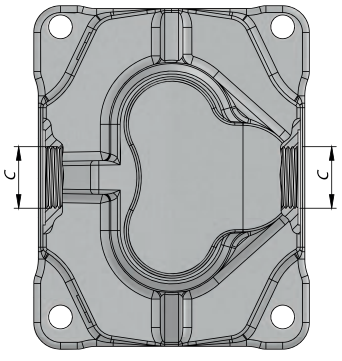
TECHNICAL DATA

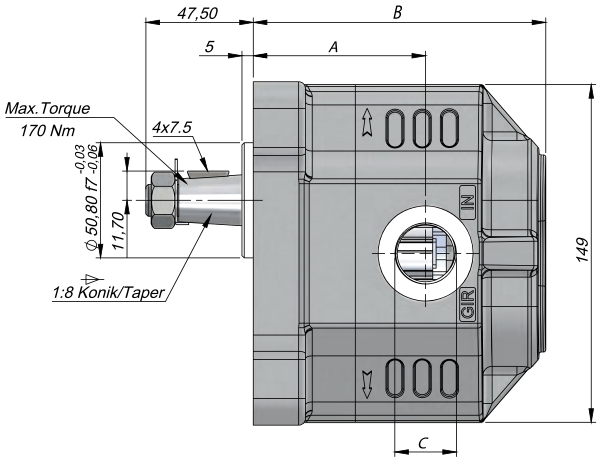
SAE FRONT FLANGE WITH SHAFT OPTIONS - BI DIRECTIONAL GEAR PUMP

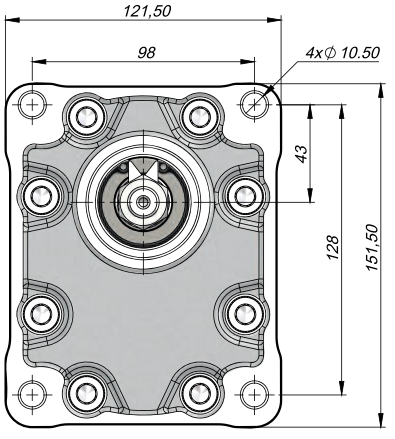
Inlet Pressure	0.7÷ 1.5 bar
Operating Viscosity Range	-12:100 cSt
Fluid Temperature	-10 °C+80 °C

Working Pressure	Contamination		Filter
	NAS 1638	ISO 4406	βx=75
≥200 bar	11	20/17	25 µm
≤200 bar	12	21/18	40 µm

HYDRAULIC SYMBOL







Code	Displacement	Max.Continuous Pressure	Max.Intermittent Pressure	Max.Peak Pressure	Max.Continuous Speed	Max.Intermittent Speed	Min.Speed	A	B	Inlet	Outlet
BD	(cm^3/rev)	(100%)(BAR)	(20 sec.max.)(BAR)	(6 sec.max.)(BAR)	(RPM)	(RPM)	(RPM)	(mm)	(mm)	C	C
K-30BD17-	17	300	310	320	2600	3000	300	65	112	G1/2"	G1/2"
K-30BD27-	27	290	300	310				70	118		
K-30BD34-	34	285	295	305	2300	2900		71	123	G3/4"	G3/4"
K-30BD43-	43	280	290	300	2100	2600		76	129		
K-30BD51-	51	230	260	280				76	134		
K-30BD61-	61	225	240	260	2000	2100		82.5	142	G1"	G1"
K-30BD82-	82	200	210	220	1700	1900		86.5	153		
K-30BD100-	100	190	200	220	1600			100.5	166	G1 1/4"	G1 1/4"
K-30BD125-	125	170	190	200				104.5	182		

Available Options

- 4 Bolt Front Flange with 1:8 Taper Shaft : Part Number K-30BD**-4B-Taper
- SAE B Front Flange with 13 Spline Shaft : Part number K-30BD**-SAE-B-13Spline
- SAE B Front Flange with Parallel Key Shaft : Part Number K-30BD**-SAE-B-25mm/pkey