

FIXED GEAR PUMP - CBK



Shaft Side Mount| 200bar | 2.1cc/rev

Specification/ Technical Data

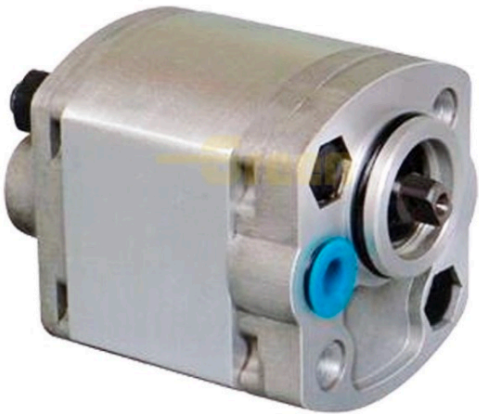
Max. Pressure	200 bar
Continuous Operation	< 185 bar
Pump Output	2.1 cc/rev
Input - Output	Rear IN - Front OUT
Rotation* (from shaft end)	CCV only
Type	Fixed Gear
Min - Max RPM	500 - 2500
Body Material	Aluminium
Media	Mineral Oil
Oil Temperature Range	+10 to 80°C
Oil Viscosity	ISO VG 46-100
Oil Cleanliness (ISO 4406)	20/18 /15
Orientation	Any
Efficiency	~ 88%

* Rotating the pump in opposite direction may lead to pump failure

Other sizes upon request against volumes

Ordering Information

Basic Code	Gear Pump	CBK
Orientation	Rear IN - Front OUT	F
Size	2.1cc/rev	2.1
Seal Material	NBR	No Code
Version		1x



The CBK type fixed gear pumps are unique pumps with suction port on rear side and pressure (delivery) port on the shaft side. These are external gear pumps that use meshing of gears to pump fluid by displacement. The CBK pump find usage in equipments that use sandwich manifolds based hydraulic power-pack viz. car parking systems, fork-lifts, tipper and garage equipment/ vehicles.

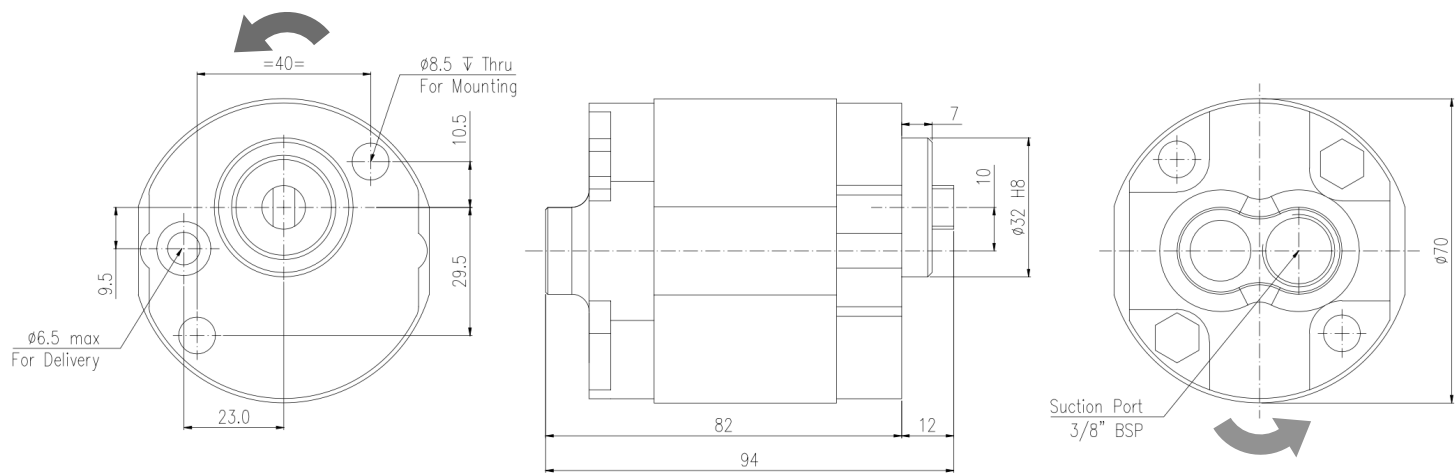
The pumps are designed for high efficiencies with low noise and can be operated at very low RPM's. The body of the pump is made of extruded aluminium and high strength integral gears for reliable performance.

Note: The pumps may be coupled to either AC or DC motors, but care should be taken to ensure right direction of rotation when connecting.

Low RPM below recommended level or high RPM above maximum will result in lower pump efficiency and may also impact life of pump.

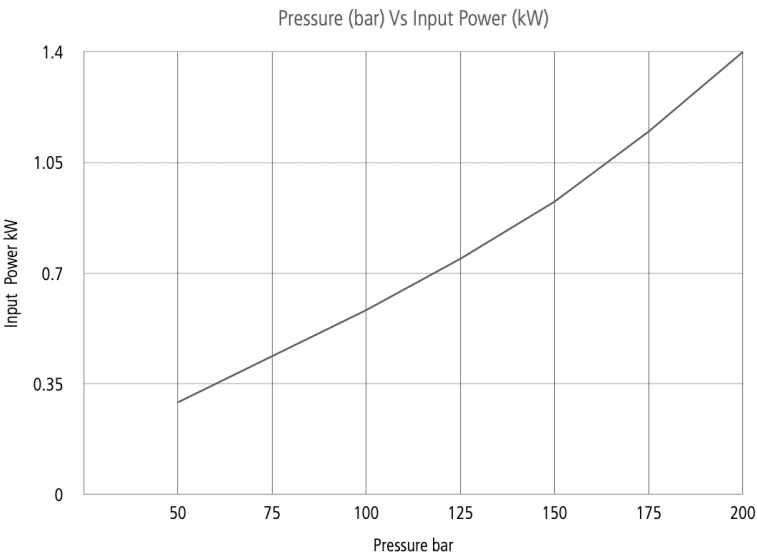
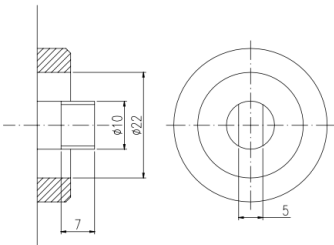
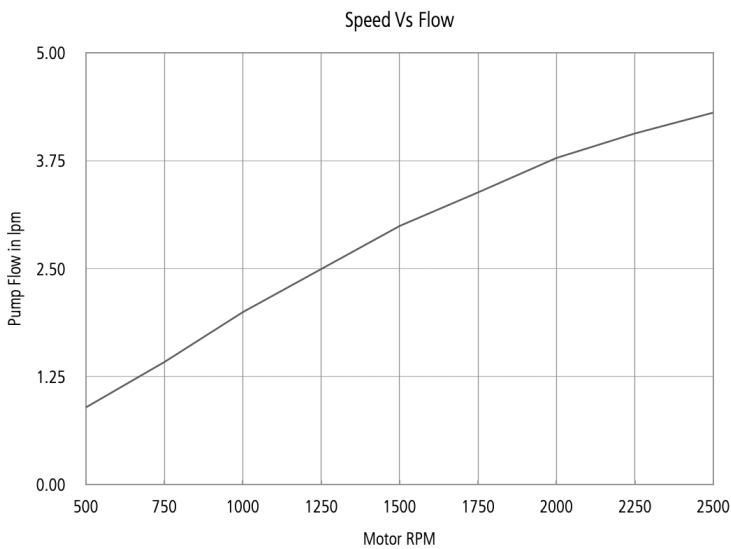
Basic Code	Disp.	Design Pressure	Intermittent Pressure	Continuous Pressure	Weight
CBK-F2.1	2.1cc/rev	250 bar	200 bar	185 bar	~ 1.5Kg

Dimensional Details



Performance Chart

Recorded at TOil = 40°C and 68 cSt.



Flow considered at 1440 RPM

All dimensions in mm

Spare List

SealKit - CBKF21	SSPCBKF211x
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BEMCO FLUIDTECHNIK LLP, Khanapur Road, Udyambag, Belgaum - 590 008 KA IN +91 831 4263001 info@fluidik.co

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