

## PUMP ONLY

Select material, port size, impeller and seal, gasket, internal fasteners and volute lining.

**Example:** Model PCE 1½A BL  
Price Code No. 60-11A3

Includes mounting plate, 316 stainless steel driver mounting screws, shaft adapter and plated nuts.

MOUNTING ADAPTER KIT FOR USE WITH:	PRICE CODE NO.
Electric or pneumatic motor	64-0040
Hydraulic motor	64-0047
Gasoline engine	Not required

TO ORDER	ADD TO ADAPTER PRICE CODE NO.
Titanium shaft	T
Hastelloy C shaft	H

### PUMP WITH PEDESTAL ONLY

Add bearing pedestal Model or Price Code to pump designation.

**Example:** Model PCE 1½A BL PF  
Price Code No. 60-11A3A

### PUMP CLOSE COUPLED, BASEPLATE AND DRIVE

Order Pump Only as in first example. Specify power source from appropriate chart on next page.

**Example:** Model PCE 1½A BL-G.5C  
Price Code No. 60-11A3-G.5C

For ODP (Open drip-proof) motor:  
Model PCE 1½A BL-M.5C  
Price Code No. 60-11A3-M.5C

### PUMP WITH PEDESTAL, BASEPLATE AND DRIVE

Order Pedestal Pump (as above). Order coupling, baseplate kit and power source from appropriate charts. The Model Number may be as a single number on one line. Price Codes must be listed individually (add the separate prices for total).

**Example:** Model PCE 1½A BL PF AA SBP-G.5  
Price Code No.  
60-11A3A Pump w/pedestal only  
AA 64-0785 Coupling  
SBP 64-0028 A Baseplate kit  
G.5 64-0818 Motor, electric, .5 HP, 1750 RPM,  
1 phase, TEFC

## PUMP SELECTION

### MATERIAL & EXTERNAL FASTENERS

DESCRIPTION	MODEL	PRICE CODE NO.
Polyester w/304 SS	PCE	60-1
Polypro. w/304 SS <sup>1</sup>	PCP	60-2
Ryton w/304 SS <sup>1</sup>	PCR	60-3
Noryl w/304 SS	PCN	60-4

### PORT SIZE NPT<sup>2</sup>

ADD TO ...	
MODEL	PCN
1½"	1
2"	2
3"	3

### IMPELLER

ADD TO ...	
MODEL	PCN
A, B, C	A, B, C
D, E	D, E
F	F

### SEAL, GASKET, INTERNAL FASTENERS & VOLUTE LINING

DESCRIPTION	ADD TO ...	
	MODEL	PCN
Viton w/316 SS fasteners, unlined volute	V	1
Buna-N w/316 SS fasteners, unlined volute	B	2
Same as above w/ lined volute	BL	3
EPDM w/316 SS fasteners, unlined volute	L	4
Same as above, with lined volute	LL	5
Viton w/ titanium fasteners, unlined volute	T	6
Viton w/Hastelloy C fasteners, unlined volute	H	7

<sup>1</sup> Consult Application Engineering Department for availability.

<sup>2</sup> For BSP threads, add **B** to Model Number and change **1** to **4**, **2** to **5**, or **3** to **6** in Price Code No.

### PEDESTAL WITH PUMP SHAFT FOR ELECTRIC MOTORS

DESCRIPTION	ADD TO ...	
	MODEL	PCN
<b>PLASTIC PEDESTAL</b>		
Steel shaft adapter	PF	A
Steel shaft adapter with polyethylene sleeve	PE	B
316 SS shaft adapter	PSS	D
Titanium shaft adapter	PT	E
<b>CAST IRON PEDESTAL</b>		
316 SS shaft	CSS	P
Titanium shaft	CT	R
Hastelloy C shaft	CH	S

### SHAFT COUPLINGS FOR LONG COUPLED PUMPS

IMPELLER CURVE	1 PHASE		3 PHASE	
	MODEL NO.	PRICE CODE	MODEL NO.	PRICE CODE
A	AA	64-0785	—	—
B	AA	64-0785	AA	64-0785
C	AA	64-0785	AA	64-0785
D	AC	64-0787	AA	64-0785
E	AC	64-0787	AC	64-0787
F	AC	64-0787	AC	64-0787
	—	—	AC	64-0787

### BASEPLATE<sup>3</sup> FOR LONG COUPLED PUMPS

	1 PHASE		3 PHASE	
	MODEL NO.	PRICE CODE	MODEL NO.	PRICE CODE
SBP	64-0028 A	—	—	—
SBP	64-0028 A	SBP	64-0028 A	SBP
SBP	64-0028 A	SBP	64-0028 A	SBP
SHBP	64-0016 A	SBP	64-0028 A	SBP
SHBP	64-0016 A	SHBP	64-0016 A	SHBP
SHBP	64-0016 A	SHBP	64-0016 A	SHBP
—	—	—	SHBP	64-0016 A

<sup>3</sup> Baseplates include all fasteners, shims and the coupling guard. Price Code No. used for baseplate includes mounting and alignment charge. If baseplate is being ordered alone and unassembled, delete **A** from Price Code Number.

See page 2 for Impeller Curve Chart and Drive Selection.

# DRIVE SELECTION

## HORSEPOWER REQUIREMENT CHART

IMPELLER CURVE	RPM	MOTOR HORSEPOWER <sup>1</sup>	PORT SIZE	IMPELLER DIAMETER
A	1750	.5 .75	1½" & 2"	5.5"
B	1750	1.0	1½" & 2"	5.5"
C	3450	2.0	1½" & 2"	4.75"
D	3450	3.0	1½" & 2"	5.25"
E	3450	5.0	1½" & 2"	5.0"
F	3450	5.0	3"	4.75"

Electric motors are for long coupling to pumps.  
Close coupled available - .5 H.P. to 3 H.P. only. Add **C** after Model No. and Price Code No.

<sup>1</sup> 1 phase, 2 H.P., close-coupled TEFC, 230V only. Consult Application Engineering Dept. for 50 Hz. motors.

ODP (Open drip-proof) motors - change first letter in Model No. and Price Code No. as follows: **G** to **M**, **H** to **N**, **C** to **K** and **D** to **T**. For flexible coupled pumps, add this letter to Price Code No. as suffix.

<sup>2</sup> For close coupling - 316 SS shaft adapter is furnished on all electric, hydraulic and pneumatic motors.

## TEFC ELECTRIC MOTORS <sup>2</sup>

115/230/1/60		230/460/3/60	
MODEL H.P. # & PRICE CODE	PRICE CODE FLEXIBLE COUPLED	MODEL H.P. # & PRICE CODE	PRICE CODE FLEXIBLE COUPLED
-G.5	64-0818	—	—
-G.75	64-0821	—	—
-G1.0	64-0824	-H1.0	64-0829
-G1.5	64-0827	-H1.5	64-0831
-C2.0 *	64-0802	-D2.0	64-0808
—	—	-D3.0	64-0811
-C5.0	64-0680	-D5.0	64-0814

TO ORDER	ADD TO ADAPTER MODEL NO. & PRICE CODE NO.
Titanium shaft	T
Hastelloy C shaft	H

## GASOLINE ENGINE <sup>3</sup>

IMPELLER CURVE	RPM	HORSEPOWER	MODEL H.P. # & PRICE CODE	PRICE CODE FLEXIBLE COUPLED	PORT SIZE
C	UP TO	3	-E3	64-0633	1½" & 2"
D		3	-E3	64-0633	1½" & 2"
E	3450	5	-E5	64-0635	1½" & 2"
F		5	-E5	64-0635	3"

## SHAFT COUPLING FOR LONG COUPLED ENGINE PUMPS

MODEL	PRICE CODE NO.
AJ	64-0876

## BASEPLATE (Included w/ pneumatic motor)

SBP	64-0028 A
-----	-----------

<sup>3</sup> Available with heavy duty Industrial Plus engines (add **A** to Model & Price Code No.).

See note on page 1 under "Baseplate for Long Coupled Pumps".

Shaft is steel.

For polypropylene sleeve add **P** to Model & Price Code No.

For close-coupled add **C** to Model & Price Code No.

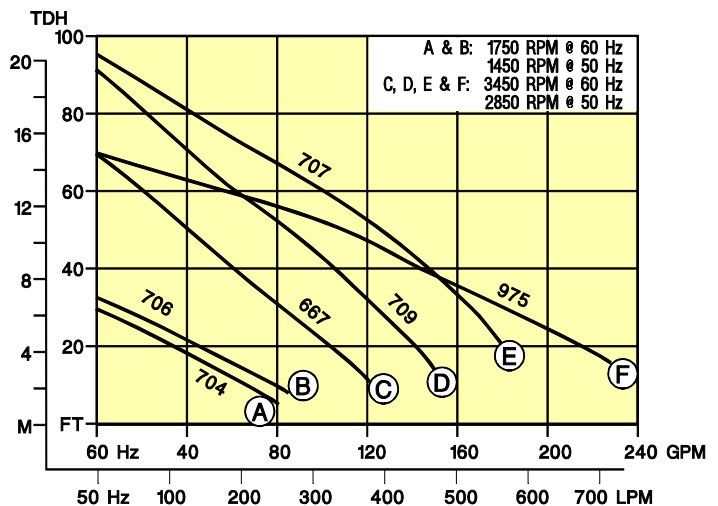
### 2 PNEUMATIC MOTOR

Add **-PN** to Model & Price Code No. Baseplate is included. Note: 2900 RPM is maximum for pneumatic motor. To approximate performance curves, reduce flow by 20%, reduce head by 29% and reduce horsepower by 40%.

### 2 HYDRAULIC MOTOR

Add **-HY** to Model and Price Code No.

**NOTE:** Pneumatic and hydraulic drive available close-coupled only. See Bulletin covering Series 'S', 'I' & 'T' pumps for pneumatic motor and hydraulic motor fluid requirements.



Impeller numbers are indicated on curves.

F.O.B. Northbrook, Illinois



# SERFILCO, LTD

2900 MacArthur Blvd. 847-509-2900  
 Northbrook, IL 60062-2005 U.S.A. 800-323-5400  
 e-mail: sales@serfilco.com FAX: 847-559-1900  
 www.serfilco.com

DISTRIBUTED BY