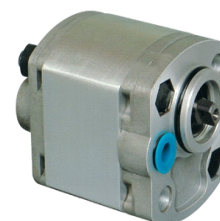




GEAR PUMPS

CBK-F*F



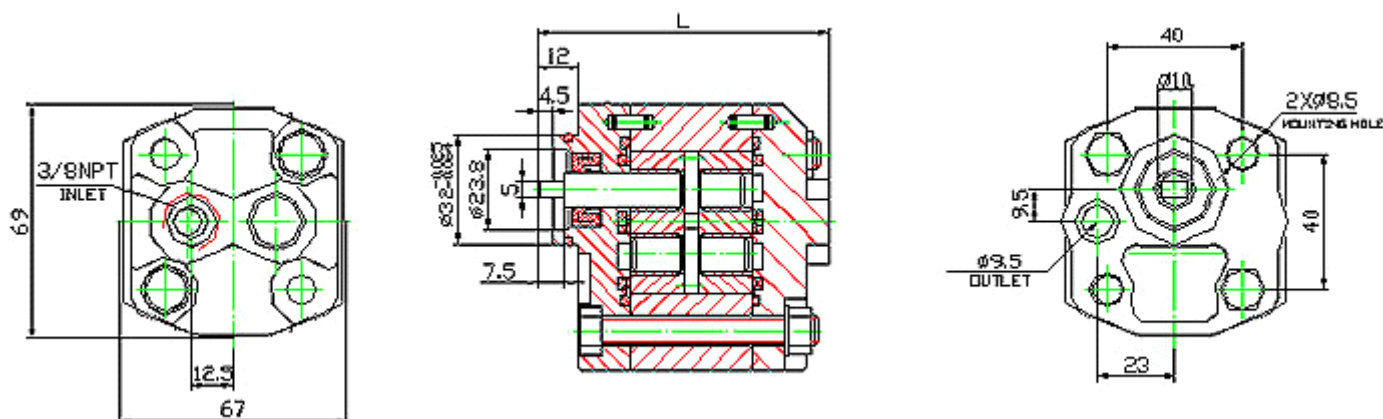
1.General Description

The CBK series gear pump consists of a gear pair supported by two aluminium bearing blocks, a housing, front cover and rear cover. The axis clearance can be automatically compensated by the bearing blocks. The CBK pump features high mechanical and volumetric efficiency, low noise level as well as low weight/power ratio. Both CW and CCW direction pump are available.

2. Order Code :

CBK	-	F	*	*	F	
						Blank - CW
						Direction F - CCW
2900 psi (20Mpa) Rate pressure						
0.038 in ³ /r (0.63 ml/r) to 0.368 in ³ /r (6.03 ml/r) Displacement						Inlet/outlet position Blank - Rear in / Front out

3.CBK-F*F outline (mm)



4.Technical data

Model	Displacement		Rate Pressure		Temp. Max. Pressure		Rate Flow (Speed 3000 RPM)	
	ml/r	in ³ /r	Mpa	psi	Mpa	psi	LPM	GPM
CBK-F-0.8**	0.89	0.054	25	3625	28	4060	2.67	0.235
CBK-F-1.2**	1.27	0.077					3.81	0.335
CBK-F-1.6**	1.66	0.101					4.98	0.438
CBK-F-2.1**	2.17	0.132					6.51	0.573
CBK-F-2.5**	2.5	0.153					7.5	0.660
CBK-F-2.7**	2.8	0.171					8.4	0.739
CBK-F-3.2**	3.32	0.203					9.96	0.877
CBK-F-3.7**	3.8	0.232	23	3335	26	3770	11.4	1.003
CBK-F-4.2**	4.3	0.262					12.9	1.135
CBK-F-5.0**	5.1	0.311	18	2610	23	3335	15.3	1.347

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Steel Tanks

Tank Code:

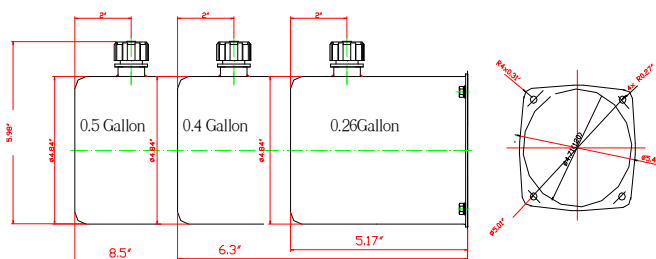
TK - 1.0 C

Tank

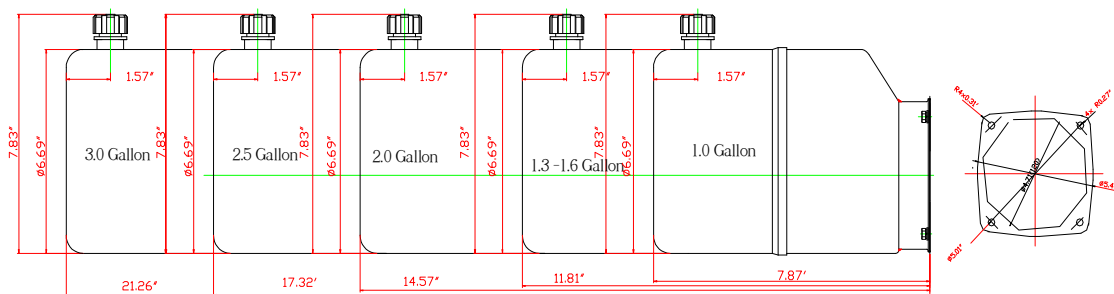
C - Cylindrical tank
R - Cuboidal tank
O - Other tank

Size (gallon) - 0.26, 0.4, 0.5, 1.0, 1.3, 1.6, 2.0, 2.5, 3.0, 3.5, 4.0, 5.0, xxx(special)

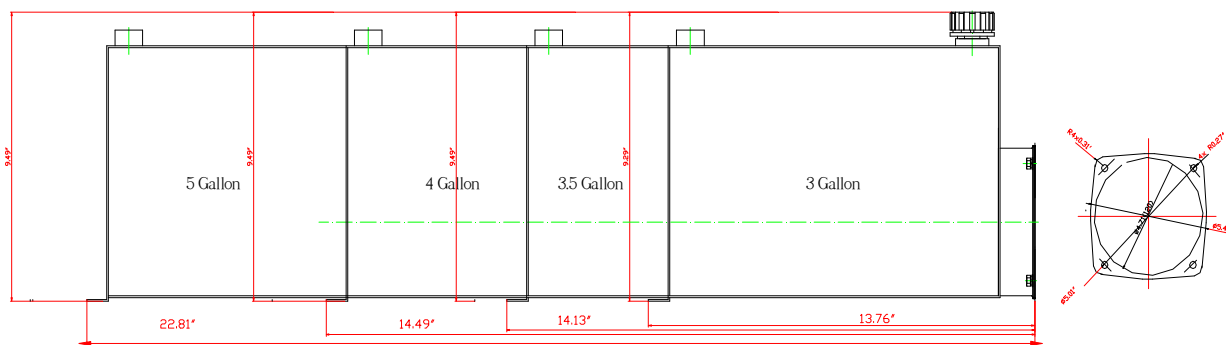
Cylindrical Tanks



Cylindrical Tanks



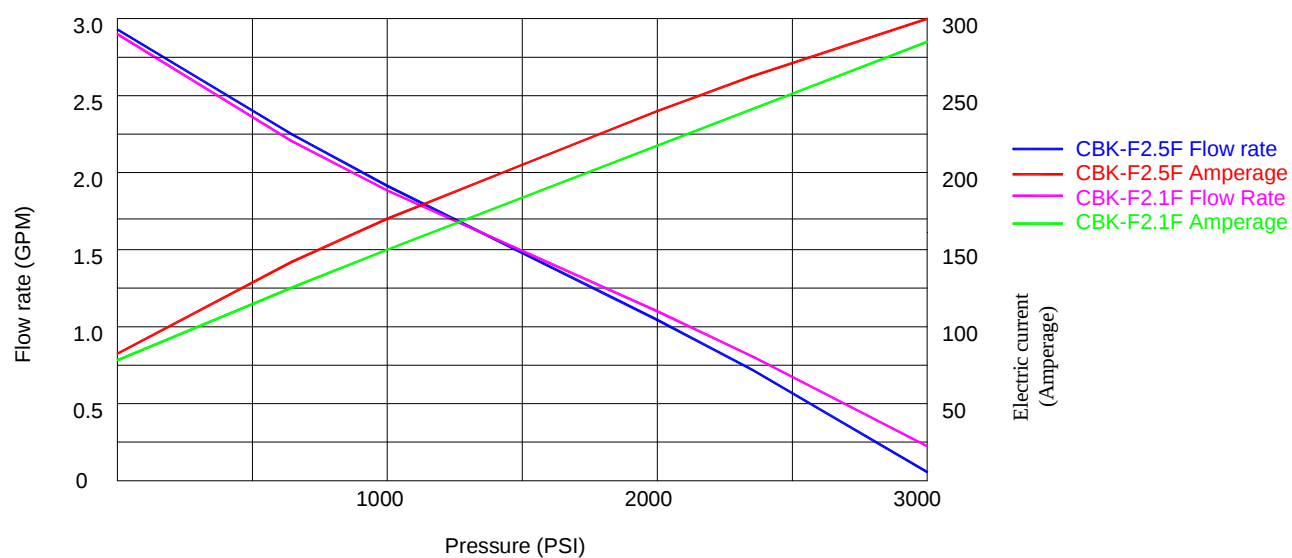
Cuboidal Tanks



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Performance Curve of CBK-F2.1F and CBK-F2.5F Driven by 12VDC 2.01HP(1.5KW) Motor



Performance curves of CBKF-0.8 Driven by 12VDC1 hp motor

