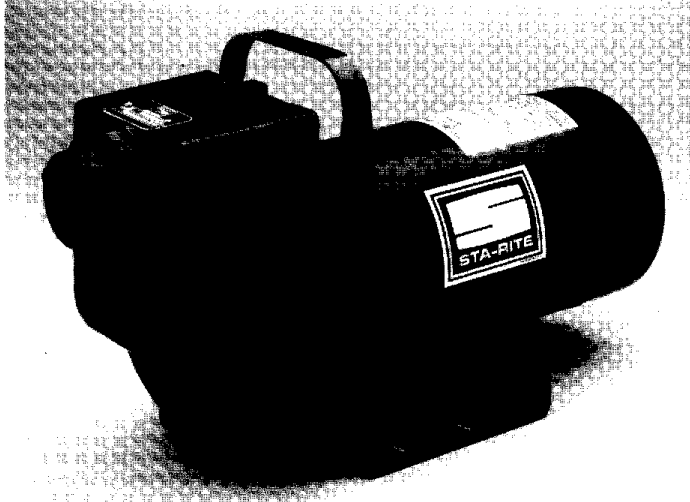


Self-Priming Centrifugal Pumps

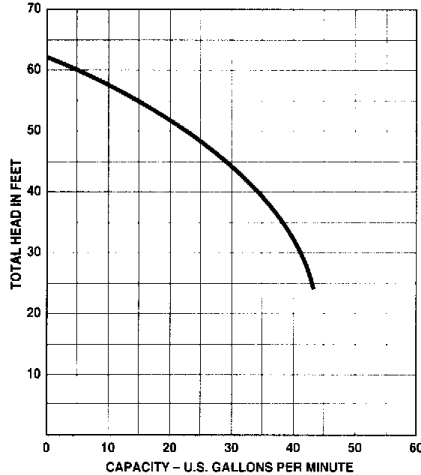
DPC Design Series



The DPC self-priming centrifugal pump is a rugged cast iron pump capable of priming up to 20' vertically. The semi-open impeller will

handle solids up to .225". The unit is equipped with a 1/2 HP 115 volt motor and features 1-1/4" suction and discharge.

Pump Performance



Applications

Effluent and wastewater removal, sump drainage, dewatering, circulation and fountains

Materials

Volute – cast iron

Impeller – Lexan®

Diffuser – reinforced polypropylene

Shaft – one-piece threaded stainless steel

Features

Motor – 1/2 HP, 3450 RPM, 115 volt split phase, 60 Hz. Built-in thermal overload protection with automatic reset.

Mechanical Seal – J. Crane type 6A or equal. Buna-N elastomers, carbon and ceramic sealing faces, stainless steel metal parts.

Bearings – Ball type

Overload protection with automatic reset.

10' power cord included.

Maximum Limits – liquid temperature to 130°F (55°C)

Check Valve – built in

Priming Port – for ease of operation

Handle – for portability

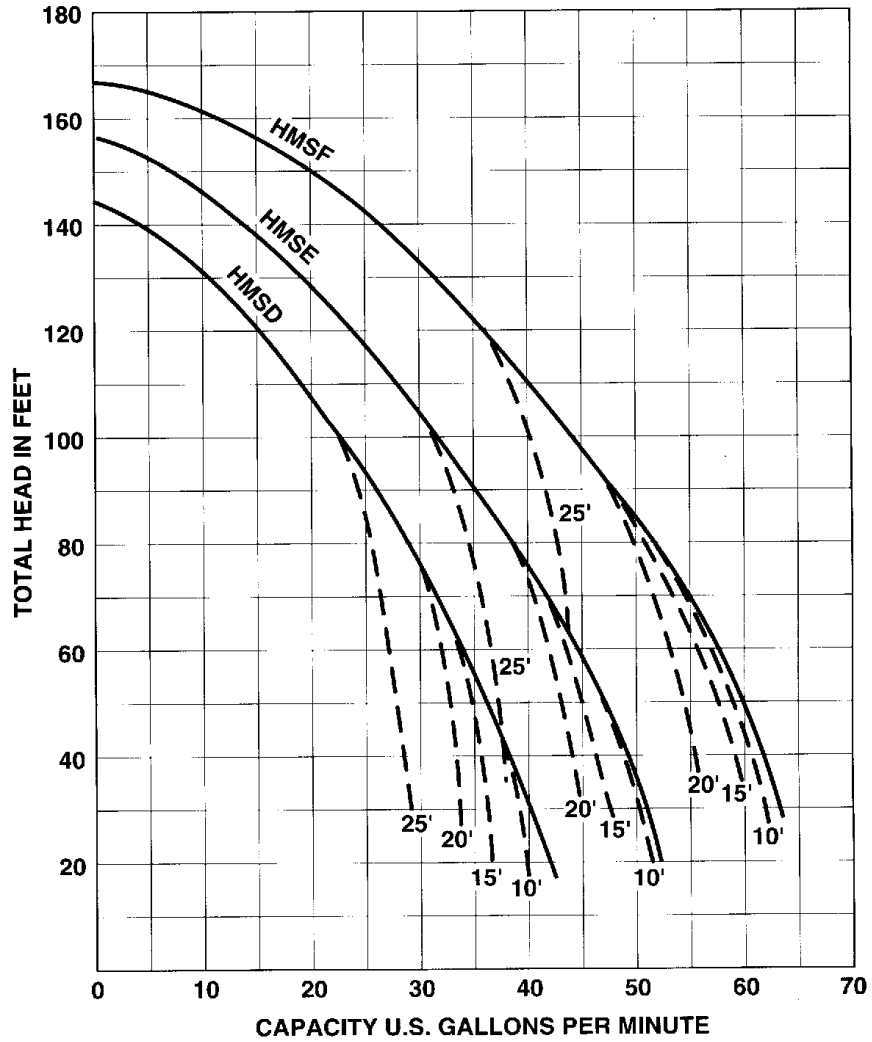
In order to provide the best products possible, specifications are subject to change.

Ordering Information

HP	Catalog Number	Max. Load Amps	Volts	Phase/Cycles	Auto-matic
1/2	DPC	9.4	115	60/1	NO

Horizontal Multi-Stage Jet/Centrifugal Pumps

Centrifugal Performance

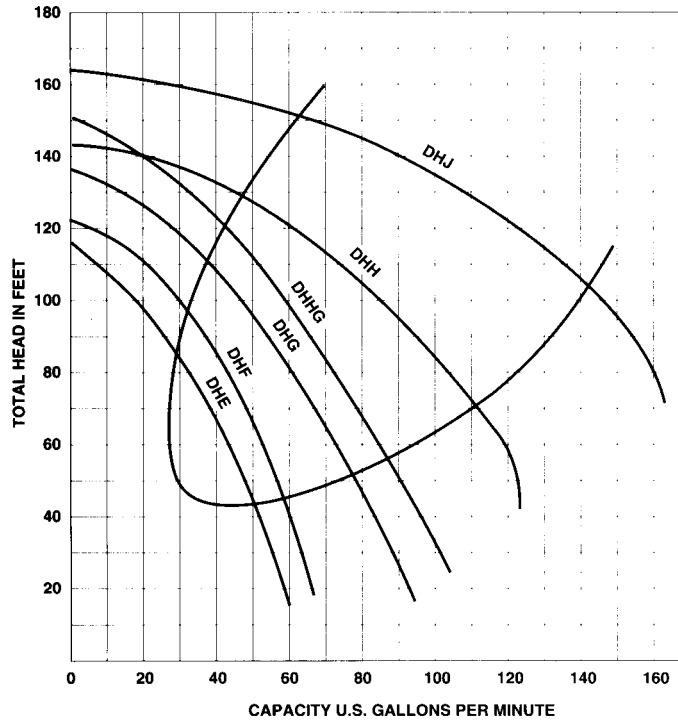


NOTE: Dotted lines indicate performance reduction at high suction lift.

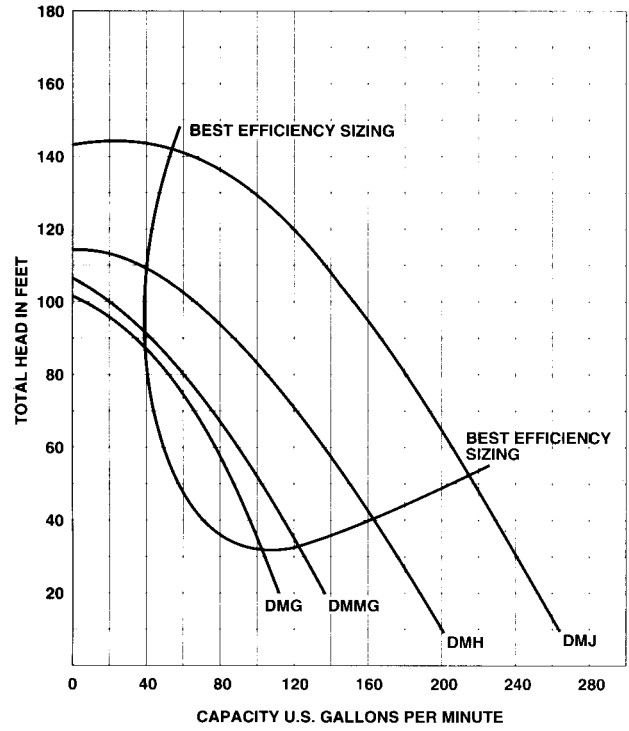
NOTE: Pumps installed with a CON-AIRE[®] tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

Pump Performance

HIGH HEAD



MEDIUM HEAD

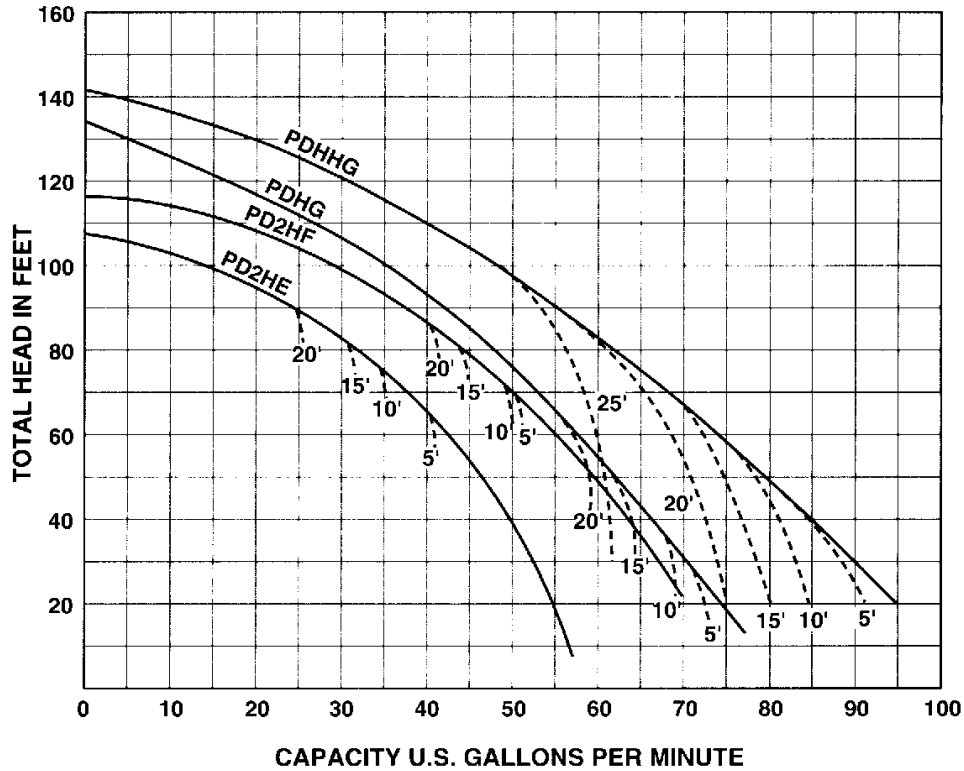


Sta-Rite D Series

Thermoplastic Self-Priming Sprinkler Pumps

PD Design Series

Pump Performance



Pump Performance

Disch. Press. PSI	PD2HE					PD2HF					PDHG					PDHHG				
	Distance Above Water																			
	5'	10'	15'	20'	25'	5'	10'	15'	20'	25'	5'	10'	15'	20'	25'	5'	10'	15'	20'	25'
Capacity - Gallons Per Minute																				
10	55	49	48	45		67	61	56	46		69	67	65	62	59	92	83	81	78	64
20	45	42	39	37		61	56	54	44		59	56	54	52	49	80	76	75	74	59
30	31	28	24	20		48	45	44	37		47	45	42	40	37	66	66	65	64	55
40	17	13	8			33	27	20	11		34	30	27	23	19	55	54	53	52	50
50											14	7				40	38	37	36	34