

PERFORMANCE DATA FOR HYDRAULIC AND PNEUMATIC DRIVEN "S" PUMPS

HYDRAULIC DRIVEN PUMPS

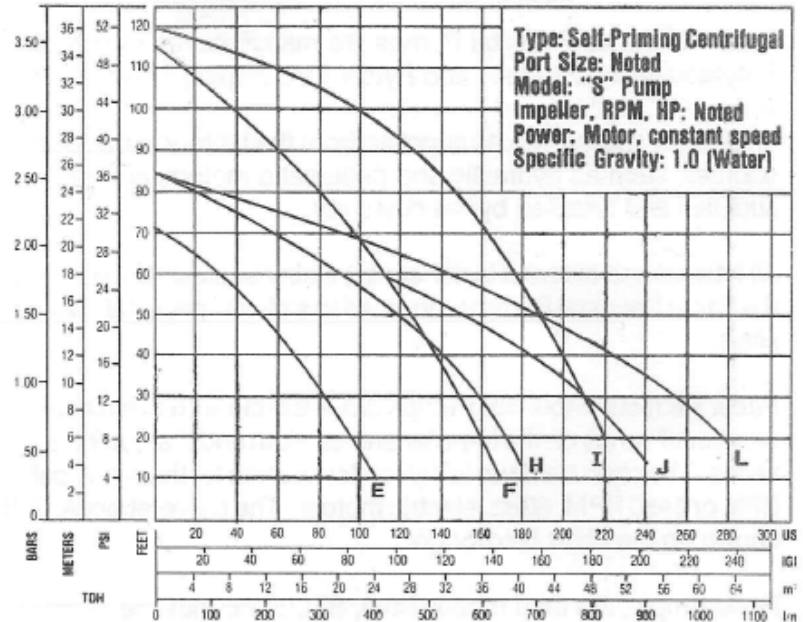
PERFORMANCE CURVES 3450 RPM

HYDRAULIC MOTOR CURVES	Curve	Impeller	RPM	Actual Required HP	Port Size
	E F H I J L	667	3450	1.7	1½", 2"
704		3450	3.6	1½", 2"	
974		3450	3.1	1½", 2"	
706		3450	6.6	1½", 2"	
975		3450	5.0	1½", 2"	
	975	3450	5.0	3"	

PNEUMATIC MOTOR CURVES	Curve	Impeller	RPM	Actual Required HP	Port Size
	E F H I J L	667	2900	1.0	1½", 2"
704		2900	2.1	1½", 2"	
974		2900	1.8	1½", 2"	
706		2900	3.9	1½", 2"	
975		2900	2.9	1½", 2"	
975		2900	2.9	3"	

NOTE: Actual required horsepowers noted are the maximum required at the designated rpm when pumping water (specific gravity = 1.0). For horsepower requirements of other liquids, multiply the specific gravity of the liquid to be pumped times the actual required horsepower and select the next higher standard horsepower motor.

The maximum horsepower requirement mentioned above occurs at the right end of the curve. For horsepower requirements at a particular point on the curve, consult the factory.



HYDRAULIC MOTOR REQUIREMENTS

RPM	HP	HYDRAULIC FLUID REQUIRED (GPM)	FLUID PRESSURE REQUIRED (PSI)
3450	2	9	500
3450	3	9	750
3450	5	9.2	1200
3450	7	9.5	1550

PNEUMATIC MOTOR REQUIREMENTS

RPM	HP	AIR VOLUME REQUIRED (Ft ³ /min.)	AIR PRESSURE REQUIRED (PSI)
1750	.5	25	20
1750	1	38	37
2900	1	45	27
2900	2	70	49
2900	3	100	74
2900	4	130	102

PNEUMATIC DRIVEN PUMPS PERFORMANCE CURVES 2900 RPM

