

CBB Series

Gear pump



Index

Page No

• Introduction	02
• Ordering code	02
• Specification	02
• Mounting dimension	03



Introduction

- The CB-B gear pump is a power component in a hydraulic system.
- The pump uses high-precision gears, high-strength cast iron shells and other structures.
- The mechanical energy transmitted by the motor is converted into a hydraulic energy conversion device by intermeshing gears.
- In the hydraulic system to provide a fixed hydraulic energy.
- The pump has the advantages of simple structure, reliable operation, convenient maintenance, good adaptability to impact load, widely used in the hydraulic system of the machine tool, and can be used in hydraulic systems of other machines.

Ordering code

	CB	-	B	*	*
Gear pump					
Working pressure 25 Bar			= B		
Rotation direction Clockwise Counter clockwise				= omit = X	
Nominal Flow rate See the specification table as below					

Specifications

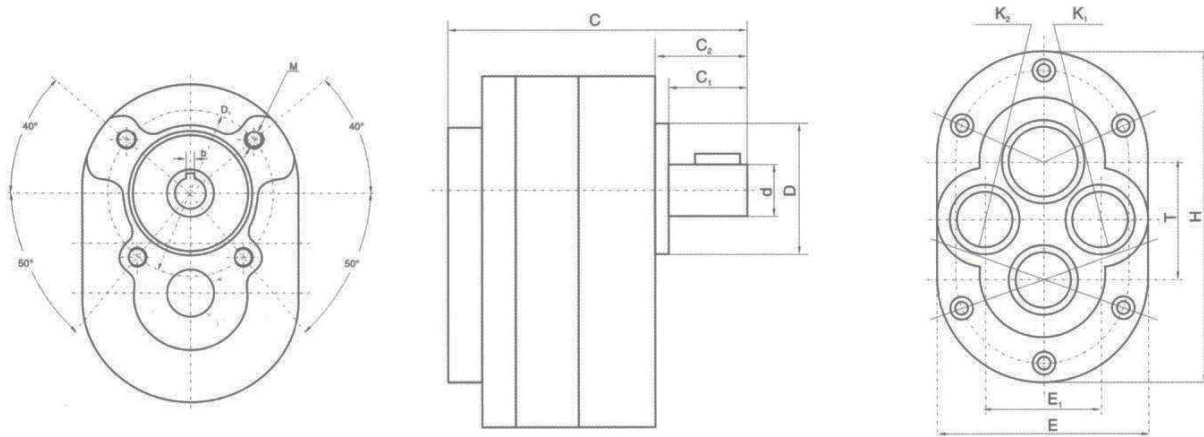
Product number	Flow L/min	Preset pressure Bar	Rated speed r/min	Driving power r/min	Volumetric efficiency %	Weight Kg
CB-B2.5	2.5	25	1450	0.13	≥70	2.5
CB-B4	4			0.21	≥80	2.8
CB-B6	6			0.31	≥80	3.2
CB-B10	10			0.51	≥90	3.5
CB-B16	16			0.82	≥90	5.2
CB-B20	20			1.02	≥90	5.3
CB-B25	25			1.30	≥90	5.5
CB-B32	32			1.65	≥94	5.7
CB-B40	40			2.10	≥94	10.5
CB-B50	50			2.60	≥94	11
CB-B63	63			3.30	≥94	11.8
CB-B80	80			4.10	≥94	17.6
CB-B100	100			5.10	≥95	18.7
CB-B125	125			6.50	≥95	19



Mounting Dimensions

(Dimensions in mm)

CB-B2.5-125 Model specification



Model	C	E	H	C1	C2	D	D1	d	E1	T	b	M	K1	K2
CB-B2.5	79	65	95	25	30	ø35	ø50	ø12	35	30	4	M6	Z3/8"	Z3/8"
CB-B4	82													
CB-B6	86													
CB-B10	94													
CB-B16	107	86	128	30	35	ø50	ø65	ø16	50	42	5	M8	Z3/4"	Z3/4"
CB-B20	111													
CB-B25	115													
CB-B32	121													
CB-B40	132	100	152	35	40	ø55	ø80	ø22	55	52	6	M8	Z1"	Z3/4"
CB-B50	138													
CB-B63	144													
CB-B80	158	120	185	45	50	ø70	ø95	ø30	64	65	8	M8	Z1 1/4"	Z1"
CB-B100	165													
CB-B125	174													

