BULLETIN
PP-613Q
Jan 2018

SERIES 'G' HORIZONTAL PUMPS

PACER

SELF-PRIMING CENTRIFUGAL PUMPS FOR TRANSFER AND RECIRCULATION OF:



Close-coupled to electric motor with polypropylene baseplate

CHEMICAL SOLUTIONS / WASTE TREATMENT
PHOTOGRAPHIC SOLUTIONS *(inorganic)*

- **Will reprime to 10 feet.**
- **Noryl® or Ryton® engineered thermoplastic construction.**
  Glass filled for acid or base solutions.
  See chemical resistance chart for for compatibility.
- **Non-metallic solution contact.**
  available with Noryl and Ryton pumps.
- **Flow rates to 100 GPM or 73 feet TDH@ 60 Hz.**
- **Shaft sleeve is the same material as the pump.**
  Isolates pump shaft from solutions.
- **Combination 2" OD / 1 1/2" ID NPT connections.**
  BSP threads available for Noryl pump only.

The self-priming Series 'G' pump is made in either Noryl® or Ryton®, providing a maximum range of chemical resistance. It is available with stainless steel or titanium internal hardware or complete non-metallic solution contact. The pump comes standard with stainless steel external hardware. It is protected with a basket type strainer in either Polypropylene or ECTFE. The large cover makes initial priming and removal of the strainer quick and easy. The cover is the same material as the pump or it can be ordered in clear Lexan®.

After initial prime the Series 'G' pump will lift up to 10 vertical feet (3.1m) and will remain primed even after shutdown. This pump also features an open, non-clogging impeller which is molded in conjunction with the shaft sleeve, thus isolating the shaft from solution contact. The self-priming ability, chemical resistance, light weight and basket strainer make this an ideal chemical transfer, waste treatment, emergency/backup or filter pump.



AQUACULTURE
LOBSTER FARMING
FISH PONDS









PUMPING FROM
PONDS, PITS, TANKS,
SUMPS, ETC.



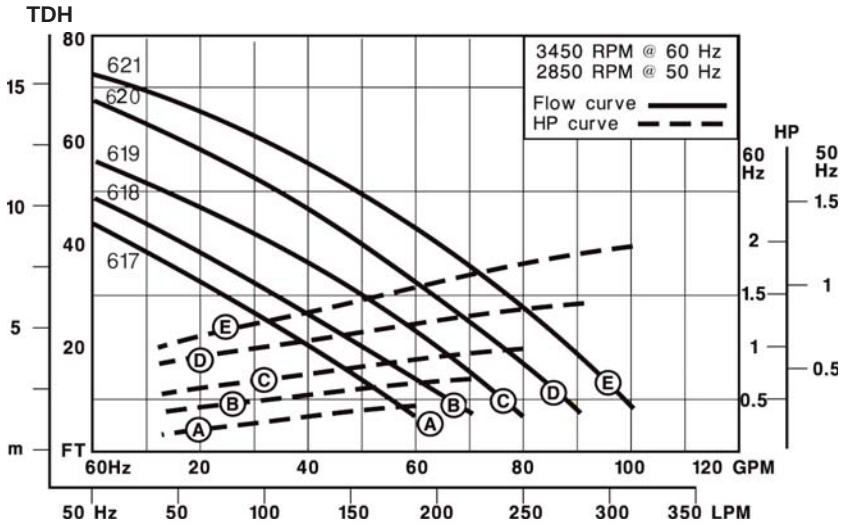


RECIRCULATION,
MIXING, FILTRATION,
ETC.



**All data based on water (specific gravity = 1.0).
Impeller part numbers marked on curves.**

Choose from: A, B,C or D (see next section)



A Pumps molded of glass-reinforced **Noryl** with polypropylene basket strainer, ethylene propylene "O"-rings[1], stainless steel hardware, carbon-ceramic and 316 stainless steel mechanical seal.

B Same as **A** but with **non-metallic** solution contact and ECTFE/EPDM/siliconized-graphite non-metallic mechanical seal.

C Pumps molded of glass-reinforced **Ryton** with ECTFE basket strainer, Viton® "O"-rings, stainless steel hardware, carbon-ceramic and stainless steel mechanical seal.

D Same as **C** but with **non-metallic** solution contact and ECTFE/Viton/siliconized-graphite non-metallic mechanical seal.

TO ORDER: Identify flow curve on graph that corresponds to desired performance and choose from Noryl or Ryton pumps below. Order non-metallic pump for fluids that might attack metal internals. (See chemical resistance chart.) Required horsepower is based on water @ 1.0 specific gravity.

SERIES 'G' PUMPS WITH ELECTRIC DRIVE, CLOSE-COUPLED

FLOW CURVE	PORT SIZE [2] NPT	MAXIMUM FLOW RATE GPM @ 60 Hz (LPM @ 50 Hz)	MAX. TDH ft. (m)	REQUIRED HP 60 Hz (50 Hz)	A NORYL MODEL NUMBER	A NORYL PRICE CODE NO.	B NON-METALLIC MODEL NUMBER	B NON-METALLIC PRICE CODE NO.
A	Comb. 1½" F and 2" M	60 (204)	44 (9)	.5 (.3)	GNOK1½/2AL	60-61A4	GNOK1½/2ALN	60-61A8
B		70 (223)	49 (10)	.75 (.4)	GNOK1½/2BL	60-61B4	GNOK1½/2BLN	60-61B8
C		80 (246)	57 (12)	1.0 (.6)	GNOK1½/2CL	60-61C4	GNOK1½/2CLN	60-61C8
D		90 (288)	68 (14)	1.5 (.9)	GNOK1½/2DL	60-61D4	GNOK1½/2DLN	60-61D8
E		100 (330)	73 (15)	2.0 (1.2)	GNOK1½/2EL	60-61E4	GNOK1½/2ELN	60-61E8

ELECTRIC MOTOR ADD TO MODEL NUMBER & PRICE CODE NUMBER	
115/230/1/50-60 [3]	230/460/3/50-60 [3]
TEFC	TEFC
C.5C	D.5C
C.75C	D.75C
C1.0C	D1.0C
C1.5C	D1.5C
C2.0C	D2.0C
C3.0C*	D3.0C*

FLOW CURVE	PORT SIZE [2] NPT	MAXIMUM FLOW RATE GPM @ 60 Hz (LPM @ 50 Hz)	MAX. TDH ft. (m)	REQUIRED HP 60 Hz (50 Hz)	C RYTON MODEL NUMBER	C RYTON PRICE CODE NO.	D NON-METALLIC MODEL NUMBER	D NON-METALLIC PRICE CODE NO.
A	Comb. 1½" F and 2" M	60 (204)	44 (9)	.5 (.3)	GRYK1½/2AV	60-81A1	GRYK1½/2AVN	60-81A9
B		70 (223)	49 (10)	.75 (.4)	GRYK1½/2BV	60-81B1	GRYK1½/2BVN	60-81B9
C		80 (246)	57 (12)	1.0 (.6)	GRYK1½/2CV	60-81C1	GRYK1½/2CVN	60-81C9
D		90 (288)	68 (14)	1.5 (.9)	GRYK1½/2DV	60-81D1	GRYK1½/2DVN	60-81D9
E		100 (330)	73 (15)	2.0 (1.2)	GRYK1½/2EV	60-81E1	GRYK1½/2EVN	60-81E9

ELECTRIC MOTOR ADD TO MODEL NUMBER & PRICE CODE NUMBER	
115/230/1/50-60 [3]	230/460/3/50-60 [3]
TEFC	TEFC
C.5C	D.5C
C.75C	D.75C
C1.0C	D1.0C
C1.5C	D1.5C
C2.0C	D2.0C
C3.0C*	D3.0C*

SERIES 'G' PUMPS PEDESTAL MOUNTED FOR FLEXIBLE COUPLING



*230V/1/60Hz

SHAFTMATERIAL	ADD TO... MODEL NO.	ADD TO... PRICE CODE NO.
316 STAINLESS STEEL	-CSS	-P

PACER® PUMPS
41 Industrial Circle 800-233-3861
Lancaster PA 17601-5927 717-925-8240
www.pacerpumps.com Fax: 717-925-8242
Email: sales@pacerpumps.com