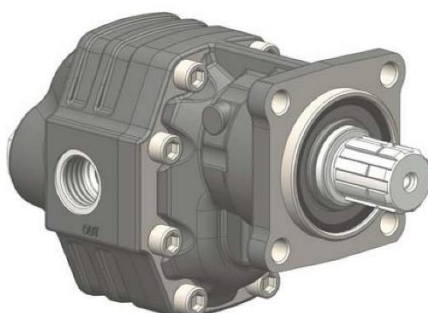
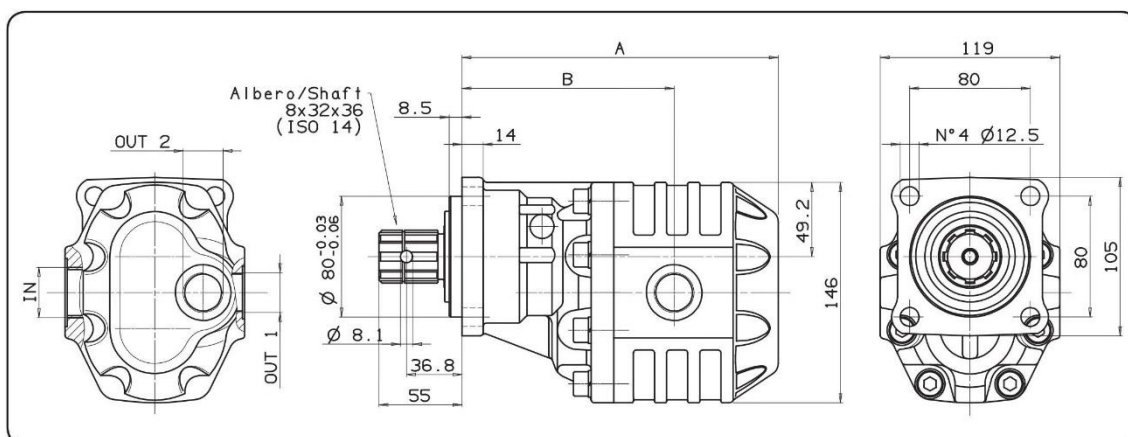


**POMPE AD INGRANAGGI
FISSAGGIO 4 FORI-ISO**
4 HOLES-ISO HYDRAULIC GEAR PUMPS
CODICE FAMIGLIA 105-011
 FAMILY CODE

NPH ISO


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 = mm²/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	
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 (DX o SX) Unidirectional (Right or Left)	



Tipo pompa Pump type	Rotazione Rotation		IN	OUT 1	OUT 2	A	B	Peso Weight
	Destra Right	Sinistra Left						
NPH-17	105-011-10173	105-011-10182	G 1/2	G 1/2		168.5	119.5	11
NPH-22	105-011-10226	105-011-10235				172	121.5	11.5
NPH-27	105-011-10271	105-011-10280	G 3/4			174.5	124	12
NPH-34	105-011-10342	105-011-10351				179.5	125	13
NPH-43	105-011-10431	105-011-10441	G1			185.5	130	13.5
NPH-51	105-011-10511	105-011-10520				190.5	130.5	14
NPH-61	105-011-10619	105-011-10628	G1			196.5	136.5	14.5
NPH-73	105-011-10735	105-011-10744				204.5	135.5	15
NPH-82	105-011-10824	105-011-10833	G1 1/4			209.5	140.5	15.5
NPH-100	105-011-11001	105-011-11010		G 1	G 3/4	226.5	154.5	15
NPH-125	105-011-11252	105-011-11261				242.5	158.5	17

NPH ISO

POMPE AD INGRANAGGI
GEAR PUMPS

105-011

CARATTERISTICHE TECNICHE DI FUNZIONAMENTO - TECHNICAL FEATURES

Tipo pompa Pump type	Cilindrata Displacement cm ³ /rev	Pressione Pressure			Velocità max. continua Max. continuous speed rpm	Velocità max. intermittente Max. intermittent speed rpm	Velocità min. Min. speed rpm
		P1 bar	P2 bar	P3 bar			
NPH-17	17.04	290	315	325	2500	3000	300
NPH-22	22.15						
NPH-27	26.18						
NPH-34	33.88	280	300	310	2200	2800	
NPH-43	43.12	270	290	300	2000	2500	
NPH-51	50.82	240	260	280	1800	2000	
NPH-61	60.06	220	240	250	1600	1800	
NPH-73	72.88	200	220	230	1500	1800	
NPH-82	81.08	190	210	220	1500	1800	
NPH-100	98.18	180	200	200	1500	1800	
NPH-125	122.72	160	180	200	1500	1800	

P1=Pressione max.continua

Max. continuous pressure

(100%)

P2=Pressione max. intermittente

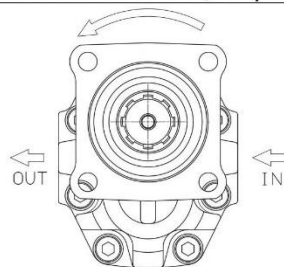
Max. Intermittent pressure

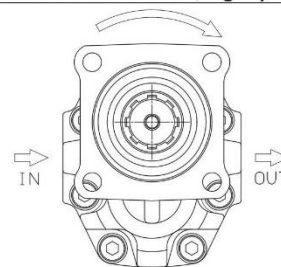
(20 sec.max.)

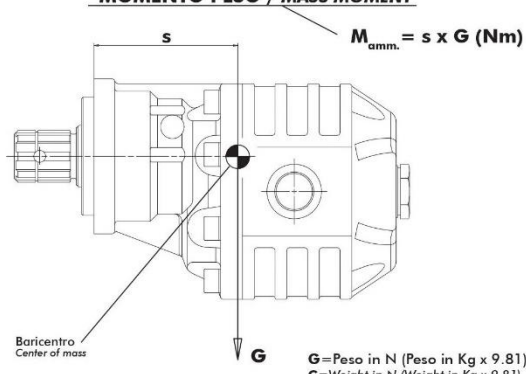
P3=Pressione max. di punta

Max. peak pressure

(6 sec.max)

SENSO DI ROTAZIONE POMPA - DIRECTION OF ROTATION:
Rotazione antioraria, pompa sinistra
Anti-clockwise rotation, left pump

Vista FRONTALE
FRONT

Rotazione oraria, pompa destra
Clockwise rotation, right pump

Vista FRONTALE
FRONT

MOMENTO PESO / MASS MOMENT


Tipo pompa - Pump type	S
NPH-17	93
NPH-22	94
NPH-27	96
NPH-34	99
NPH-43	101
NPH-51	103
NPH-61	106
NPH-73	110
NPH-82	113
NPH-100	121
NPH-125	130

PER MODIFICARE IL SENSO DI ROTAZIONE VEDERE ISTRUZ. 997-2-42
TO CHANGE THE DIRECTION OF ROTATION SEE INSTRUCTION 997-2-42

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