

INDUSTRY

AGRICULTURE • MARINE

pumping, transferring or recirculating of

**ACIDS / PLATING SOLUTIONS / PHOTOGRAPHIC
CHEMICALS / FUME SCRUBBER / WASTEWATER
ETCHING AND CLEANING SOLUTIONS**



Pump Specifications:

All major pump parts are precision molded of tough, corrosion resistant glass-reinforced polyester, polypropylene, Ryton or Noryl thermoplastic. These high strength plastics provide resistance* to many acids, bases, solvents, and salt water at temperatures as high as 200°F (93°C). "O"-rings and seals are Viton®, EPDM or Buna N. Fasteners are stainless steel, with titanium or Hastelloy®C internal fasteners, shaft seal and shaft adapter and Pacer's own Polymer® non-metallic shaft seal for pumping highly corrosive liquids.

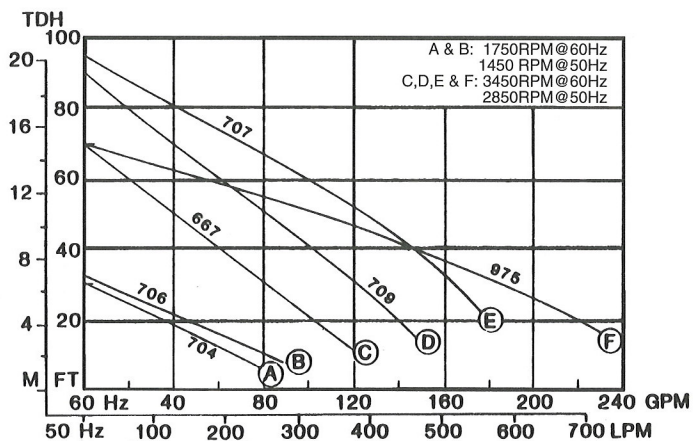
The 1½" and 2" models are the same pump with both ports threaded 1½" female and 2" male. The 3" pump has male threads only. For abrasive solutions, the polyester and Noryl models are available with a Buna N or EPDM rubber wearplate.

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

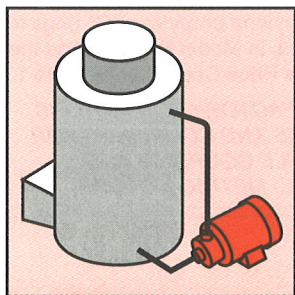
* Consult our Corrosion Resistance Chart for specific pump materials required for chemical handling application.

Registered Trademarks: **Noryl**- General Electric, **Ryton**- Phillips Petroleum, **Hastelloy** C- Haynes International, **Viton** - DuPont Dow Elastomers.

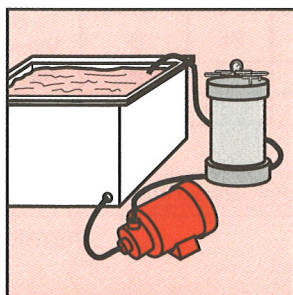
- **CHEMICAL RESISTANT** - Glass-reinforced Noryl®, Polyester, Polypropylene, or Ryton® construction
See our chemical resistance chart
- **NON-METALLIC SOLUTION CONTACT MODELS AVAILABLE IN ALL STOCK MATERIALS**
- **FLOWS TO 230 U.S. GPM or 94 FT. TDH @ 60 Hz** (725 LPM or 20 M @ 50 Hz)
- **SELECTION OF DRIVES** — Electric, Hydraulic or Pneumatic Motors. Gasoline or Diesel Engines
- **NOW AVAILABLE CLOSE-COUPLED TO ELECTRIC MOTORS THROUGH 5 HP**
- **1-1/2", 2", 3" NPT THREADED PORTS**
1-1/2", 2" BSP THREADS AVAILABLE



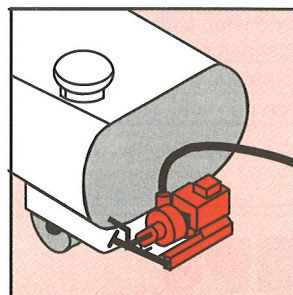
Impeller numbers are indicated on curves.
 NOTE: Pump performance is slightly greater with engine drive (3600 RPM). See chart on next page.



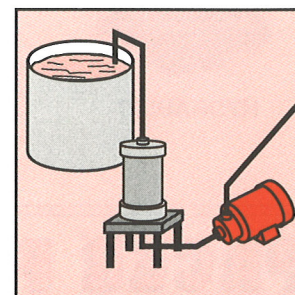
**FUME
SCRUBBING**



**FILTER
SYSTEM**



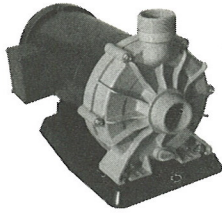
**TANK TRUCK
UNLOADING**



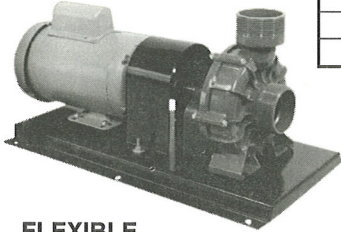
**SOLUTION TRANSFER
w/PRIMING CHAMBER**

Note: Shafts in these pumps are not in direct contact with the liquid being pumped. They are protected from corrosion by a 316 SS or heat-shrinkable polyethylene sleeve, as indicated. Consult factory for models with other materials of construction and/or performance characteristics.

PUMP WITH ELECTRIC DRIVE - CLOSE COUPLED OR PEDESTAL MOUNTED FOR FLEXIBLE COUPLING



CLOSE-COUPLED ELECTRIC



FLEXIBLE COUPLED TO ELECTRIC DRIVE

CURVE	PORT SIZE	** MAXIMUM FLOW RATE		MAXIMUM TDH		REQUIRED HP		MODEL NUMBER	PRICE CODE NUMBER	ELECTRIC MOTOR/HP ADD TO MODEL & PCN				
		In.	GPM	LPM	Feet	M	60 Hz			50 Hz	115/230/1/50-60**		230/460/3/50-60**	
											ODP	TEFC	ODP	TEFC
A	1½	70	220	30	6.5	.4	.2	PCE1½AL-	60-11A4-	M.5C	G.5C	-	-	
B	1½	90	285	32	7	.9	.5	PCE1½BL-	60-11B4-	M1.0C	G1.0C	N1.0C	H1.0C	
C	2	120	380	70	15	1.8	1.0	PCE2CL-	60-12C4-	K2.0C	C2.0C	T2.0C	D2.0C	
D	2	150	475	90	19	3.0	1.7	PCE2DL-	60-12D4-	K3.0C*	C3.0C*	T3.0C	D3.0C	
E	2	180	570	94	20	4.8	2.8	PCE2EL-	60-12E4-	-	C5.0C*	-	D5.0C	
F	3	230	725	70	15	4.9	2.8	PCE3FL-	60-13F4-	-	C5.0C*	-	D5.0C	

* 3 HP & 5 HP single phase motors 230 volts only.

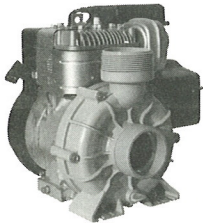
Available flexible coupled (Pedestal mounted). See OPTIONAL.

** GPM @ 1725 & 3450 RPM, 60 Hz motors; LPM @ 1450 & 2850 RPM, 50 Hz motors.

NOTE: When ordering 50Hz, specify voltage, phase, 50 Hz. (No change in Price Code Number.)

Pump is molded of glass reinforced polyester with ethylene propylene "O" rings*, standard volute, 316 SS internal hardware, 304 SS external hardware. Motor shaft is extended with 316 SS adapter.

PUMP WITH ENGINE DRIVE - CLOSE COUPLED



ENGINE DRIVE

CURVE	PORT SIZE	MAXIMUM FLOW RATE		MAXIMUM TDH		SHIPPING WEIGHT STD. or I/C		MODEL NUMBER	PRICE CODE NUMBER	GASOLINE ENGINE/HP ADD TO MODEL & PRICE CODE NUMBER		
		In.	GPM	LPM	Feet	M	Lbs.			Kg.	STANDARD	HEAVY DUTY I/C
C	2	120	455	70	21	37	17	PCE2CL-	60-12C4-			
D	2	150	570	90	27	37	17	PCE2DL-	60-12D4-	E3CP	E3ACP	
E	2	180	680	94	29	43	20	PCE2EL-	60-12E4-			
F	3	230	870	70	21	43	20	PCE3FL-	60-13F4-	E5ICP	E5ACP	

Pump is molded of glass reinforced polyester with ethylene propylene "O"-rings*, standard volute, 316 SS internal hardware, 304 SS external hardware. Engine shaft shielded with heat shrink polyethylene tubing.

PUMP WITH HYDRAULIC OR PNEUMATIC DRIVE - CLOSE-COUPLED



PNEUMATIC



HYDRAULIC

CURVE	PORT SIZE	HYDRAULIC @ 3450 RPM				PNEUMATIC @ 2900 RPM				SHIPPING WEIGHT		MODEL NUMBER	PRICE CODE NUMBER	HY.	PN.			
		MAXIMUM FLOW RATE		MAXIMUM TDH		MAXIMUM FLOW RATE		MAXIMUM TDH		HY.	PN.							
		In.	GPM	LPM	Feet	M	MAX. HP	GPM	LPM	Feet	M					MAX. HP	Lbs	Kg
																	Lbs	Kg
C	2	120	455	70	21	1.8	100	380	48	15	1.0							
D	2	150	570	90	27	3.0	125	475	62	19	1.8							
E	2	180	680	94	29	4.8	150	570	65	20	2.8	15	7	36	16			
F	3	230	870	70	21	4.9	190	720	48	15	2.9							

Pump molded of glass reinforced polyester with ethylene propylene "O" rings*, standard volute, 316 stainless steel internal hardware, 304 stainless steel external hardware, without baseplate on hydraulic, with baseplate on pneumatic. Motor shaft is extended with 316 SS shaft adapter. Consult factory for hydraulic and pneumatic drive requirements.

OPTIONAL Flexible Coupled

DESCRIPTION	ADD TO...	
	MODEL	PRICE CODE NO.
Noryl pedestal, carbon steel shaft with heat shrink polyethylene sleeve	PE	B
Noryl pedestal with 316 SS shaft adapter	PSS	D
Cast iron pedestal with solid 316 SS shaft	CSS	P

* To change ethylene propylene "O"-rings to Buna N, change L in Model No. to B, and the last digit in the Price Code No. from 4 to 2.

To change ethylene propylene "O" rings to Viton, change L in Model No. to V, and the last digit in the Price Code No. from 4 to 1.

CONSULT FACTORY FOR MOTORS, BASEPLATES AND COUPLINGS FOR FLEXIBLE COUPLING AND FOR (IEC) METRIC MOTORS.

Specifications subject to change without notice.

PACER PUMPS

Division of ASM Industries, Inc.

41 Industrial Circle 717-656-2161
 Lancaster, PA 17601-5927 U.S.A. 800-233-3861
 Email: pacer@redrose.net FAX: 717-656-0477
 http://www.pacerpumps.com

DISTRIBUTED BY