

SERIES 'G' HORIZONTAL PUMPS



**SELF-PRIMING CENTRIFUGAL PUMPS FOR
TRANSFER AND RECIRCULATION OF:**

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 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.



Close-coupled to electric motor
with polypropylene baseplate

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.

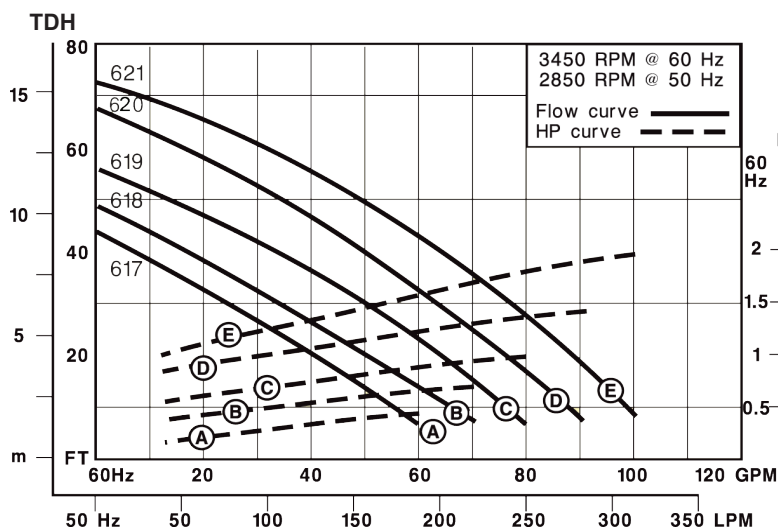


RECIRCULATION,
MIXING, FILTRATION,
ETC.



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"-rings¹, 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		B NON-METALLIC		ELECTRIC MOTOR ADD TO MODEL NUMBER & PRICE CODE NUMBER	
					MODEL NUMBER	PRICE CODE NO.	MODEL NUMBER	PRICE CODE NO.	115/230/1/50-60 ³	230/460/3/50-60 ³
A	Comb. 1½" F and 2" M	60 (204)	44 (9)	.5 (.3)	GNOK1½/2AL	60-61A4	GNOK1½/2ALN	60-61A8	TEFC	TEFC
B		70 (223)	49 (10)	.75 (.4)	GNOK1½/2BL	60-61B4	GNOK1½/2BLN	60-61B8	C.5C	D.5C
C		80 (246)	57 (12)	1.0 (.6)	GNOK1½/2CL	60-61C4	GNOK1½/2CLN	60-61C8	C.75C	D.75C
D		90 (288)	68 (14)	1.5 (.9)	GNOK1½/2DL	60-61D4	GNOK1½/2DLN	60-61D8	C1.0C	D1.0C
E		100 (330)	73 (15)	2.0 (1.2)	GNOK1½/2EL	60-61E4	GNOK1½/2ELN	60-61E8	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		D NON-METALLIC		ELECTRIC MOTOR ADD TO MODEL NUMBER & PRICE CODE NUMBER	
					MODEL NUMBER	PRICE CODE NO.	MODEL NUMBER	PRICE CODE NO.	115/230/1/50-60 ³	230/460/3/50-60 ³
A	Comb. 1½" F and 2" M	60 (204)	44 (9)	.5 (.3)	GRYK1½/2AV	60-81A1	GRYK1½/2AVN	60-81A9	TEFC	TEFC
B		70 (223)	49 (10)	.75 (.4)	GRYK1½/2BV	60-81B1	GRYK1½/2BVN	60-81B9	C.5C	D.5C
C		80 (246)	57 (12)	1.0 (.6)	GRYK1½/2CV	60-81C1	GRYK1½/2CVN	60-81C9	C.75C	D.75C
D		90 (288)	68 (14)	1.5 (.9)	GRYK1½/2DV	60-81D1	GRYK1½/2DVN	60-81D9	C1.0C	D1.0C
E		100 (330)	73 (15)	2.0 (1.2)	GRYK1½/2EV	60-81E1	GRYK1½/2EVN	60-81E9	C1.5C	D1.5C
									C2.0C	D2.0C
									C3.0C*	D3.0C*

SERIES 'G' PUMPS PEDESTAL MOUNTED FOR FLEXIBLE COUPLING

*230V/1/60Hz



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



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