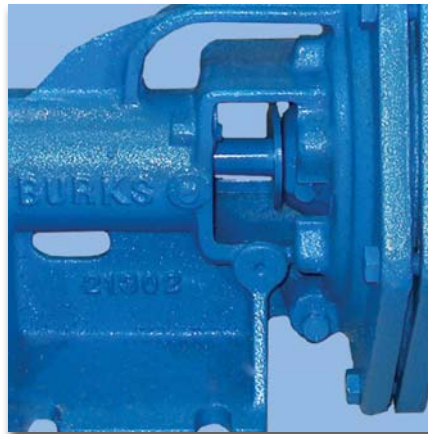


Burks Product Overview



Close Coupled and Base Mounted Models

Versatile Solutions For Your Pumping Applications

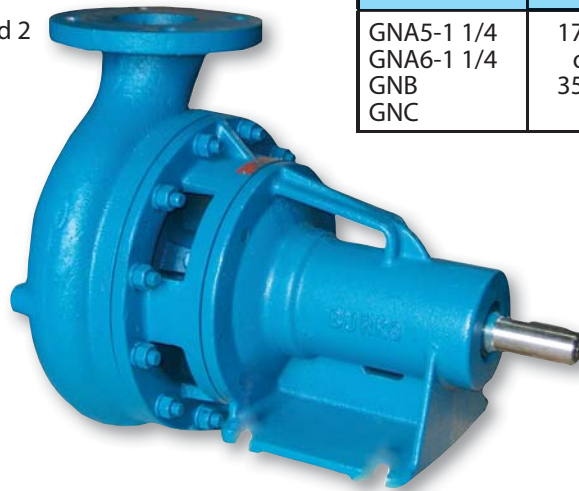
Burks® offers a wide variety of pump designs and configurations that are suitable for almost any plant service or OEM pumping application, including End Suction, Regenerative Turbines, Self-Priming Centrifugal Pumps. Burks® Regenerative Turbine design offers a unique pump engineered for high pressure, low flow applications. Other superior products include In-Line Centrifugal Pumps and Condensate Return Systems.

Each Burks® pump is built in accordance with the highest engineered standards. This emphasis assures that we will be able to build the correct pump to meet your needs and expectations.

Burks Centrifugal

End Suction Centrifugal Pumps

End Suction Centrifugal pumps are available in close coupled and base-mounted configurations. Standard construction is cast iron, bronze fitted. Models are also available in all bronze and all iron construction. Several models are available in stainless steel. Flanged casings available on 2" and 2 1/2" pumps; 3" pumps are flanged only.



Base Mounted Centrifugal Pumps

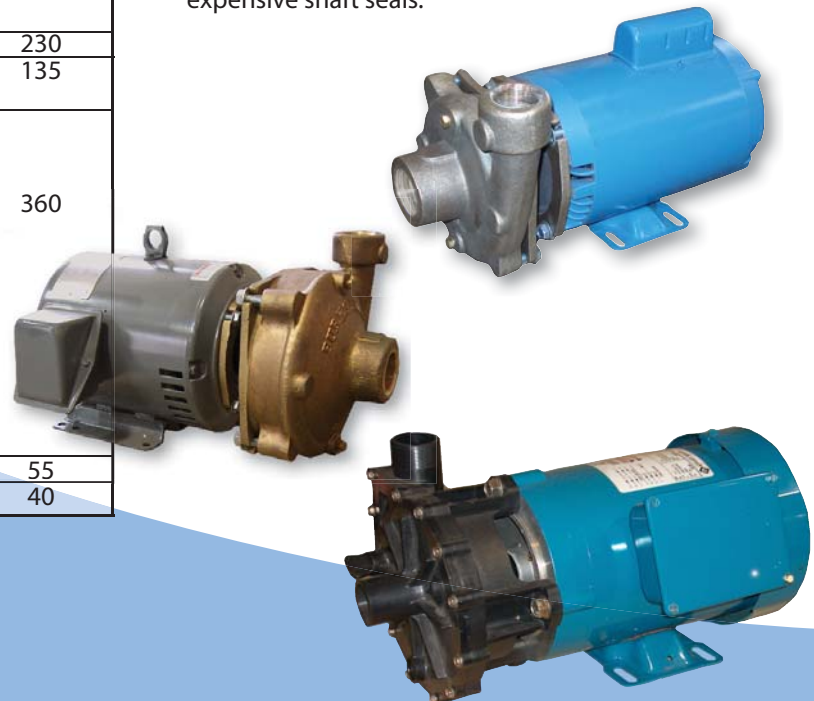
Series	RPM	Capacity Range (GPM)	Heads to (Feet)
GNA5-1 1/4 GNA6-1 1/4 GNB GNC	1750 or 3500	10 to 80 20 to 1100	135 380

Close Coupled Centrifugal Pumps

Series	RPM	HP Range	Capacity Range (GPM)	Heads to (Feet)	
GA5-1	3500	1/3 to 2	20 to 100	110	
GA5-1 1/4	3500	1/3 to 3	20 to 100	130	
GA6-1 1/4		3 to 7 1/2	20 to 80	220	
GA7-1 1/4	1750 or 3450	1 to 7 1/2	20 to 300	170	
GA6-1 1/2		1 1/2 to 7 1/2	20 to 175	230	
GA6-2	3500	1 to 10	20 to 80	135	
GA7-1 1/2		1/3 to 3	20 to 80	135	
G5-1 1/4	1750 or 3500	1 to 7 1/2	20 to 1100	360	
G6-1 1/4		1 to 75			
G6-1 1/2					
G6-2					
G6-2 1/2					
G7-2					
G7A-2					
G7-2 1/2					
G9A-1 1/2					
G9-1 1/2					
G9-2					
G9-2 1/2					
G9-3F					
G9A-3F					3500
G9-4F	1750		40 to 330	40	
DF4-1 1/4	3500	1 to 3	40 to 330	40	
4DF6-2 1/2	1750				

High Temperature Applications

Most Burks® Turbine and End Suction Centrifugal pumps are available with an optional special seal arrangement for pumping liquids up to 500° F. This simple, MJ Jacketed Seal eliminates the need for complicated seal jacketing configurations or expensive shaft seals.



Burks Turbine

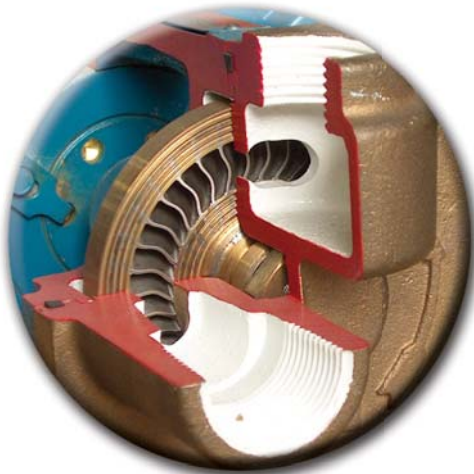
Regenerative Turbine Pumps

This uniquely designed pump is engineered for high pressure, low flow applications. The raceway conducts fluid into the impeller, then provides a channel for the liquid to move as it is propelled and energized by the impeller. Rings or sealing grooves are machined into the face of both the impeller and the raceway. The grooves intermesh without metal-to-metal contact to form a labyrinth seal created by the thin film of liquid within the grooves.



Close Coupled Turbine Pumps

Series	RPM	HP Range	Capacity Range (GPM)	Heads to (Feet)	Construction	Shaft Seal
CR	3450	1/3	2.8 to 4.3	200	All Bronze Standard	Mech.
CT		1/3 to 3/4	2.4 to 12.7	350		Mech.
4CT	1725	1/4	0.3 to 3.4	300	Bronze Fitted, All Bronze or Stainless Steel	or Stuffing Box
CS	3450	1 to 5	7.1 to 32.5	350		
4CS	1725	1/3 to 1/2	1.6 to 12.2	275		

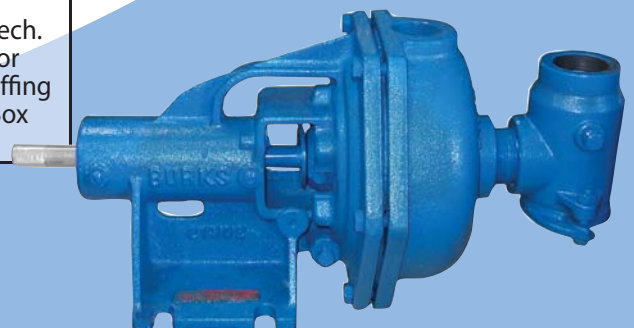


Exclusive External Impeller Adjustment

The patented Life-Lok® external impeller adjustment allows precise setting of pump performance during factory testing and enables field adjustment, if necessary, to match system pressure. This enables you to restore "like-new" performance after years of service, greatly extending pump life. Pump performance can be adjusted without disturbing piping, disassembling the pump, or replacing parts.

Base Mounted Turbine Pumps

Series	RPM	Capacity Range (GPM)	Heads to (Feet)	Construction	Shaft Seal
ET	1725	0.2 to 3.4	300	Standard Bronze Fitted, All Bronze or Stainless Steel	Mech. or Stuffing Box
ET	3450	2.4 to 11.7	350		
EC	1750	3.6 to 35.3			
ED	1750	17.1 to 91.0			
ES	1725	1.0 to 14.5			
ES	3450	7.0 to 32.0			



Close-Coupled, Self Priming Centrifugal Pumps

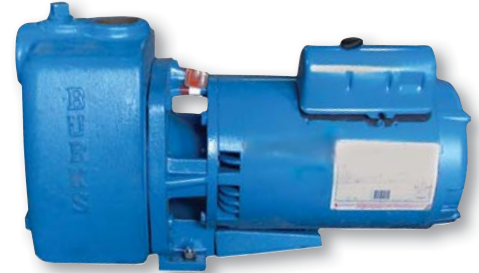
These Special Application Pumps Designed Match Specific Needs

Series WT- for water and other 1.0 S.G. fluids. Cast iron construction.

Series WPT- for perchloroethylene and other 1.62 S.G. fluids. Cast iron construction.

Series WST- for petroleum solvents and other 0.82 S.G. fluids. Cast iron construction.

Series WA6- 1 to 3 hp; capacities to 90 GPM; heads to 130 ft. Standard construction is bronzed fitted, with optional all bronze and all iron construction available.



Close Coupled Self-Priming Centrifugal Pumps

Series	RPM	HP Range	Capacity Range (GPM)	Heads to (Feet)	Construction
WG6-2	3500	5 to 10	0 to 270	178	Standard Bronze Fitted, All Bronze, or All Iron
WA6		1 to 3	0 to 90	130	
WT		1/3 to 2	0 to 140	100	Bronze Fitted, Buna-N
WPT		1/3 to 3	0 to 144	99	Bronze Fitted, Viton
WST		1/2 to 2	0 to 142	100	Bronze Fitted, Buna-N

In-Line Centrifugal Pumps

Series GB- 1/3 to 2 hp; 3500 RPM; capacities to 80 GPM; heads to 110 ft. Bronze fitted is standard, with optional all bronze or all iron construction available.



Condensate Return Systems

Series GV-1/3 to 20 hp; vertically flange-mounted centrifugal pumps. Cast iron receivers in 9, 14, 20, 30, 45 or 67 gal. sizes. Simplex or Duplex models. 23, 36, 52, 75, and 120 gal. receiver also available in steel. Capacities to 50,000 sq. ft. EDR or 360 boiler hp. Pressures to 50 PSI.

CRANE[®]

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