



SERIES 'PC' HORIZONTAL PUMPS

**INDUSTRY • AGRICULTURE •
MARINE • AQUACULTURE**

*pumping, transferring or recirculating of ACIDS /
PLATING SOLUTIONS / PHOTOGRAPHIC CHEMICALS
/ FUME SCRUBBER / WASTEWATER / ETCHING AND
CLEANING SOLUTIONS*

- **AVAILABLE MOLDED FROM:** Glass reinforced Polyester (PCE*), Polypropylene (PCP*), Ryton® (PCR*) or Noryl (PCN*).

* Represents the first three characters in model number which specify the material of construction.

- **NON-METALLIC SOLUTION CONTACT MODELS AVAILABLE IN ALL STOCK MATERIALS.**

- **FLOWS TO 230 US GPM or 94 FT. TDH @ 60 Hz.** (725 LPM or 20 M @50 Hz).

- **SELECTION OF DRIVES** - TEFC electric motor, Hydraulic or pneumatic motors or gasoline engines.

- **1-1/2", 2", 3" NPT THREADED PORTS.**
1-1/2", 2" BSP THREADS AVAILABLE.

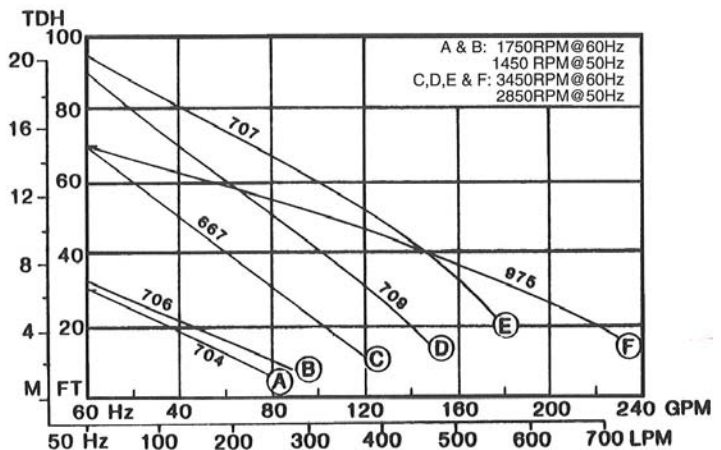


PUMP SPECIFICATIONS:

All major pump parts are precision molded of tough, corrosion resistant glass reinforced thermoplastics. These high strength plastics provide resistance to many acids, bases, solvents and salt water at temperatures as high as 200 degrees F (93C). Available with EPDM, Buna or Viton elastomers and stainless steel fasteners. Also available with non-metallic solution contact option. Consult factory.

The 1-1/2" and 2" models are the same pump with both ports threaded 1-1/2" female and 2" male. The 3" model has male threads only. For abrasive solutions, the Polyester and Noryl models are available with a Buna-N or EPDM rubber wear plate.

Pumps may be ordered with a chemically resistant Noryl bearing pedestal for long coupled direct drive or a cast iron pedestal for belt drive and heavy duty service. Close coupled drives include electric, hydraulic or pneumatic motor and gasoline engines through 8 hp. All available from stock.



Impeller numbers are indicated on curve. NOTE: pump performance is slightly greater with engine drive (3600 rpm) See chart on next page.



Tank truck unloading.



Many uses in agriculture and aquaculture. Recirculation, filter systems, transfer from totes and tanks.



Many industrial uses. Solution transfer, filter systems, fume scrubbing, off-loading tanker trucks.

Consult factory for models with materials of construction other than EPDM and polyester as shown below.

Long coupled to electric motor



PUMP WITH ELECTRIC DRIVE

CURVE	PORT SIZE in.	**MAXIMUM FLOW RATE		MAXIMUM TDH		REQUIRED HP 60Hz	MODEL NUMBER	PRICE CODE #	ELECTRIC MOTOR/HP ADD TO MODEL AND PCN	
		GPM	LPM	Ft.	Meters				115/230/1/60	230/460/3/60
A	1½-2	70	220	30	6.5	.5	PCE2AL	60-12A4-	G.5C	H.5C
B	1½-2	90	285	32	7	1	PCE2BL	60-12B4-	G1.0C	H1.0C
C	1½-2	120	380	70	15	2	PCE2CL	60-12C4-	C2.0C	D2.0C
D	1½-2	150	475	90	19	3	PCE2DL	60-12D4-	C3.0C	D3.0C
E	1½-2	180	570	94	20	5	PCE2EL	60-12E4-	C5.0C*	D5.0C
F	3	230	725	70	15	5	PCE3FL	60-13F4-	C5.0C*	D5.0C



Close coupled electric

* 5 HP single phase motor is 230 volt only.
Consult factory for 50 Hz motors and performance



Pedestal mounted for Long coupling

PUMP WITH GASOLINE ENGINE DRIVE - CLOSE COUPLED

CURVE	PORT SIZE in.	**MAXIMUM FLOW RATE		MAXIMUM TDH		MODEL NUMBER	PRICE CODE #	GASOLINE ENGINE/HP ADD TO MODEL AND PCN	
		GPM	LPM	Ft.	Meters			STANDARD	COMMERCIAL
C	2	120	455	70	21	PCE2CL	60-12C4-	E550 127cc B&S	--
D	2	150	570	90	27	PCE2DL	60-12D4-	E550 127cc B&S	--
E	2	180	680	94	29	PCE2EL	60-12E4-	E950 205cc B&S E5HCP	E6VCP B&S E5HCP HONDA GX160
F	3	230	870	70	21	PCE3FL	60-13F4-		E6VCP B&S 6HP VANGUARD E6HCP HONDA HONDA GX200

All gasoline engine driven 'PC' pumps are equipped with a roll cage.



Engine Drive

PUMP WITH HYDRAULIC OR PNEUMATIC DRIVE - CLOSE COUPLED

CURVE	PORT SIZE in.	HYDRAULIC @ 3450 RPM					PNEUMATIC @ 2900 RPM					MODEL #	PRICE CODE #	HYC ADD TO MODEL & PCN	PNC
		MAXIMUM FLOW RATE		MAXIMUM TDH		MAX. HP	MAXIMUM FLOW RATE		MAXIMUM TDH		MAX. HP				
		GPM	LPM	Ft.	M		GPM	LPM	Ft.	M					
C	2	120	455	70	21	2	100	380	48	15	1	PCE2CL	60-12C4-	HYC	PCN
D	2	150	570	90	27	3	125	475	62	19	2	PCE2DL	60-12D4-	"	"
E	2	180	680	94	29	5	150	570	65	20	2	PCE2EL	60-12E4-	"	"
F	3	230	870	70	21	5	190	720	48	15	3	PCE3FL	60-13F4-	"	"

Consult factory for hydraulic and pneumatic drive requirements.



Pneumatic



Hydraulic

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