (PSIG) ***				HORSEPOWER REQUIRED				INPUT DRIVE SHAFT (RPM)*										HALE PRODUCTS, INC. A Unit of IDEX Corporation Conshohocken, PA 19428 USA				HALE COPYRIGHT © NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY				SCALE: NONE			
																RATIO 3.00		RATIO 2.67		RATIO 2.18		RATIO 1.92		RATIO 1.71													
350	PUMP MODEL				APMG35-30				APMG35-26				APMG35-21				APMG35-19				APMG35-17																
	350 150 52				1580				1770				2170				2460				2770																
	350 165 58				1640				1850				2260				2570				2880																
	245 200 60				1770				1990				2430				2760				3100																
	175 250 70				1980				2220				2720				3090				3470																
450	PUMP MODEL				APMG45-30				APMG45-26				APMG45-21				APMG45-19				APMG45-17																
	450 150 62				1630				1840				2250				2550				2860																
	450 165 69				1690				1900				2330				2640				2970																
	315 200 67				1780				2000				2440				2780				3110																
	225 250 76				1980				2230				2730				3100				3480																
500	PUMP MODEL				APMG50-30				APMG50-26				APMG50-21				APMG50-19				APMG50-17																
	500 150 75				1750				1960				2400				2730				3060																
	500 165 81				1800				2030				2480				2820				3170																
	350 200 74				1860				2100				2560				2910				3270																
	250 250 79				2020				2270				2780				3160				3550																
** HIGH PRESSURE																																					
<p>* ENGINE SPEED MUST NOT EXCEED MFR'S MAXIMUM NO-LOAD GOVERNED SPEED.</p> <p>** THE PUMP IS CAPABLE OF THE HIGH PRESSURE PERFORMANCE SHOWN. ACTUAL OBTAINABLE PRESSURE SHOULD BE CHECKED IN ADVANCE, AND IS GOVERNED BY ENGINE SPEED, AVAILABLE HORSEPOWER AND PUMP RATIO.</p> <p>*** GAUGE PRESSURE DOES NOT INCLUDE LIFT OR SUCTION LOSSES.</p> <p>THIS CHART IS TO BE USED TO SELECT THE PROPER PUMP GEARBOX RATIO. THE INPUT SPEED AND HORSEPOWER REQUIREMENTS SHOWN ARE NOMINAL ±5% FIGURES. WHEN USING THIS CHART, IT IS IMPORTANT TO OBTAIN THE NET HORSEPOWER OUTPUT OF THE ENGINE. THE ENGINE MANUFACTURER'S PUBLISHED CURVE MAY NOT REPRESENT A TRUE NET HORSEPOWER WHEN TOTALING ALL THE POWER DEDUCTIONS THAT MAY BE ENCOUNTERED FOR THE NFPA 1901 TEST. THE DEDUCTIONS COULD BE ENGINE AND VEHICLE ACCESSORIES, ELEVATION, TEMPERATURE, BAROMETER, ETC. CHECK WITH THE ENGINE MANUFACTURER FOR THEIR RECOMMENDATION AND APPROVAL OF THE NET HORSEPOWER CURVE.</p>																																					
ECO NO. REV				CHANGED FROM				DATE				APVD				BY				MD				10/25/2001				MALL									
01-371 A				RELEASE TO PRODUCTION																																	
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