

Multiple Stage Centrifugal Booster Pumps ANSI Flange

Vertical, multi-stage centrifugal pumps are designed with the motor mounted directly on top of the pump housing to minimize footprint. Pump suction/discharge chamber, impellers, pump shaft, diffuser chambers, outer discharge sleeve, and impeller seal ring retainers are constructed of 316 stainless steel. The motor stool and flanges are constructed of cast iron and are isolated from the process fluid by 316 stainless steel inserts. Each pump is equipped with a high temperature mechanical seal assembly. Pumps are capable of operating at continuous temperatures up to 250°F (121°C). The pump motor is sized to ensure non-overloading when operating on the pump curve. Motors are totally enclosed fan cooled (TEFC), with NEMA C face designs that provide a minimum service factor of 1.15. Lower motor bearings are adequately sized to ensure long motor life.



MODEL NUMBER

	CRN3-3	CRN3-4	CRN3-5	CRN3-7	CRN3-8	CRN3-10
Catalog Number	GPC96083922	GPC96083924	GPC96083926	GPC96083930	GPC96083932	GPC96083936
Nominal Flow Rate (gpm)	15 @ 35 psi	15 @ 39 psi	15 @ 52 psi	15 @ 71 psi	15 @ 95 psi	15 @ 104 psi
Pump Efficiency	58%	58%	58%	58%	58%	58%
Max Discharge Head (psi)	41	54	69	95	108	136
Max Oper Pressure (psi)	360 psi	360 psi	360 psi	360 psi	360 psi	360 psi
Min Continuous Flow (gpm)	1.5	1.5	1.5	1.5	1.5	1.5
Nameplate Horsepower	0.5 HP	0.75 HP	0.75 HP	1.5 HP	1.5 HP	2.0 HP
Motor Type/Service Factor	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC
Shipping Weight (lb)	58.4	56.3	56.9	72.5	75.4	80.9
Electrical Requirements	208-230/460 V, 3 phase, 60 Hz.					
Pump Configuration	Vertical, multiple stage.					
Materials of Construction	316 stainless steel with mechanical silicon carbide seal faces.					
Inlet/Outlet	1-1/4-inch ANSI Flange					

MODEL NUMBER

	CRN5-3	CRN5-5	CRN5-6	CRN5-7	CRN5-8	CRN5-10
Catalog Number	GPC96085013	GPC96085017	GPC96085019	GPC96085021	GPC96085023	GPC96085027
Nominal Flow Rate (gpm)	30 @ 28 psi	30 @ 52 psi	30 @ 63 psi	30 @ 74 psi	30 @ 82 psi	30 @ 106 psi
Pump Efficiency	65%	65%	65%	65%	65%	65%
Max Discharge Head (psi)	41	69	84	97	113	141
Max Oper Pressure (psi)	360 psi	360 psi	360 psi	360 psi	360 psi	360 psi
Min Continuous Flow (gpm)	3	3	3	3	3	3
Nameplate Horsepower	1 HP	1.5 HP	2 HP	3 HP	3 HP	3 HP
Motor Type/Service Factor	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC
Shipping Weight (lb)	58.4	74.9	79.8	99.1	100.7	102.5
Electrical Requirements	208-230/460 V, 3 phase, 60 Hz.					
Pump Configuration	Vertical, multiple stage.					
Materials of Construction	316 stainless steel with mechanical silicon carbide seal faces.					
Inlet/Outlet	1-1/4-inch ANSI Flange					

MODEL NUMBER

	CRN10-2	CRN10-3	CRN10-4	CRN10-5	CRN15-3	CRN15-4	CRN15-6	CRN15-7
Catalog Number	GPC96523118	GPC96523119	GPC96523120	GPC96523265	GPC96523718	GPC96523719	GPC96523721	GPC96523722
Rated Flow (gpm)	53 @ 31 psi	53 @ 49 psi	53 @ 65 psi	53 @ 83 psi	90 @ 66 psi	90 @ 89 psi	90 @ 130 psi	90 @ 156 psi
Pump Efficiency	70%	70%	70%	70%	70%	70%	70%	70%
Max Discharge Head (psi)	40	65	85	105	85	105	170	195
Max Oper Pressure (psi)	360 psi	360 psi	360 psi	360 psi	360 psi	360 psi	360 psi	360 psi
Min Continuous Flow (gpm)	5.5	5.5	5.5	5.5	8.5	8.5	8.5	8.5
Nameplate Horsepower	1.5 HP	3 HP	3 HP	5 HP	5 HP	7.5 HP	10 HP	10 HP
Motor Type/Service Factor	TEFC/1.15	TEFC/1.15	TEFC/1.15	TEFC/1.15	TEFC/1.15	TEFC/1.15	TEFC/1.15	TEFC/1.15
Shipping Weight (lb)	110	150	152	175	170	194	234	370
Electrical Requirements	208-230/460 V, 3 phase, 60 Hz.							
Pump Configuration	Vertical, multiple stage.							
Materials of Construction	316 stainless steel with cast iron flange and base plate* and mechanical silicon carbide seal faces.							
Inlet/Outlet	2-inch ANSI Flange type							

*Cast iron flange and base plate does not come in contact with pumped liquid.
High Capacity Pumps available. Call Technical Support.

