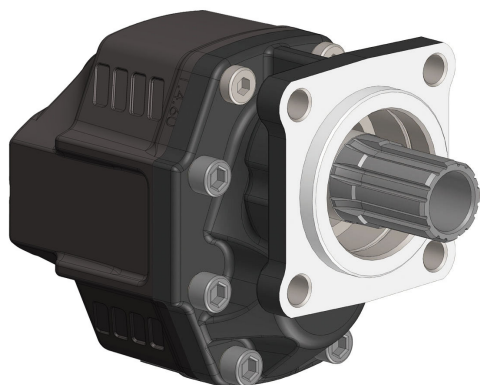
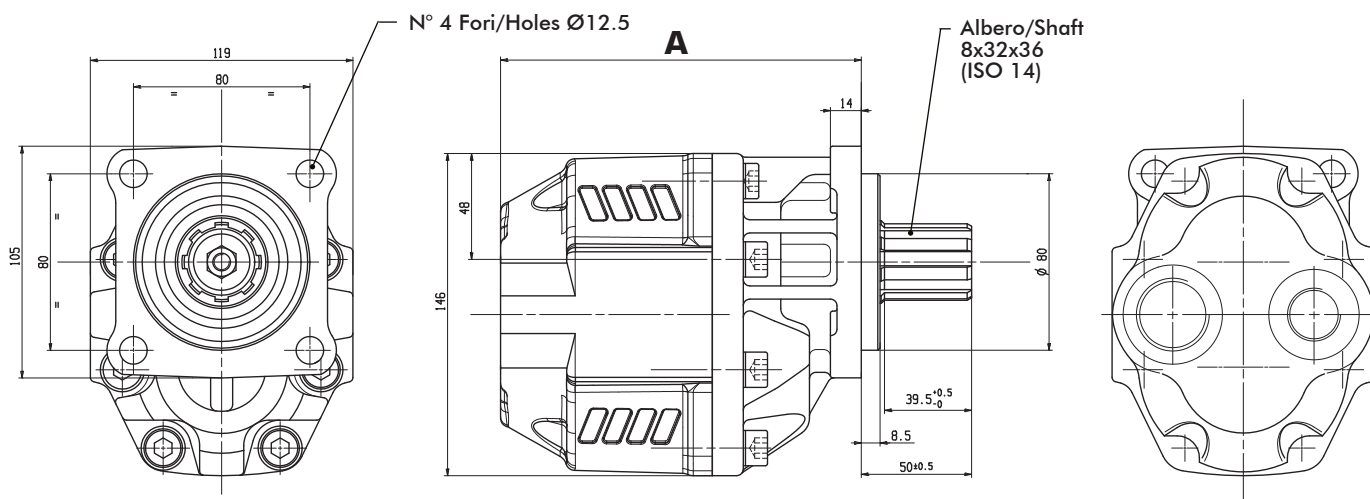




Fluido idraulico <i>Fluid</i>	Minerale o sintetico compatibile con guarnizioni: <i>Mineral or synthetic compatible with the following seals:</i> NBR, FKM, FPM, Nylon				
Viscosità cinematica consigliata <i>Kinematic viscosity suggested</i>	T media ambiente (°C) <i>Average ambient temp. (°C)</i>	< -10	-10÷10	10÷35	> 35
	VG (cSt = mm²/s)	22	32	46	68
Viscosità cinematica ottimale di esercizio <i>Optimale kinematic viscosity</i>			VG= 10 cSt ÷ 100 cSt		
Viscosità cinematica max consentita all'avviamento <i>Max kinematic viscosity suggested at the start-up</i>			VG= 750 cSt		
Indice di viscosità consigliato <i>Viscosity index suggested</i>		VI > 100	Temperatura di esercizio <i>Working temperature</i>		
			-15°C +100°C		
Grado di filtrazione <i>Oil filtering</i>			> 200 bar: 10 µm < 200 bar: 25 µm		
Pressione di aspirazione <i>Inlet pressure</i>			-0,3 ÷ 2 bar		
Senso di rotazione <i>Pump rotation</i>			Unidirezionale <i>Unidirectional</i>		

Ingombro / Dimensions

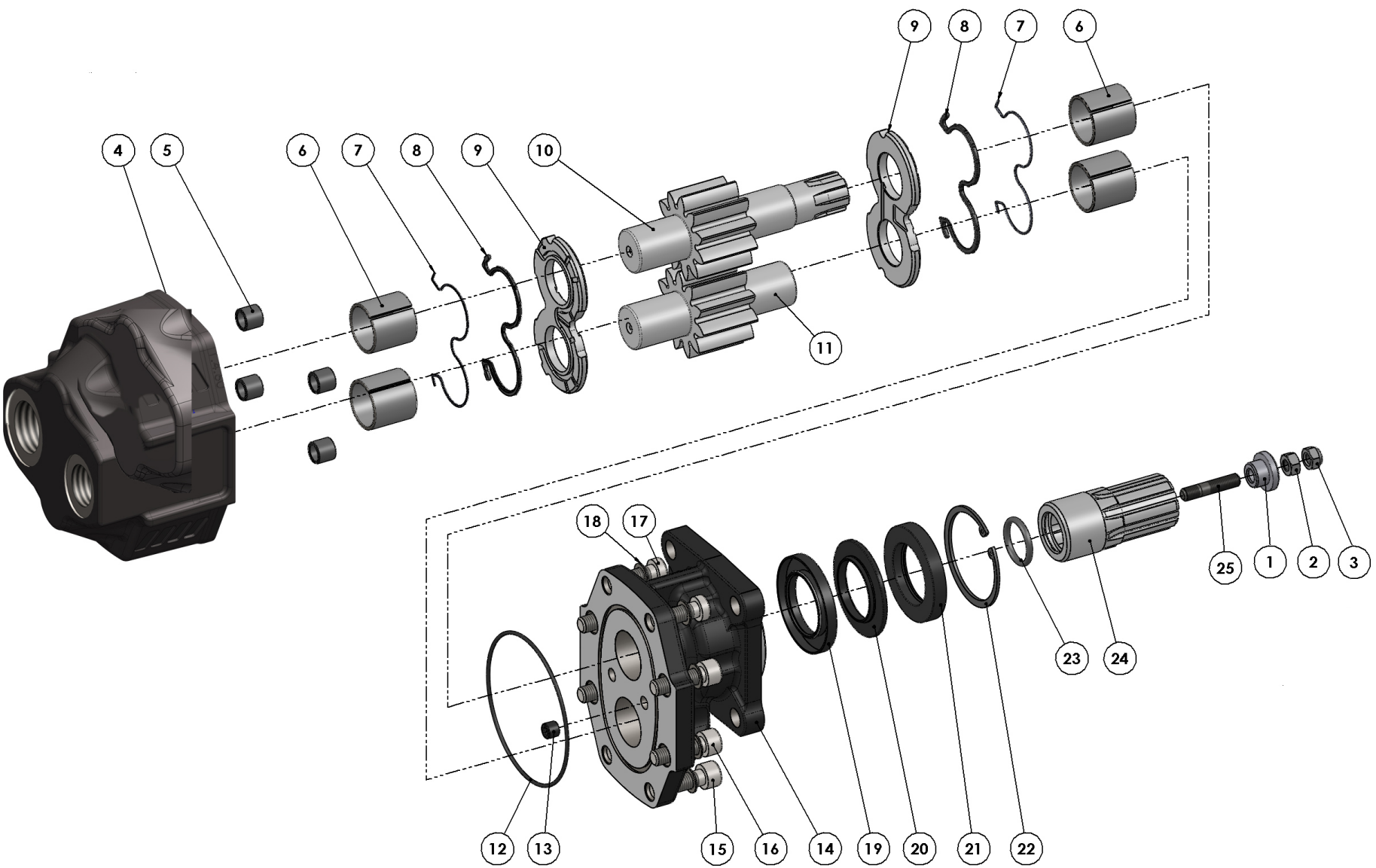


Dati tecnici / Technical data

Tipo pompa Pump type	Rotazione / Rotation		IN ISO 228	OUT ISO 228	A mm	Peso Weight Kg
	Destra / Right	Sinistra / Left				
NPH-51	10503700513	10503700504	G 1	G 3/4	157,5	12
NPH-61	10503700611	10503700602			163,5	12,4
NPH-82	10503700835	10503700823			176,5	13,2



POMPE DA NON UTILIZZARE CON CARICHI ASSIALI E RADIALI SULL'ALBERO
NO AXIAL AND RADIAL LOADS ALLOWED ON PUMP SHAFT



N°	51	61	82	Codice/Code	Descrizione / Description		Q.
1	.	.	.	53000500127	Distanziale	Spacer	1
2	.	.	.	50500300033	Dado M8 UNI 5588	Nut M8 UNI 5588	1
3	.	.	.	50501000089	Dado atb M8	Nut M8	1
4	.			51701800514	Corpo pompa	Gear housing	1
		.		51701800612			
			.	51701800828			
5	.	.	.	50100300282	Spine forate di centraggio 14x12.5	Pins 14x12.5	4
6	.	.	.	53300400033	Boccole autolub. 28x32x30	Bushing 28x32x30	4
7	.	.	.	50600001097	Guarnizione antiestrusione	Back-up ring	2
8	.	.	.	50600001088	Guarnizione per rasamento	Thrust plate seal	2
9	.	.	.	51001000293	Rasamento a occhiale	Thrust plate	2
10	.			52302700519	Albero dentato conduttore	Drive shaft	1
		.		52302700617			
			.	52302700822			
11	.			52302100515	Albero dentato condotto	Driven shaft	1
		.		52302100613			
			.	52302100828			
12	.	.	.	50600001579	Guarnizione OR 95x99x2	O-Ring 95x99x2	1
13	.	.	.	50401000063	Grano conico 1/8"	Plug 1/8"	1
14	.	.	.	51800300225	Coperchio anteriore	Mounting cover	1
15	.	.	.	50200400574	Vite TCE M10x40 UNI 5931	Screw M10x40 UNI 5931	2
16	.	.	.	50200400565	Vite TCE M10x35 UNI 5931	Screw M10x35 UNI 5931	4
17	.	.	.	50200000514	Vite TCE M10x35 DIN 7984	Screw M10x35 DIN 7984	2
18	.	.	.	50102000101	Rondella elastica Schnorr tipo S	Washer Schnorr S type	8
19	.	.	.	50602138624	Paraolio alta pressione 38x62x9	Oil seal high pressure 38x62x9	1
20	.	.	.	50602238623	Anello paraolio alta pressione	Oil seal ring high pressure	1
21	.	.	.	50600738627	Guarnizione paraolio 38x62x7	Oil seal 38x62x7	1
22	.	.	.	50100100588	Anello seeger 62 I	Seeger ring 62 I	1
23	.	.	.	50600300059	Guarnizione OR 4100	O-Ring 4100	1
24	.	.	.	11400500209	Manicotto	Coupling	1
25	.	.	.	50300300171	Prigioniero M8x35 UNI 5911	Stud bolt M8x28 UNI 5911	1

CARATTERISTICHE TECNICHE DI FUNZIONAMENTO - TECHNICAL FEATURES

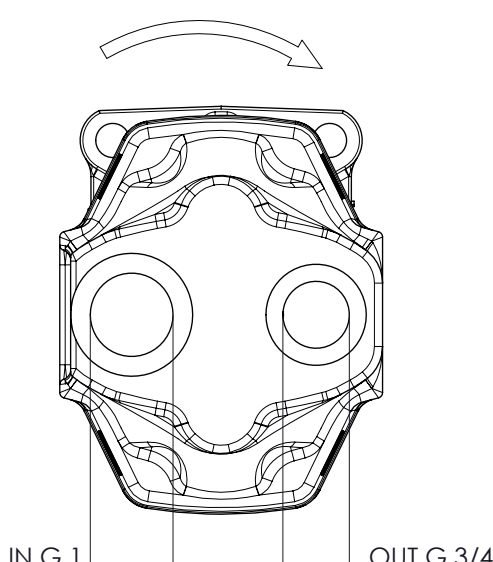
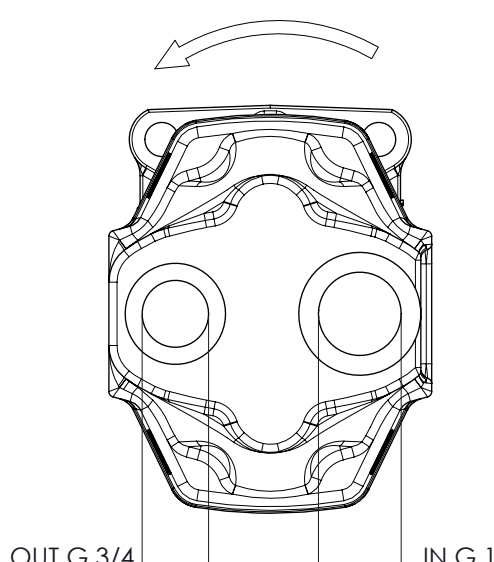
Tipo pompa Pump type	Cilindrata Displacement	Pressione Pressure			Velocità max. continua Max. continuous speed	Velocità max. intermittente Max. intermittent speed	Velocità min. Min. speed
		P1	P2	P3			
		cm ³ /rev	bar	bar	bar	rpm	rpm
NPH-51	50.82	240	260	280	2000	2500	300
NPH-61	60.06	220	240	250	1800	2000	
NPH-82	81.08	190	210	220	1500	1800	

P1=Pressione max.continua
P2=Pressione max. intermittente
P3=Pressione max. di punta

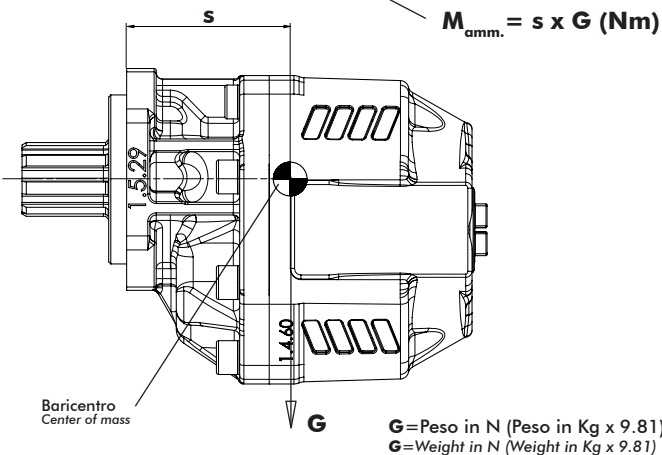
Max. continuous pressure
Max. Intermittent pressure
Max. peak pressure

(100%)
(20 sec.max.)
(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



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
NPH-51	84
NPH-61	87
NPH-82	95

PER MODIFICARE IL SENSO DI ROTAZIONE VEDERE ISTRUZ. 99700200042

TO CHANGE THE DIRECTION OF ROTATION SEE INSTRUCTION 99700200042