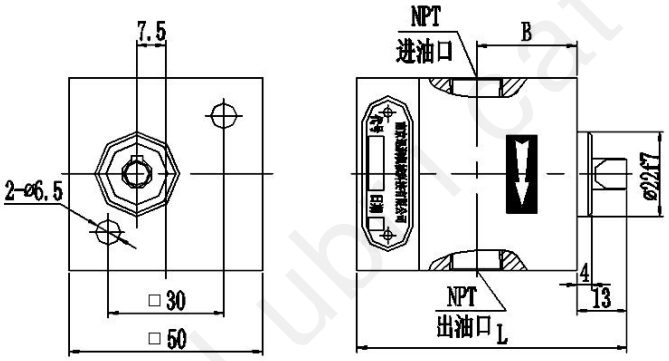
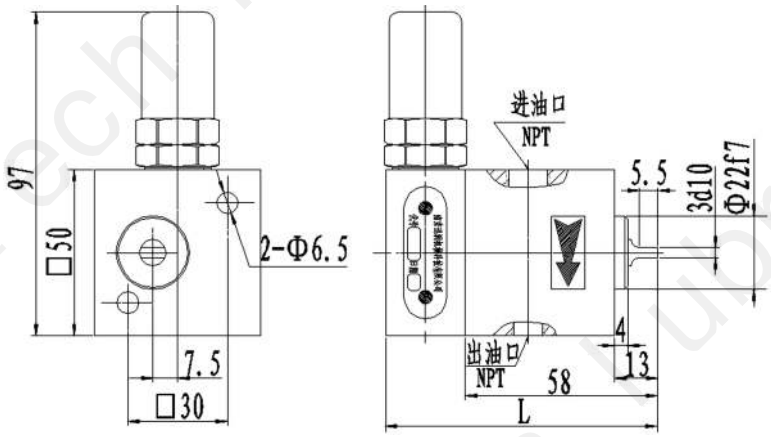
CB Gear Pump

The CB Series are low pressure, high speed gear pumps with a small discharge oil pump of small size, light weight, smart outline and wide rotation speed range. The product is widely used in continuous and intermittent supply lubrication systems for machine tools, textile machinery, light industries and other small machineries.



CB-1.6 Type



CB-1.6(relief valve)

Model	P.N.	Direction	Relief Valve	Pressure (Mpa)	Discharge (mL/r)	Motor (r/min)	L (mm)	B (mm)	Inlet	Outlet	Viscosity
CB-1.0	20201	Clockwise	None	1.6	1.0	1000 ~2100	72	26	NPT1/4	NPT1/8	N20~ N460
	20201N	Anti-clockwise									
	20201Y	Clockwise	Yes				82				
	20201NY	Anti-clockwise									
CB-1.3	20202	Clockwise	None	2.5	1.3		72				
	20202N	Anti-clockwise									
	20202Y	Clockwise	Yes				82				
	20202NY	Anti-clockwise									
CB-1.6	20203	Clockwise	None		1.6		72				
	20203N	Anti-clockwise									
	20203Y	Clockwise	Yes				82				
	20203NY	Anti-clockwise									
CB-2.8	20204	Clockwise	None		2.8		89	35		NPT1/4	
	20204N	Anti-clockwise									
	20204Y	Clockwise	Yes								
	20204NY	Anti-clockwise									

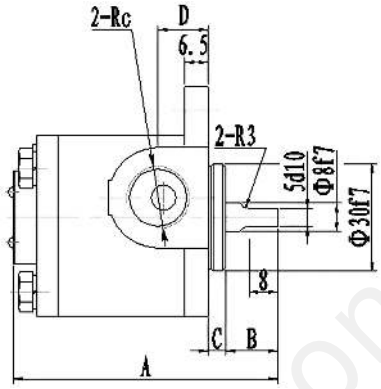
BB directional Trochoid Pump

This pump has a simple structure, low noise, a stable oil supply, strong self absorption and high speed characteristics.

This product is suitable for low-pressure, continuous, and intermittent lubrication for machine tools, textile machinery, printing machinery, and light industrial machinery, etc.

BB

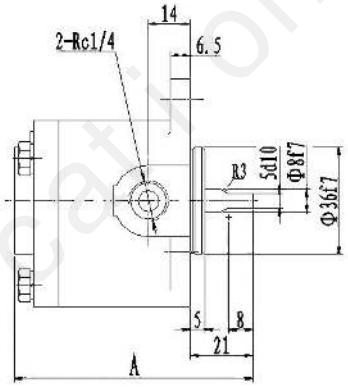
BB(relief valve)

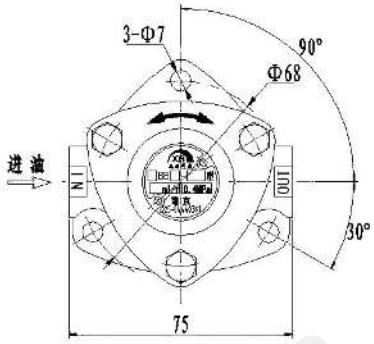


Model	P.N.	Direction	Relief valve	Rated pressure	Discharge	Speed range (r/m)	A	B	C	D	E	Thread	Viscosity
							Mm						
BB-1.0	20151	Clockwise	None	0.40 MPa	1.0 mL/r	500~ 2000	57	11.5	8	12	3	Rc1/8	N20 ~ N320
	20151N	Anti-clockwise											
	20151Y	Clockwise	Yes										
	20151N	Anti-clockwise											
BB-1.6	20152	Clockwise	None		1.6 mL/r		60					Rc1/4	
	20152N	Anti-clockwise											
	20152Y	Clockwise	Yes										
	20152N	Anti-clockwise											
BB-2.5	20153	Clockwise	None		2.5 mL/r	300~ 2000	64						
	20153N	Anti-clockwise											
	20153Y	Clockwise	Yes										
	20153N	Anti-clockwise											
BB-3.2	20154	Clockwise	None		3.2 mL/r		68	14.5	5	14	5	Rc3/8	
	20154N	Anti-clockwise											
	20154Y	Clockwise	Yes										
	20154N	Anti-clockwise											
BB-4.5	20155	Clockwise	None		4.5 mL/r		74						
	20155N	Anti-clockwise											
	20155Y	Clockwise	Yes										
	20155N	Anti-clockwise											
BB-5.0	20156	Clockwise	None		5.0 mL/r		76						
	20156N	Anti-clockwise											
	20156Y	Clockwise	Yes										
	20156N	Anti-clockwise											

KBBA Bi-directional Trochoid Pump

Inlet and outlet of the pump are fixed, while the shaft rotation can be changed.



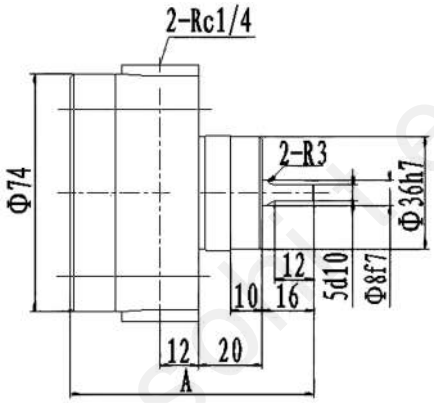


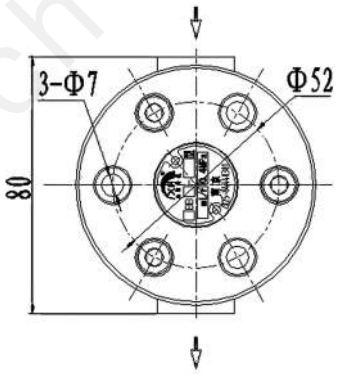
Model	P.N.	Rated pressure (MPa)	Discharge （mL/r）	Speed range （r/min）	A （mm）	Inlet/ outlet	Viscosity
KBBA-1.6	20157	0.40	1.6	300~2000	64	Rc1/4	**N**20~**N**320
KBBA-2.5	20158		2.5		68		
KBBA-4.5	20159		4.5		80		

KBBO Bi-directional trochoid pump

KBBO pump is circular;

The inlet/outlet are changeless, the rotation of pump shaft is changeable.



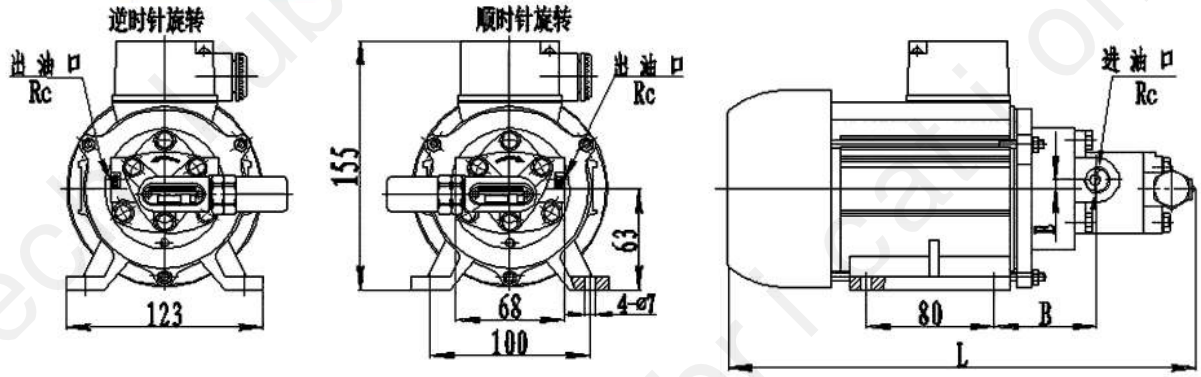


Type	Code	Pressure (MPa)		Delivery	Speed	A	Inlet/Outlet thread	Viscosity
		Rated	Max	mL/r	r/min	mm		
KBBO-1.6	20161	0.40	0.50	1.6	300~2000	70	Rc1/4	**N**20~**N**320
KBBO-2.5	20162			2.5		80		
KBBO-4.5	20163			4.5		90		

Remark: Optional pump shaft and inlet/outlet thread are available. Please specify at time of order.

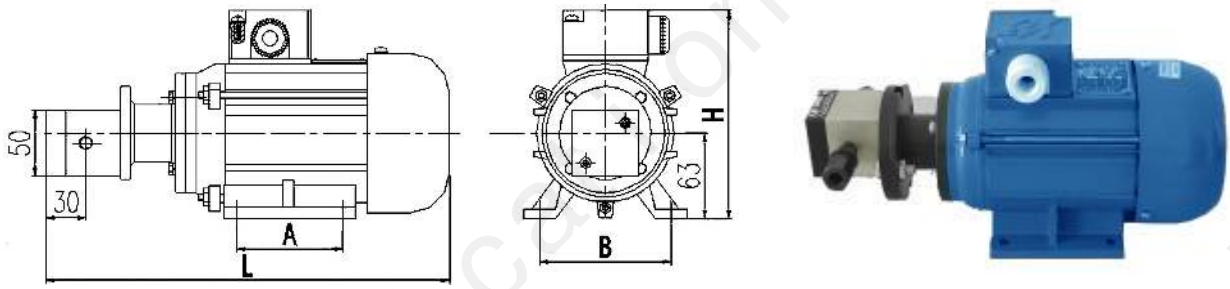
BBZ Trochoid Pump Assembly

The BBZ trochoid pump assembly includes a motor, a trochoid pump, and a relief valve. This pump assembly has a simple structure, low noise levels, stable oil supply, strong self absorption and high speed characteristics. The product is suitable for low pressure continuous and intermittent supply lubrication for machine tools, textile machinery, printing machinery and light industrial machinery, etc.



Model	P.N	Direction	Relief valve	Voltage (VAC)	Power (W)	Speed Range (r/min)	discharge (L/min)	Rated Pressure (Mpa)		L (mm)	B (mm)	E (mm)	Inlet/ outlet	Viscosity
BBZ-1	20170	Clockwise	Yes	380	120	1400	1.4	0.1~0.4 (Adjustable)		271	61	3	Rc 1/8	N20 ~ N230
	20170N	Anti-clockwis					2.24			274			Rc 1/4	
	20171	Clockwise					3.5			278				
	20171N	Anti-clockwis					4.48			283	64	5.5	Rc 3/8	
	20172	Clockwise					7.0			290				
	20172N	Anti-clockwis												
	20173	Clockwise												
	20173N	Anti-clockwis												
	20174	Clockwise												
	20174N	Anti-clockwis												
BBZ-2	20170-1	Clockwise	无				1.4	0.4	0.5	255	61	3	Rc 1/8	
	20170N	Anti-clockwis					2.24			258			Rc 1/4	
	20171-1	Clockwise					3.5			262				
	20171N	Anti-clockwis					4.48			267.5	64	5.5	Rc 3/8	
	20172-1	Clockwise					7.0			274.5				
	20172N	Anti-clockwis												
	20173-1	Clockwise												
	20173N	Anti-clockwis												
	20174-1	Clockwise												
	20174N	Anti-clockwis												

CBZ Gear Pump Assembly



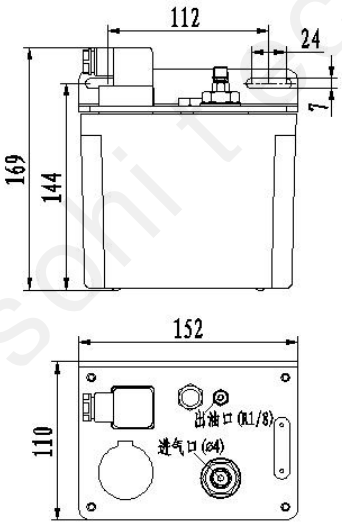
Model	P.N	Voltage	Power	Range	Discharge	Pressure	L	H	A	B	Viscosity
		VAC	W	r/min	L/min	MPa	mm				
CBZ	20175	380	180	1400	2.24	2.5	310	160	80	100	N20~ N230
	20176				3.92	2.5	305	160	80	100	

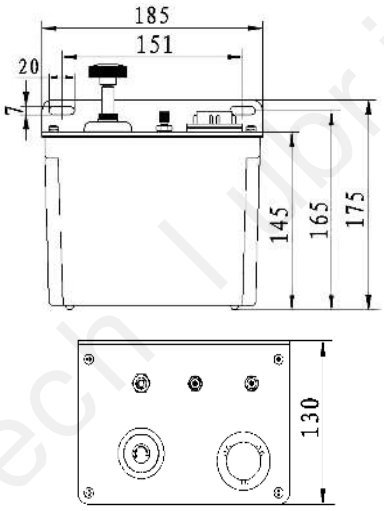
AIR Pneumatic Pump

AIR-1 Pneumatic Pump

21011

21013





Model	P.N	Pressure	discharge	Cycle	Input pressure	Ratio	Voltage	Reservoir	Viscosity
		MPa	mL/CY	Cyc/min	MPa		V	L	
AIR-1	21011	≥3.2	1.4	15	0.4~0.8	8:1		1	N20~ N200
	21012		2.6					2	
	21013	≥0.4	0~4	30		1:1			