

HYVA GEAR PUMPS



Hyva

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gear pump type :

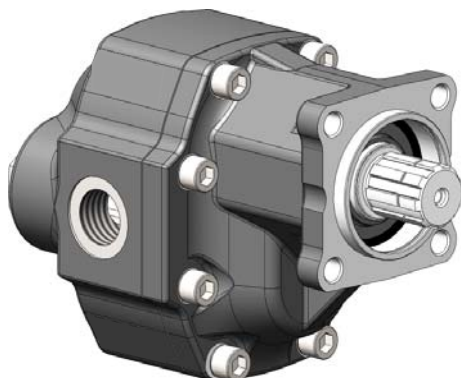
part number :

rotation :

gear pump 135L-4H-L

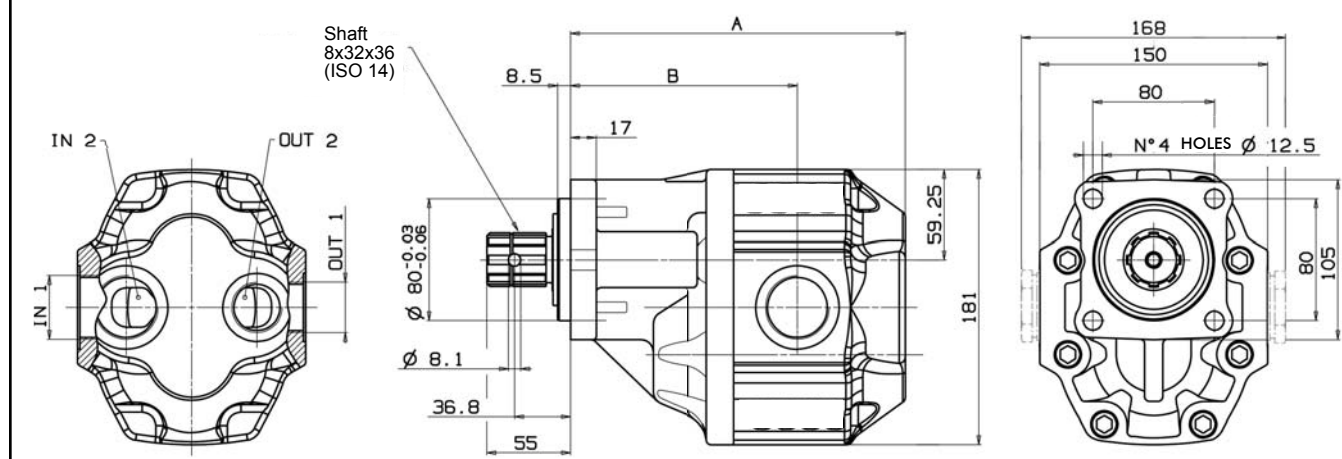
145 70 150

left



Fluid	Mineral or synthetic compatible with the following seals: NBR, FKM, FPM, Nylon				
Kinematic viscosity suggested	Average ambient temp. (°C)	< -10	-10÷10	10÷35	> 35
	VG (cSt = mm²/s)	22	32	46	68
Optimale kinematic viscosity			VG= 10 cSt ÷ 100 cSt		
Max kinematic viscosity suggested at the start-up			VG= 750 cSt		
Viscosity index suggested VI > 100		Working temperature		-15°C ÷ 100°C	
Oil filtering			> 200 bar: 10 µm < 200 bar: 25 µm		
Inlet pressure			-0,3 ÷ 2 bar		
Pump rotation			Unidirectional		
Verify that pump is, at least, 100 mm under the minimum level of the tank. Before starting the pump bleed the air.					

Dimensions in mm



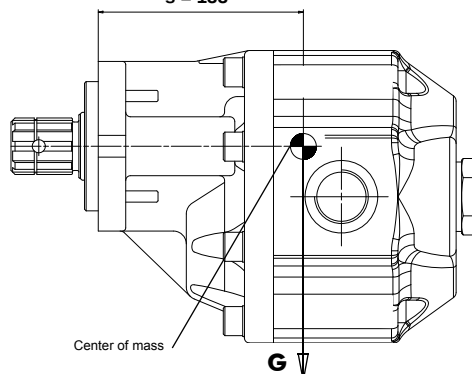
DISPLACEMENT	PRESSURE			MAX. CONTINUOUS SPEED	MAX. INTERMITTENT SPEED	MIN. SPEED	IN 1-2 ISO 228	OUT 1-2 ISO 228
	P1	P2	P3					
135,88 cm³/rev	220 bar	250 bar	260 bar	1500 rpm	2500 rpm	300 rpm	G 1 1/2	G 1

P1 = Max. continuous pressure (100%)
P2 = Max. Intermittent pressure (20 sec.max.)
P3 = Max. peak pressure (6 sec.max.)

A	B	WEIGHT
231,5 mm	152,5 mm	23,5 Kg

MASS MOMENT $M_{amm} = s \times G$ (Nm)

s = 133



G = Weight in N (Weight in Kg x 9.81)