

CBKP

Double Gear Pump
Size: 72cc to 200cc
Max Pressure: 250 Bar



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Features

- The housing adopts hydraulic extrusion molding technology with strong bearing capacity.
- Adopt high strength alloy steel gears, the gear pump has high reliability and long service-life.
- High strength roller bearing, improve the anti-oveload and antipollution capability of gear pump.
- The shaft extension type: Plain key(P), Rectangle spline(H),SAE spline, metric involute spline.
- The auto-compensation unit of axial clearance ensures the high volumetric efficiency.
- Widely applied to engineering machinery industry.

Ordering code

CBKP	*	/	*	-	B	F	*	*
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CBKP

First Pump Nominal Displacement (mLr)
40, 50, 63, 80, 100

Second Pump Nominal Displacement (mLr)
32, 40, 50, 63, 80, 100

Mounting
Square

= B

Jointing Port
Flange

= F

Shaft End
Plain key
SAE Spline
Rectangular Spline
Involute Spline

= P
= Ø
= H
= X

Rotation
Left (counter clockwise)
Right (clockwise is omitted)

= L
= R



Technical data

Model	Nominal Displacement (mL/r)	Pressure (Bar)		Speed (r/min)			Volumetric efficiency (>%)
		Rated	Max	Min	Rated	Max	
CBKP40/32-BF**	40/32	200	250	500	2000	2500	90
CBKP40/40-BF**	40/40						
CBKP50/32-BF**	50/32						
CBKP50/40-BF**	50/40						
CBKP50/50-BF**	50/50						
CBKP63/32-BF**	63/32						
CBKP63/40-BF**	63/40						
CBKP63/50-BF**	63/50						
CBKP63/63-BF**	63/63						
CBKP80/32-BF**	80/32						
CBKP80/40-BF**	80/40						
CBKP80/50-BF**	80/50						
CBKP80/63-BF**	80/63						
CBKP80/80-BF**	80/80						
CBKP100/50-BF**	100/50						
CBKP100/80-BF**	100/80						
CBKP100/100-BF**	100/100						

Unit Dimensions

(Dimensions in mm)

Plain Key

Rectangle Spline

SAE Spline

Involute Spline

SAE Spline data	
D.P	12/24
No. of tooth	14
Pressure angle	30°

Involute Spline data	
Modular	2
No. of tooth	15
Pressure angle	30°



Unit Dimensions

(Dimensions in mm)

TYPE	L1	L2	L3	Outlet				L4	Weight (Kg)				
				D1	M x N	D2	J x K						
CBKP40/32-BF**	115	98	220	Ø25	52 x 26	Ø25	52 x 26	275.5	22				
CBKP40/40-BF**								279	22.5				
CBKP50/32-BF**	119	100	224.5					280.5	22.5				
CBKP50/40-BF**								284	23				
CBKP50/50-BF**								289	23.5				
CBKP63/32-BF**	125	106	230					Ø32	60 x 30	Ø32	60 x 30	286	23.5
CBKP63/40-BF**												289.5	23.5
CBKP63/50-BF**												294.5	24
CBKP63/63-BF**												300	24.5
CBKP80/32-BF**	128	110	239									Ø32	60 x 30
CBKP80/40-BF**				298.5	25								
CBKP80/50-BF**			303.5	25.5									
CBKP80/63-BF**			309	26									
CBKP80/80-BF**			318	27									
CBKP100/50-BF**			120	120	242	Ø25	52 x 26						
CBKP100/80-BF**	248	Ø32			60 x 30	328	27						
CBKP100/100-BF**	252					338	28						
CBKP100/100-BF**	256.5												

