

Welcome To **BUCHER** hydraulics

POWER UNITS

Our quality: We always adhere to the implementation of ISO9001 quality management system and continuously strengthen and improve internal management, as well as providing our customers with best quality products. Quality and service is our sincere commitment.



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Gear Pumps and Gear Motors Power Units Hydraulic Valves Accessories

CBK Hi/low Gear Pumps

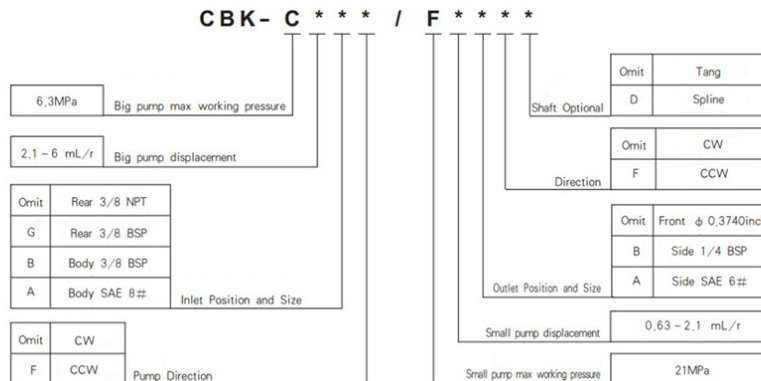
CBK Hi/low Gear Pumps

General Description



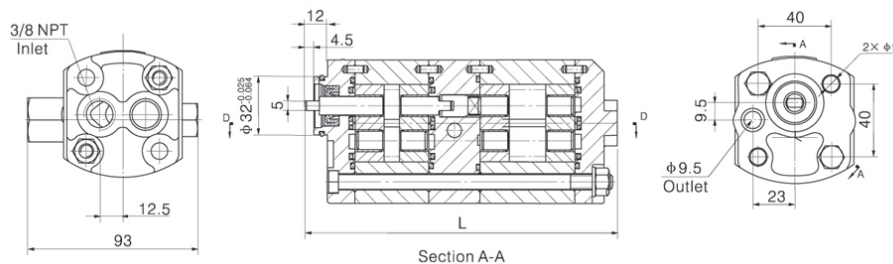
The CBK 2-stage gear pump consists of a big displacement, low pressure pump and a small displacement, high pressure pump, a check valve as well as an unloading valve. While working at the pressure lower than the unloading pressure, both big and small pumps output flow. When working at a higher pressure, only small pump outputs flow, which highly reduces the power consumption. The CBK hi/low pumps are widely used in the power units for trash compressors, machine tools and presses.

Order Code

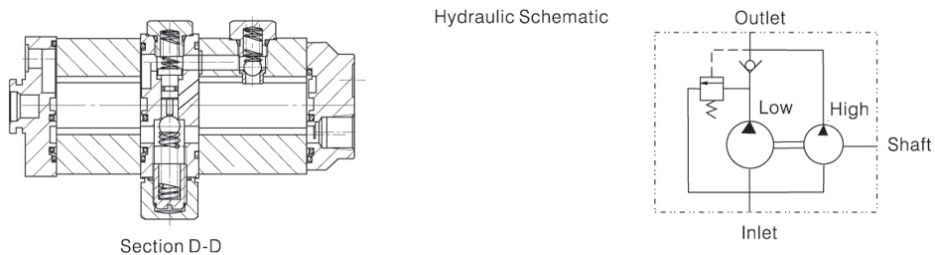


Outline Dimension

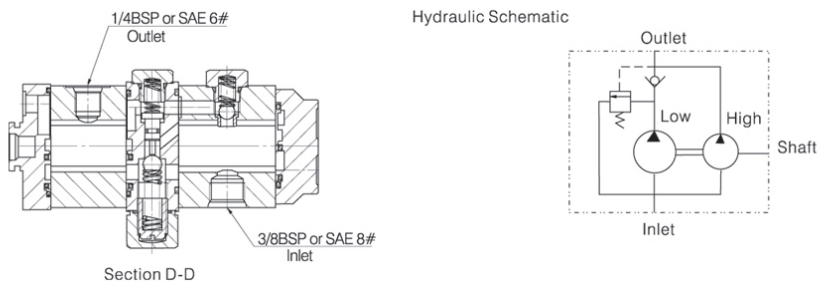
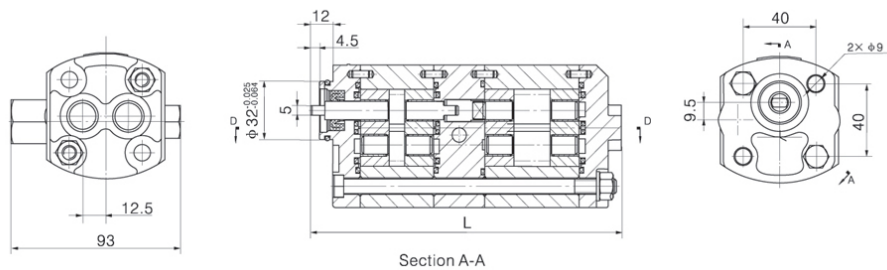
Rear In/Front Out



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Side In/Side Out



Technical Data

Model	Flow @ 1800 RPM		Displacement mL/r (in ³ /r)		Pressure(MPa)		Speed(RPM)	Dimension L(mm)
	L/min	(GPM)	low pre	high pre	Unload	Work		
CBK-C2.1**/F0.8**	5.50	(1.453)	2.17	(0.132)	Range: 1.4-6.3 Preset: 4.2	21	1800	154
CBK-C3.2**/F1.2**	8.26	(2.182)	3.32	(0.203)				160
CBK-C3.7**/F1.2**	9.2	(2.430)	3.84	(0.234)				162
CBK-C4.2**/F0.8**	9.34	(2.468)	4.3	(0.262)				162.5
CBK-C4.2**/F1.6**	10.72	(2.832)	4.3	(0.262)				165.5
CBK-C5**/F1.2**	11.47	(3.030)	5.1	(0.311)				167
CBK-C5**/F2.1**	13.08	(3.456)	5.1	(0.311)				170.5
CBK-C6**/F2.1**	14.76	(3.900)	6.03	(0.368)				174

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