



CB-B Series Gear Pump



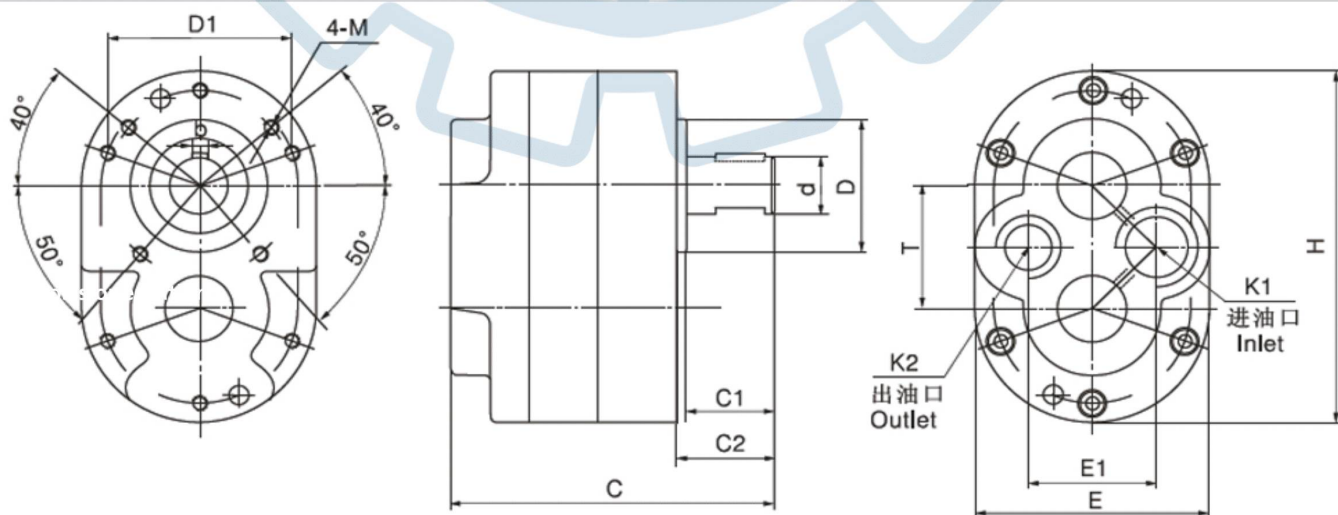
Introduction

This series has two teeth - spur and helical teeth, it is outside the engaging displacement. For the transfer of 1 ~ 8 ° viscosity mineral oil, oil temperature at 10 °C ~ 60 °C , such as hydraulic oil, mechanical oil, fuel oil.

CB-B series gear pump is widely used in machine tools, hydraulic machinery, engineering machinery, hydraulic systems, as a power source system. It can also be used to thin oil station, metallurgy, mining, petroleum, chemical, textile machinery and other equipment for the oil pump, lubricating pump, fuel pump.

** Remark: If the temperature of medium is between 60°C ~ 200°C, please mark it and we will make preparation for your particular requirements.*

Dimension





Model	C	E	H	C1	C2	D(f8)	D1	d(h7)	E1	T	b	M	K1	K2
CB-B2.5	79	66	96	25	30	Φ35	Φ50	Φ12	35	30	4	M6	Z3/8"	Z3/8"
CB-B4	82													
CB-B6	86													
CB-B10	94													
XCB-B16	107	90	132	30	35	Φ50	Φ55	Φ6	50	42	5	M8	Z3/4"	Z3/4"
XCB-B20	111													
XCB-B25	115													
XCB-B32	121													
XCB-B40	132	102	154	35	40	Φ55	Φ80	Φ22	55	52	6	M8	Z1"	Z3/4"
XCB-B50	138													
XCB-B63	144													
XCB-B80	158													
XCB-B100	165	121	186	45	50	Φ70	Φ95	Φ30	65	65	8	M8	Z1-1/4"	Z1"
XCB-B125	174													
XCB-B160	186													

Technical Specification

Model	Rated flow L/min	Rated Pressure MPa	Rated Speed r/min	Volumetric Efficiency η _v %	Overall Efficiency η _t %	Pressure Fluctuation MPa	Noise db	Power Driving kw	Weight kg
CB-B2.5	2.5	2.5	1450	≥70	≥63	± 0.15	62 ~ 65	0.18	1.6
CB-B4	4			≥80	≥72			0.21	1.7
CB-B6	6			≥80	≥72			0.31	1.8
CB-B10	10			≥80	≥72			0.51	2.1
CB-B16	16			≥90	≥81		0.82	4.2	
CB-B20	20			≥90	≥81		1.02	4.4	
CB-B25	25			≥90	≥81		1.3	4.6	
CB-B32	32			≥90	≥81		1.65	5	
CB-B40	40			≥94	≥85		2.1	7.2	
CB-B50	50			≥94	≥85		2.6	7.6	
CB-B63	63			≥94	≥85		3.3	7.8	
CB-B80	80			≥94	≥85		4.1	12.6	
CB-B100	100			≥95	≥86		5.1	13.3	
CB-B125	125			≥95	≥86		6.5	14.5	
CB-B160	160			≥95	≥86		8.2	15.6	