

CENTRAL HYDRAULICS INC.

•Daytona Beach •Cocoa •Leesburg •Ocala •Tampa 1-800-264-9571

Hydraulic Gear Pump

CGP CBN 1/2" Shaft HI/LO Log Splitter Pump 1.78" Pilot



Model GP-CBN is a HI/LO Hydraulic Gear Pump with 12 displacement combinations with maximum pressures of 900 psi for the low pressure pump and 3000 psi for the high pressure pump. The change from LO to HI pressure is automatic with the LO side pressure pre set from 400 psi to 900 psi. The HI/LO pump is all cast Iron.

Applications for the HI/LO pump are log splitters, presses etc. where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

Part #	Displ. cu.in/rev		Pressure		MAX RPM	MAX GPM@ 3600	Req. HP@ 3600	Ports
	LO pressure	HI pressure	LO	HI				
CBN080	0.384	0.128	400/900	3000	3600	8	5	INLET Barb 1" OUTLET NPT 1/2"
CBN105	0.537	0.183	400/900	3000	3600	10.5	6	
CBN110	0.537	0.189	400/900	3000	3600	11	8	
CBN130	0.646	0.189	400/900	3000	3600	13	8	
CBN160	0.775	0.256	400/900	3000	3600	16	10	

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Hydraulic Gear Pump



**CGP CBN 5/8" Shaft
HI / LO Log Splitter Pump
2 Bolt "A"
3.25" Pilot**

Model GP-CBN is a HI/LO Hydraulic Gear Pump offers maximum pressures of 900 psi for the low pressure pump and 3000 psi for the high pressure pump. The change from LO to HI pressure is automatic with the LO side pressure pre set from 400 psi to 900 psi. The HI/LO section of the pump is all cast Iron. The standard mounting flange is SAE A - 2 bolt. Applications for the HI/LO pump are log splitters, presses etc. where rapid movement of the cylinder at low pressure is required prior to automatically switching to the high pressure mode to meet load requirements.

Part #	Displ. cu.in/rev		Pressure		MAX RPM	MAX GPM@ 3600	Ports
	LO pressure	HI pressure	LO	HI			
CBN220	0.464	0.93	400/ 900	3000	3600	22	INLET NPT 1"
CBN280	0.464	1.397	400/ 900	3000	3600	28	OUTLET NPT 3/4"

Fax: 386-257-5728 Tele. 1-800-264-9571 sales@centralhydraulics.com www.centralhydraulics.com

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Hydraulic Gear Pump



Model GP-F20 offers aluminium body and cast Iron end plate construction, high pressure Hydraulic Gear Pump with 11 displacement sizes from 0.24 to 1.95 cu.in/rev.

F20 - 5/8" 9 TOOTH SPLINE SHAFT SAE A - 2 Bolt Flange Mount

PART #	cu.in/ rev	Rotation	MAX psi	MAX RPM	GPM@ 1800rpm	SAE Ports
GP-F20-04-S9-A	0.24	C.C.W.	3650	3600	1.87	INLET #12 ORB 1-1/16"-12 OUTLET #10 ORB 7/8"-14
GP-F20-04-S9-C	0.24	C.W.	3650	3600	1.87	
GP-F20-06-S9-A	0.36	C.C.W.	3650	3600	2.81	
GP-F20-06-S9-C	0.36	C.W.	3650	3600	2.81	
GP-F20-08-S9-A	0.48	C.C.W.	3650	3600	3.74	
GP-F20-08-S9-C	0.48	C.W.	3650	3600	3.74	
GP-F20-10-S9-A	0.61	C.C.W.	3650	3600	4.75	
GP-F20-10-S9-C	0.61	C.W.	3650	3600	4.75	
GP-F20-12-S9-A	0.73	C.C.W.	3650	3600	5.69	
GP-F20-12-S9-C	0.73	C.W.	3650	3600	5.69	
GP-F20-14-S9-A	0.85	C.C.W.	3650	3600	6.62	
GP-F20-14-S9-C	0.85	C.W.	3650	3600	6.62	
GP-F20-16-S9-A	0.97	C.C.W.	2900	3600	7.56	
GP-F20-16-S9-C	0.97	C.W.	2900	3600	7.56	
GP-F20-20-S9-A	1.22	C.C.W.	2900	3600	9.51	
GP-F20-20-S9-C	1.22	C.W.	2900	3600	9.51	
GP-F20-25-S9-A	1.52	C.C.W.	2900	3600	11.84	
GP-F20-25-S9-C	1.52	C.W.	2900	3600	11.84	
GP-F20-30-S9-A	1.83	C.C.W.	2300	3600	14.26	INLET #16 ORB 1-5/16"-12 OUTLET #12 ORB 1-1/16"-12
GP-F20-30-S9-C	1.83	C.W.	2300	3600	14.26	
GP-F20-32-S9-A	1.95	C.C.W.	2300	3600	15.20	
GP-F20-32-S9-C	1.95	C.W.	2300	3600	15.20	

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Model GP-F20 offers aluminium body and cast Iron end plate construction, high pressure Hydraulic Gear Pump with 11 displacement sizes from 0.24 to 1.95 cu.in/rev.



F20 - 5/8" KEYED SHAFT SAE A - 2 Bolt Flange Mount

PART #	cu.in/ rev	Rotation	MAX psi	MAX RPM	GPM@ 1800rpm	SAE Ports
GP-F20-04-P-A	0.24	C.C.W.	3650	3600	1.87	INLET #12 ORB 1-1/16"-12 OUTLET #10 ORB 7/8"-14
GP-F20-04-P-C	0.24	C.W.	3650	3600	1.87	
GP-F20-06-P-A	0.36	C.C.W.	3650	3600	2.81	
GP-F20-06-P-C	0.36	C.W.	3650	3600	2.81	
GP-F20-08-P-A	0.48	C.C.W.	3650	3600	3.74	
GP-F20-08-P-C	0.48	C.W.	3650	3600	3.74	
GP-F20-10-P-A	0.61	C.C.W.	3650	3600	4.75	
GP-F20-10-P-C	0.61	C.W.	3650	3600	4.75	
GP-F20-12-P-A	0.73	C.C.W.	3650	3600	5.69	
GP-F20-12-P-C	0.73	C.W.	3650	3600	5.69	
GP-F20-14-P-A	0.85	C.C.W.	3650	3600	6.62	
GP-F20-14-P-C	0.85	C.W.	3650	3600	6.62	
GP-F20-16-P-A	0.97	C.C.W.	2900	3600	7.56	
GP-F20-16-P-C	0.97	C.W.	2900	3600	7.56	
GP-F20-20-P-A	1.22	C.C.W.	2900	3600	9.51	INLET #16 ORB 1-5/16"-12 OUTLET #12 ORB 1-1/16"-12
GP-F20-20-P-C	1.22	C.W.	2900	3600	9.51	
GP-F20-25-P-A	1.52	C.C.W.	2900	3600	11.84	
GP-F20-25-P-C	1.52	C.W.	2900	3600	11.84	
GP-F20-30-P-A	1.83	C.C.W.	2300	3600	14.26	
GP-F20-30-P-C	1.83	C.W.	2300	3600	14.26	
GP-F20-32-P-A	1.95	C.C.W.	2300	3600	15.20	
GP-F20-32-P-C	1.95	C.W.	2300	3600	15.20	

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