

CBU Series

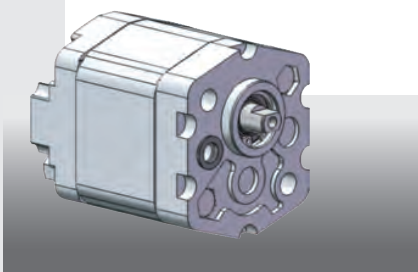
Gear pump is mainly composed of pump body, shaft sleeve, gear, front cover, rear cover and other main parts, using floating shaft sleeve for axial automatic compensation. The CBU gear pump has the characteristics of small size, light weight, simple structure, reliable work, convenient installation, use and maintenance. It is mainly used in hydraulic power units, various hydraulic machinery, construction machinery and other hydraulic systems.

Code Instruction

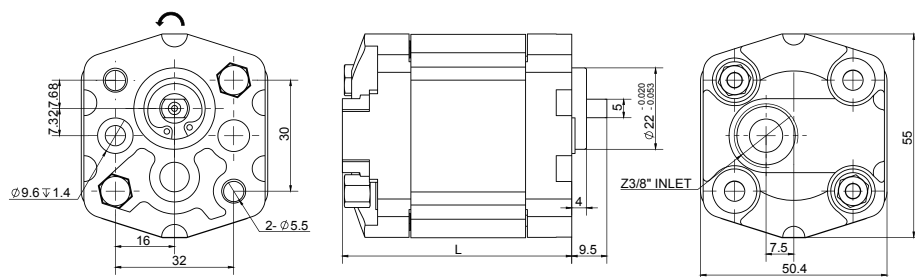
CBU - F 1 *-L B L-***

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Product code
- ② Pressure rating F: 20MPa
- ③ Appearance number
- ④ Nominal displacement
- ⑤ Direction of rotation R: CW L:CCW
- ⑥ Axial extension form B: Oblate key
- ⑦ Oil port form L: thread Z3/8 L1:thread G3/8
- ⑧ Oil position rear inlet front outlet



Outline Dimensions



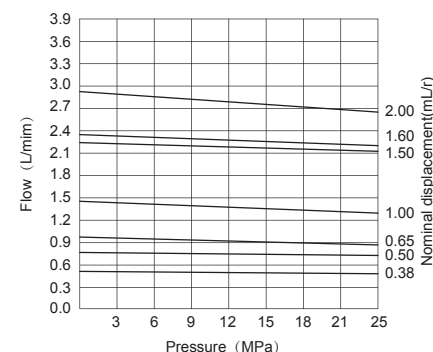
Performance Parameter

Code	Nominal displacement (mL/r)	Pressure (MPa)		Speed (r/min)		volumetric efficiency (≥%)	L (mm)
		Rating	Maximum pressure	Minimum	Maximum		
CBU-F1019	0.19	20	25	1000	7000	90	60.5
CBU-F1025	0.25	20	25	1000	7000	90	61
CBU-F1038	0.38	20	25	1000	7000	91	62
CBU-F1050	0.5	20	25	1000	7000	91	63
CBU-F1065	0.65	20	25	1000	7000	92	64
CBU-F1075	0.75	20	25	1000	7000	92	65
CBU-F1088	0.88	20	25	1000	7000	92	66
CBU-F1100	1.0	20	25	850	6000	92	67
CBU-F1125	1.25	20	25	700	5000	92	69
CBU-F1150	1.5	20	25	600	4000	92	71
CBU-F1160	1.6	20	25	600	4000	92	71.8
CBU-F1175	1.75	20	25	600	4000	92	73
CBU-F1200	2.0	20	25	500	3000	92	75

Characteristic curve

Flow pressure characteristics:

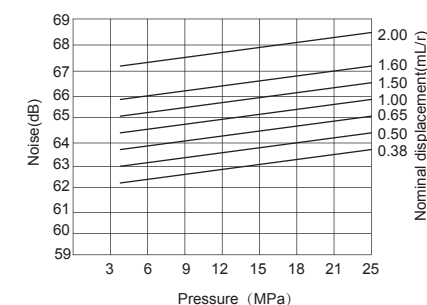
Test condition: n=1450r/min V=46mm²/s t=55℃



Noise curve

Pressure noise characteristics:

Test condition: n=1450r/min V=46mm²/s t=55℃



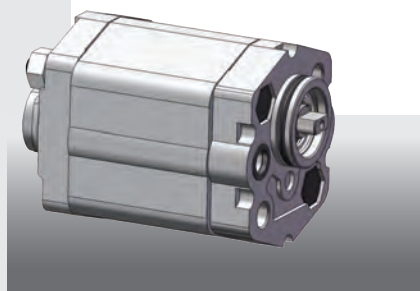
CBK Series

Gear pump is mainly composed of pump body, shaft sleeve, gear, front cover, rear cover and other parts, and the floating shaft sleeve is used for automatic axial compensation. With the characteristics of small volume, light weight, low noise, reliable work, convenient use and installation also maintenance, etc. It is mainly used in hydraulic power units, various hydraulic machinery, construction machinery and other hydraulic systems.

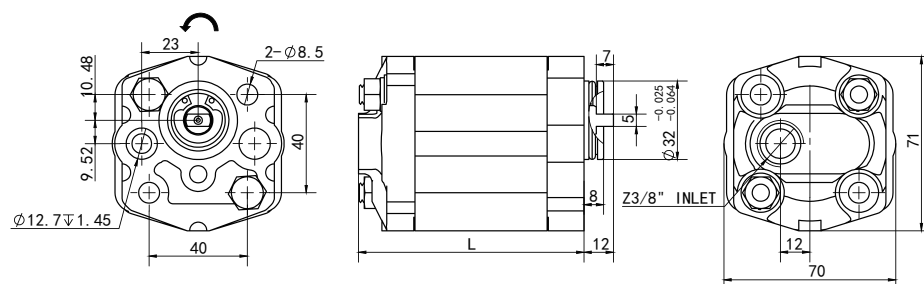
Code Instruction

CBK - F 1 ***-L B L-*
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Production code
- ② Pressure rating F: 20MPa
- ③ Appearance number
- ④ Nominal displacement
- ⑤ Direction of rotation R: CW L: CCW
- ⑥ Axial extension form B: Oblate key
- ⑦ Oil port form L: thread Z3/8 L1: thread G3/8
- ⑧ Oil position rear inlet front outlet



Outline Dimensions



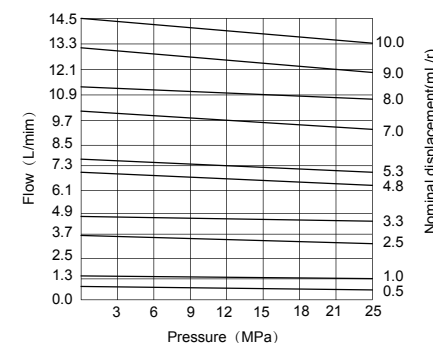
Performance Parameter

Code	Nominal displacement (mL/r)	Pressure (MPa)		Speed (r/min)		Volumetric efficiency (≥%)	L (mm)
		Rating	Maximum	Minimum	Maximum		
CBK-F1050	0.5	20	25	1000	6000	90	54
CBK-F1065	0.65	20	25	1000	6000	90	54.5
CBK-F1075	0.75	20	25	1000	6000	91	55
CBK-F1100	1.0	20	25	1000	6000	91	56
CBK-F1130	1.3	20	25	1000	6000	92	57
CBK-F1160	1.6	20	25	1000	6000	92	58
CBK-F1200	2.0	20	25	1000	6000	92	60
CBK-F1250	2.5	20	25	1000	6000	92	62
CBK-F1330	3.3	20	23	800	5000	92	64
CBK-F1370	3.7	20	23	800	4500	92	66
CBK-F1420	4.2	20	23	800	4000	93	68
CBK-F1480	4.8	19	21	800	3500	93	70
CBK-F1053	5.3	19	21	600	3500	93	72.4
CBK-F1058	5.8	19	21	600	3000	93	74
CBK-F1070	7.0	16	18	600	2500	93	78
CBK-F1080	8.0	16	18	600	2000	93	82
CBK-F1090	9.0	16	18	600	1500	93	86
CBK-F1110	10.0	16	18	600	1500	93	88.5

Characteristic curve

Flow pressure characteristics:

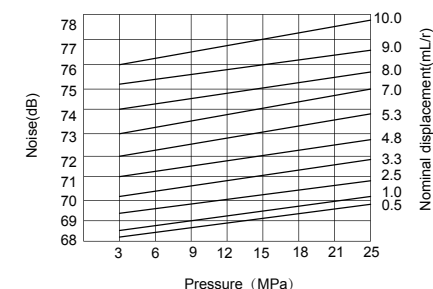
Test condition: n=1450r/min V=46mm²/s t=55℃



Noise curve

Pressure noise characteristics:

Test condition: n=1450r/min V=46mm²/s t=55℃



CBKL Series

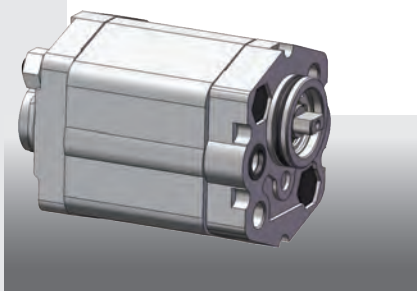
Gear pump is mainly composed of pump body, shaft sleeve, gear, front cover, rear cover and other parts, and the floating shaft sleeve is used for automatic axial compensation. Due to the helical gear structure, the noise of the pump is greatly reduced, which is the upgrade of CBK straight pump products. With the characteristics of small volume, light weight, low noise, reliable work, convenient use and installation also maintenance, etc. It is mainly used in hydraulic power units, various hydraulic machinery, construction machinery and other hydraulic systems.

Code Instruction

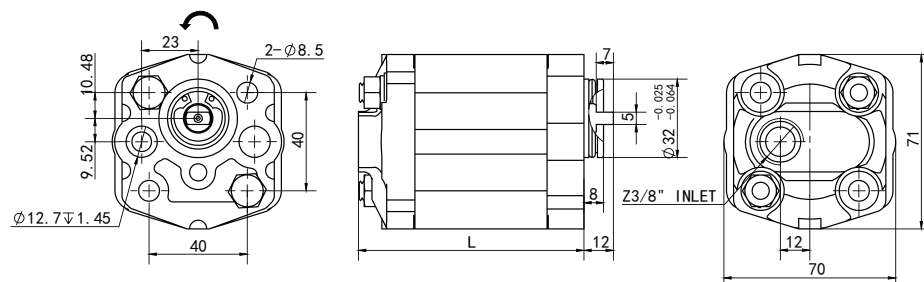
CBKL - G 2 *-L B L-***

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Production code
- ② Pressure rating G: 20MPa
- ③ Appearance number
- ④ Nominal displacement
- ⑤ Direction of rotation R: CW L: CCW
- ⑥ Axial extension form B: Oblate key
- ⑦ Oil port form L: thread Z3/8 L1: thread G3/8
- ⑧ Oil port position rear inlet front outlet



Outline Dimensions



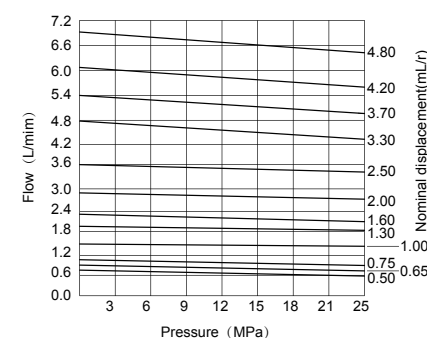
Performance Parameter

Code	Nominal displacement (mL/r)	Pressure (MPa)		Speed (r/min)		volumetric efficiency (≥%)	L (mm)
		Rating	Maximum pressure	Minimum	Maximum		
CBKL-G2050	0.5	20	25	1000	6000	90	78.4
CBKL-G2065	0.65	20	25	1000	6000	91	79.1
CBKL-G2075	0.75	20	25	1000	6000	91	79.6
CBKL-G2100	1.0	20	25	1000	6000	91	80.8
CBKL-G2130	1.3	20	25	1000	6000	92	82.2
CBKL-G2160	1.6	20	25	1000	6000	92	83.7
CBKL-G2200	2.0	20	25	1000	6000	92	85.6
CBKL-G2250	2.5	20	25	1000	6000	92	88
CBKL-G2330	3.3	20	25	800	5000	92	91.8
CBKL-G2370	3.7	20	25	800	4500	92	93.8
CBKL-G2420	4.2	20	25	800	4000	93	96.2
CBKL-G2480	4.8	20	25	800	3500	93	99

Characteristic curve

Flow pressure characteristics:

Test condition: n=1450r/min V=46mm³/s t=55℃



Noise curve

Pressure noise characteristics:

Test condition: n=1450r/min V=46mm³/s t=55℃

