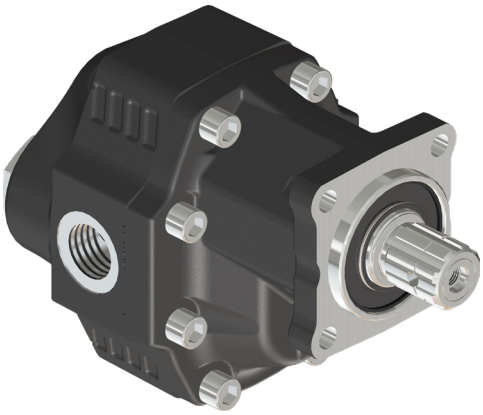
OMFB HYDRAULIC COMPONENTS

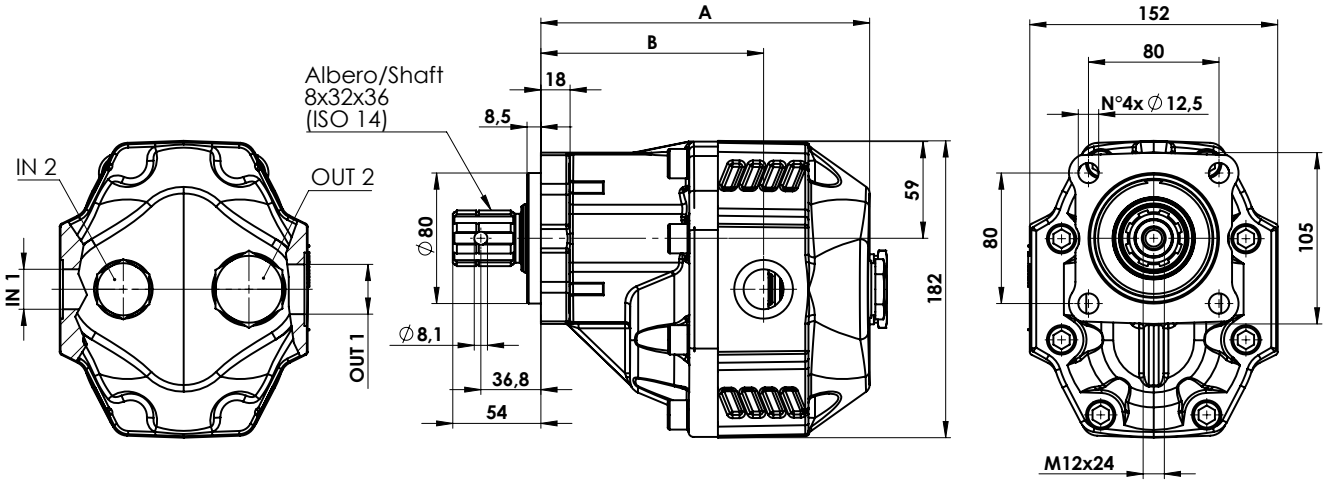
Pompe ad ingranaggi fissaggio 4 fori
4 holes hydraulic gear pumps
NPGH ISO

105012



Fluido idraulico *Fluid*	Minerale o sintetico compatibile con guarnizioni: *Mineral or synthetic compatible with the following seals:* NBR, FKM, FPM, Nylon				
Viscosità cinematica consigliata *Kinematic viscosity suggested*	T media ambiente (°C) *Average ambient temp. (°C)*	< -10	-10÷10	10÷35	> 35
	VG (cSt = mm^2/s)	22	32	46	68
Viscosità cinematica ottimale di esercizio *Optimale kinematic viscosity*			VG= 10 cSt ÷ 100 cSt		
Viscosità cinematica max consentita all'avviamento *Max kinematic viscosity suggested at the start-up*			VG= 750 cSt		
Indice di viscosità consigliato *Viscosity index suggested* VI > 100			Temperatura di esercizio *Working temperature* -15°C +100°C		
Grado di filtrazione *Oil filtering*			> 200 bar: 10 µm < 200 bar: 25 µm		
Pressione di aspirazione *Inlet pressure*			-0,3 ÷ 2 bar		
Senso di rotazione *Pump rotation*			Unidirezionale *Unidirectional*		

Ingombro / *Dimensions*



Dati tecnici / *Technical data*

Tipo pompa *Pump type*	Rotazione *Rotation*		IN 1 IN 2	OUT 1 OUT 2	A	B	Peso *Weight*
	Destra / *Right*	Sinistra / *Left*	ISO 228	ISO 228	mm	mm	Kg
NPGH-63	**10501210636**	**10501210645**	G 1	G 3/4	201.5	136.5	19
NPGH-73	**10501210734**	**10501210743**			205.5	140.5	21
NPGH-84	**10501210841**	**10501210850**	G 1 1/4	G 1	209.5	141	21.5
NPGH-100	**10501211000**	**10501211019**			215.5	144.5	22
NPGH-116	**10501211162**	**10501211171**			221.5	150.5	22.5
NPGH-133	**10501211331**	**10501211340**	G 1 1/2		231.5	152.5	23.5
NPGH-150	**10501211500**	**10501211519**			236.5	157.5	24

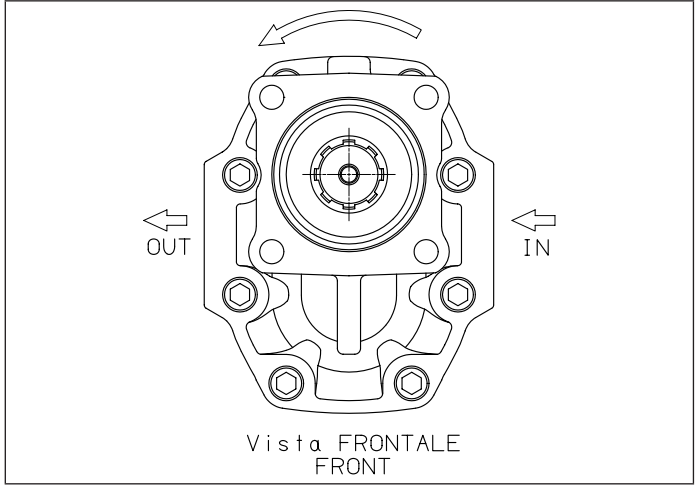
Caratteristiche tecniche di funzionamento / *Technical features*

Tipo pompa *Pump type*	Cilindrata *Displacement* cm³/rev	Pressione *Pressure* P1 bar	P2 bar	P3 bar	Velocità max. continua *Max. continuous speed* rpm	Velocità max. intermittente *Max. intermittent speed* rpm	Velocità min. *Min. speed* rpm
NPGH-63	63.70	290	315	325	1800	2700	300
NPGH-73	74.87	280	300	315			
NPGH-84	85.96	260	280	290			
NPGH-100	102.60	250	270	280			
NPGH-116	119.24	240	260	270	1500	2500	
NPGH-133	135.88	220	250	260			
NPGH-150	149.75	180	210	220			

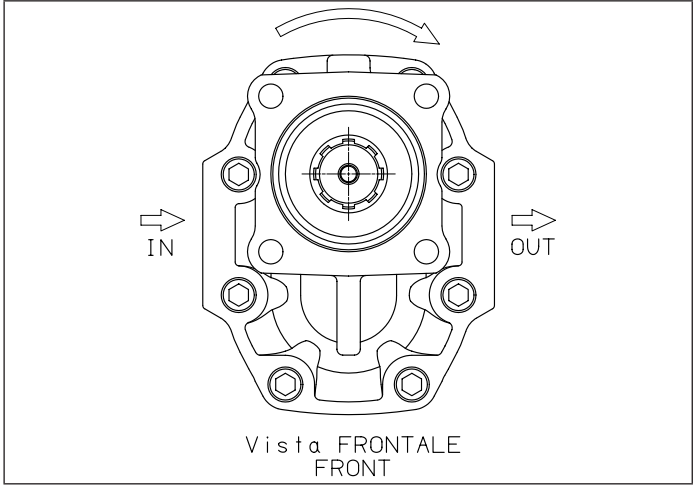
P1=Pressione max.continua — *Max. continuous pressure* — (100%)
P2=Pressione max. intermittente — *Max. Intermittent pressure* — (20 sec.max.)
P3=Pressione max. di punta — *Max. peak pressure* — (6 sec.max)

Identificazione aspirazione/mandata / *Suction/delivery identification*

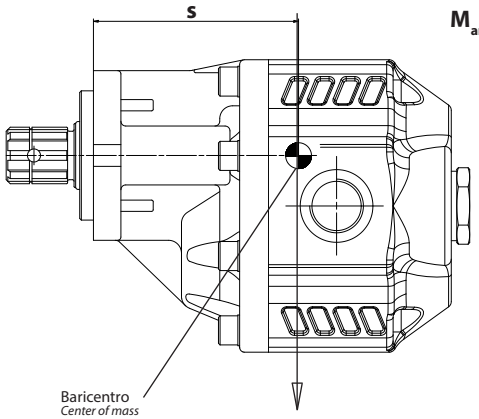
Rotazione antioraria, pompa sinistra
Anti-clockwise rotation, left pump



Rotazione oraria, pompa destra
Clockwise rotation, right pump



MOMENTO PESO / *MASS MOMENT*



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

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

Tipo pompa - *Pump type*	S
NPGH-63	116
NPGH-73	119
NPGH-84	122
NPGH-100	126
NPGH-116	129
NPGH-133	133
NPGH-150	138

PER MODIFICARE IL SENSO DI ROTAZIONE VEDERE ISTRUZ. 99700200042
TO CHANGE THE DIRECTION OF ROTATION SEE INSTRUCTION 99700200042

LA POMPA E' MUNITA DI PARAOLIO BIDIREZIONALE E DI CUSCINETTI A RULLI CONICI SULL'ALBERO DI USCITA
THE PUMP IS COMPLETE WITH DOUBLE OIL-SEAL AND TAPERED ROLLER BEARING ON THE OUTPUT SHAFT

Link:
Ricambi/*Spare parts*
Istruzione/*Instruction*