



Multiple Stage Centrifugal Booster Pumps Victaulic® Type Pumps

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 is constructed of cast iron and is isolated from the process fluid by a 316 stainless steel insert. 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.

SPECIFICATIONS – please contact Technical Support to obtain pump curves

MODEL NUMBER	CRN3-3	CRN3-4	CRN3-5	CRN3-7	CRN3-8	CRN3-10
Catalog Number	GPC96083742	GPC96083744	GPC96083746	GPC96083750	GPC96083752	GPC96083756
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)	50.5	48.4	48.9	63.5	66.3	73
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 Victaulic type					

MODEL NUMBER	CRN5-3	CRN5-5	CRN5-6	CRN5-7	CRN5-8	CRN5-10
Catalog Number	GPC96084823	GPC96084827	GPC96084829	GPC96084831	GPC96084833	GPC96084837
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)	50.5	65.9	71.9	91.2	92.8	94.6
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 Victaulic type					

MODEL NUMBER	CRN10-2	CRN10-3	CRN10-4	CRN10-5	CRN15-3	CRN15-4	CRN15-6	CRN15-7
Catalog Number	GPC96523104	GPC96523105	GPC96523106	GPC96523255	GPC96523707	GPC96523708	GPC96523710	GPC96523711
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	15 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)	101	139	141	164	159	184	223	278
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 Victaulic Style	2-inch Victaulic type							

ORDERING INFORMATION

Victaulic Sets	Size	Catalog No.
Victaulic Connector Set Available	1-1/4"	P90348
Victaulic Connector Set Available	2"	P90349

High Capacity Pumps available. Call Technical Support.