

**POMPE AD INGRANAGGI
4 FORI - ISO CON
UTILIZZI POSTERIORI E LATERALI**
**4 HOLES - ISO GEAR PUMPS
WITH REAR AND SIDE PORTS**

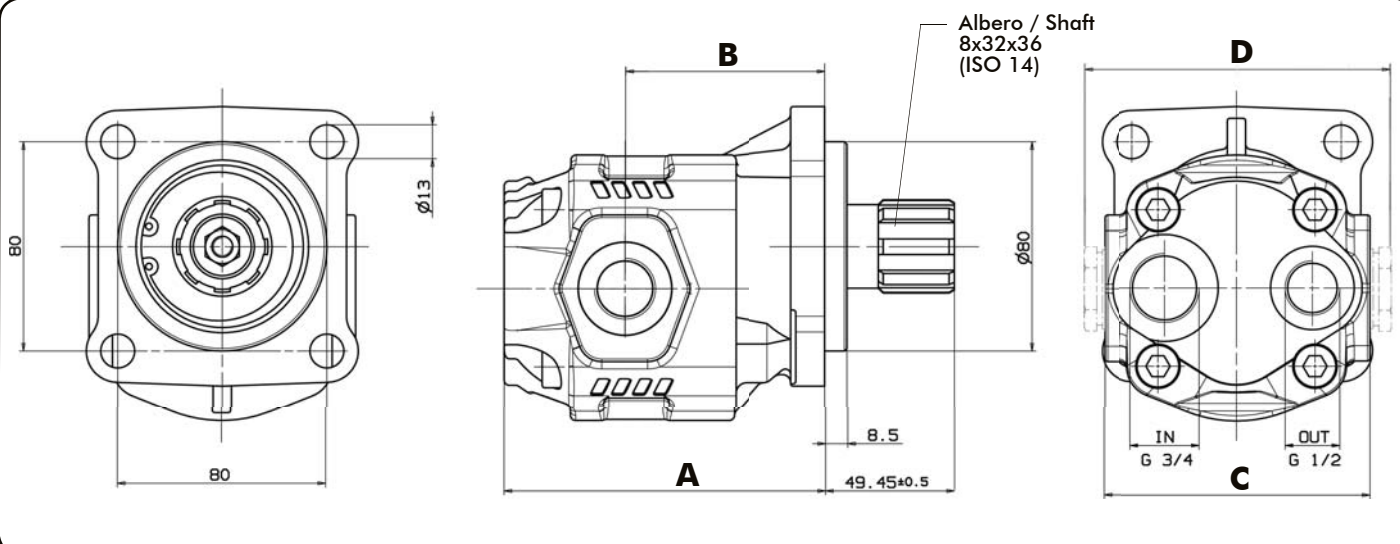
CODICE FAMIGLIA
FAMILY CODE

105-003

NPLU ISO



Fluido idraulico Fluid	Minerale o sintetico compatibile con guarnizioni: Mineral or synthetic compatible with the following seals: NBR, FKM, FPM, Nylon, HNBR				
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		
			-40°C + 140°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		



Tipo pompa Pump type	Rotazione Rotation		IN ISO 228	OUT ISO 228	A mm	B mm	C mm	D mm	Peso Weight Kg
	Sinistra Left	Destra Right							
NPLU-10	105-003-40104	105-003-40113	G 3/4	G 1/2	114	80	98	116	6
NPLU-12	105-003-40122	105-003-40131							6.2
NPLU-14	105-003-40140	105-003-40159			120	74			6.9
NPLU-16	105-003-40168	105-003-40177			123.5	77.5			7.2
NPLU-20	105-003-40202	105-003-40211			130	84	102	120	7.8
NPLU-25	105-003-40257	105-003-40266			138	89			8.4
NPLU-32	105-003-40328	105-003-40337			149	100			9.2
NPLU-40	105-003-40408	105-003-40417			164	111	106	124	10.2



POMPE DA NON UTILIZZARE CON CARICHI ASSIALI E RADIALI SULL'ALBERO

NO AXIAL AND RADIAL LOADS ALLOWED ON PUMP SHAFT

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HYDRAULIC COMPONENTS

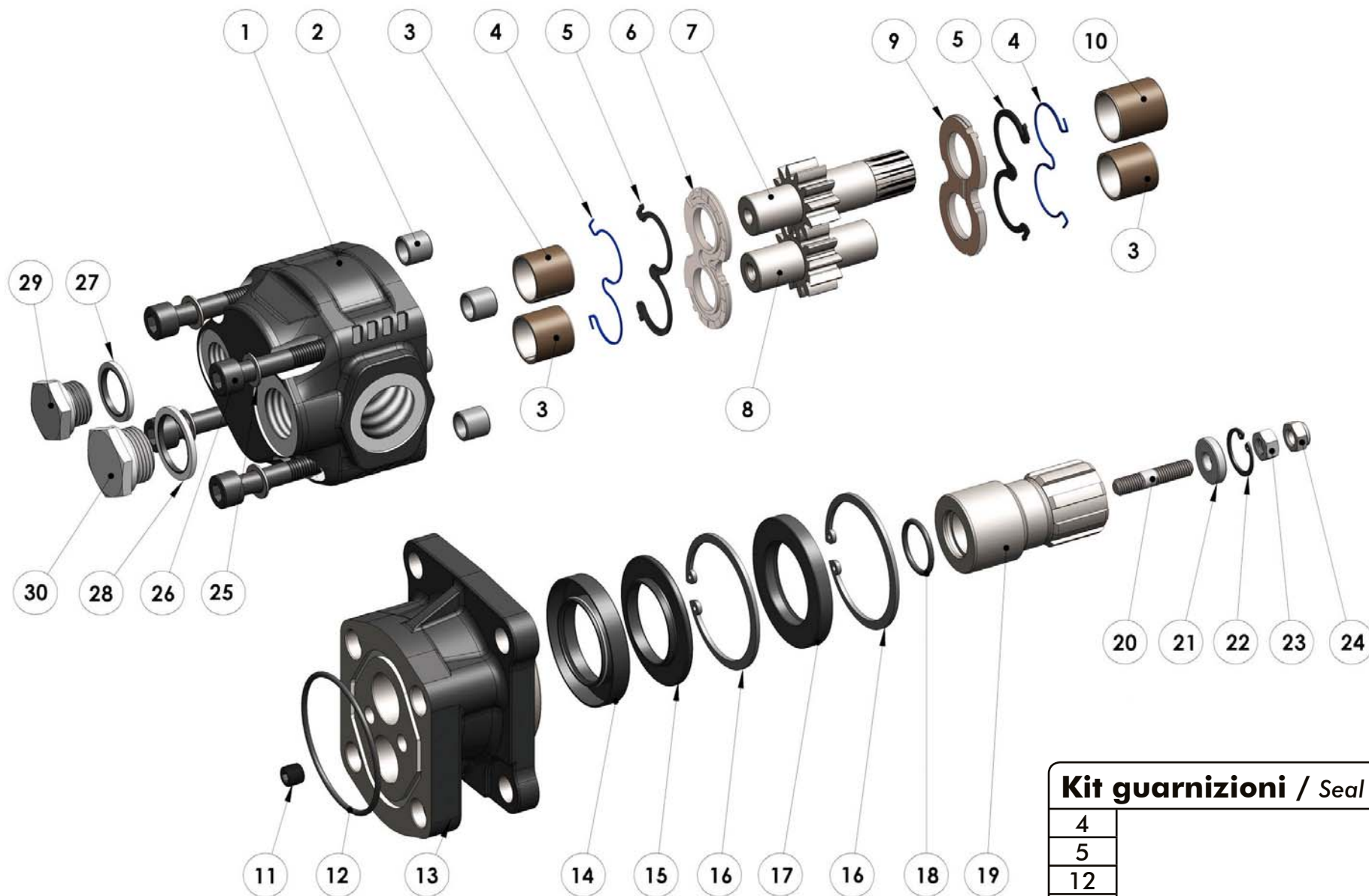
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**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO/TS 16949 =**

Codice fascicolo: 997-400-10510

Data: Venerdì 3 febbraio 2017

Codice foglio: 997-105-00330 Rev.: AE

**Kit guarnizioni / Seal Kit**

4	105-900-00642
5	
12	
14	
15	
17	
18	

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N°	10	12	14	16	20	25	32	40	Codice/ Code	Descrizione / Description		Q.
1	.	.	.	.	.	.	.	.	517-027-60109	Corpo pompa	Gear housing	
	.	.	.	.	.	.	.	.	517-027-60127			
	.	.	.	.	.	.	.	.	517-027-60145			
	.	.	.	.	.	.	.	.	517-027-60163			
	.	.	.	.	.	.	.	.	517-027-60207			
	.	.	.	.	.	.	.	.	517-027-60252			
	.	.	.	.	.	.	.	.	517-027-60323			
2	.	.	.	.	.	.	.	.	517-027-60403	Spine forate di centraggio 14x12.5	Pins 14x12.5	4
3	.	.	.	.	.	.	.	.	501-003-00282			
3	.	.	.	.	.	.	.	.	533-004-00122			
4	.	.	.	.	.	.	.	.	533-004-00239			
5	.	.	.	.	.	.	.	.	506-999-02372			
5	.	.	.	.	.	.	.	.	506-000-02836			
6	.	.	.	.	.	.	.	.	510-010-00382A			
7	.	.	.	.	.	.	.	.	523-015-00102	Albero dentato conduttore	Drive shaft	
	.	.	.	.	.	.	.	.	523-015-00120			
	.	.	.	.	.	.	.	.	523-015-00148			
	.	.	.	.	.	.	.	.	523-015-00166			
	.	.	.	.	.	.	.	.	523-015-00200			
	.	.	.	.	.	.	.	.	523-015-00255			
	.	.	.	.	.	.	.	.	523-015-00326			
8	.	.	.	.	.	.	.	.	523-015-00406	Albero dentato condotto	Driven shaft	
	.	.	.	.	.	.	.	.	523-015-00111			
	.	.	.	.	.	.	.	.	523-015-00139			
	.	.	.	.	.	.	.	.	523-015-00157			
	.	.	.	.	.	.	.	.	523-015-00175			
	.	.	.	.	.	.	.	.	523-015-00219			
	.	.	.	.	.	.	.	.	523-015-00264			
9	.	.	.	.	.	.	.	.	523-015-00335	Rasamento ad occhiole bronzo/acciaio	Thrust plate bronze/steel	1
10	.	.	.	.	.	.	.	.	523-015-00415			
10	.	.	.	.	.	.	.	.	510-010-00248A			
11	.	.	.	.	.	.	.	.	533-004-00113			
11	.	.	.	.	.	.	.	.	504-010-00063			
12	.	.	.	.	.	.	.	.	506-002-00701			
13	.	.	.	.	.	.	.	.	518-003-00287			
14	.	.	.	.	.	.	.	.	518-003-00401	Coperchio anteriore	Mounting cover	1
15	.	.	.	.	.	.	.	.	506-021-38624	Guarnizione paraolio	Oil seal	1
	.	.	.	.	.	.	.	.	506-022-38623	Anello schermo paraolio	Ring	1
16	.	.	.	.	.	.	.	.	501-001-00588	Anello elastico	Circlip	2
17	.	.	.	.	.	.	.	.	506-007-38627	Guarnizione paraolio	Oil seal	1
18	.	.	.	.	.	.	.	.	506-002-00176	Guarnizione OR	O-Ring	1
19	.	.	.	.	.	.	.	.	114-005-00227	Manicotto	Coupling	1
20	.	.	.	.	.	.	.	.	503-003-00028	Prigioniero M8x28 UNI 5911	Stud M8x28 UNI 5911	1
21	.	.	.	.	.	.	.	.	529-004-00774	Rondella 8.4x22x4.5	Washer 8.4x22x4.5	1
22	.	.	.	.	.	.	.	.	501-001-00186	Anello elastico 62 l	Circlip 62 l	1
23	.	.	.	.	.	.	.	.	505-003-00033	Dado M8 UNI 5588	Nut M8 UNI 5588	
24	.	.	.	.	.	.	.	.	505-010-00089	Dado autobloccante M8 UNI 7474	Nut M8 UNI 7474	
25	.	.	.	.	.	.	.	.	501-020-00101	Rondella elastica	Washer	4
26	.	.	.	.	.	.	.	.	502-004-00609	Vite TCE M10x55 UNI 5931 12.9	Screw TCE M10x55 UNI 5931 12.9	4
27	.	.	.	.	.	.	.	.	502-004-10652	Vite TCE M10x65 UNI 5931 12.9	Screw TCE M10x65 UNI 5931 12.9	4
28	.	.	.	.	.	.	.	.	502-004-10705	Vite TCE M10x70 UNI 5931 12.9	Screw TCE M10x70 UNI 5931 12.9	4
	.	.	.	.	.	.	.	.	502-004-10803	Vite TCE M10x80 UNI 5931 12.9	Screw TCE M10x80 UNI 5931 12.9	4
	.	.	.	.	.	.	.	.	502-004-10901	Vite TCE M10x90 UNI 5931 12.9	Screw TCE M10x90 UNI 5931 12.9	4
	.	.	.	.	.	.	.	.	502-004-00690	Vite TCE M10x100 UNI 5931 12.9	Screw TCE M10x100 UNI 5931 12.9	4
	.	.	.	.	.	.	.	.	116-009-10129	Rondella acciaio/gomma G 1/2"	Washer	2
	.	.	.	.	.	.	.	.	116-009-10343	Rondella acciaio/gomma G 3/4"	Washer	2
	.	.	.	.	.	.	.	.	540-002-00110	Tappo TE G 1/2"	Plug	2
29	.	.	.	.	.	.	.	.	540-002-00129	Tappo TE G 3/4"	Plug	2
30	.	.	.	.	.	.	.	.				

CARATTERISTICHE TECNICHE DI FUNZIONAMENTO**TECHNICAL FEATURES**

Tipo pompa Pump type	Cilindrata Displacement cm³/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			
NPLU-10	10,06	280	310	325	2200	3000	300
NPLU-12	11,92						
NPLU-14	13,8						
NPLU-16	16,03						
NPLU-20	20,12	260	280	290	2000	2800	
NPLU-25	25,15	220	250	260			
NPLU-32	32,04	190	210	220			
NPLU-40	39,93	160	180	190			

P1=Pressione max.continua

P2=Pressione max. intermittente

P3=Pressione max. di punta

Max. continuous pressure

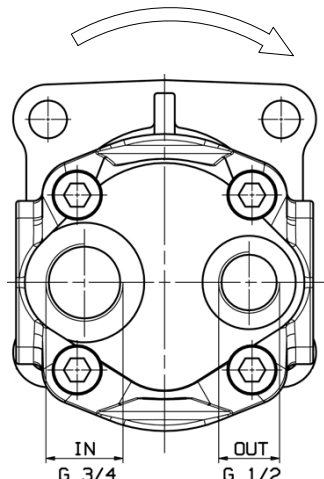
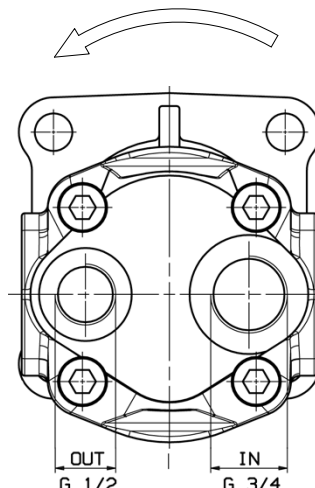
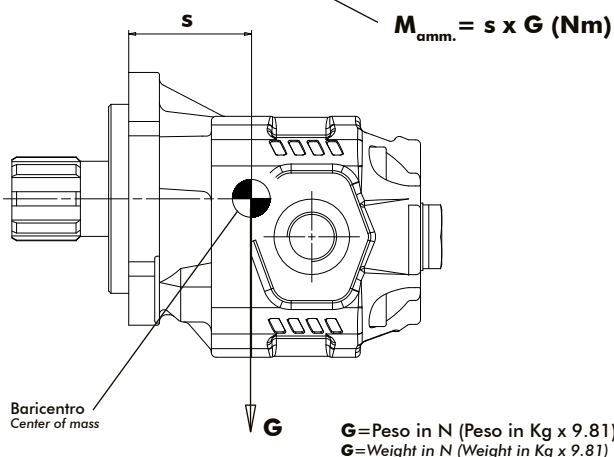
Max. Intermittent pressure

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**

Tipo pompa - Pump type	S
NPLU-10	52
NPLU-12	54
NPLU-14	55
NPLU-16	55.8
NPLU-20	57.4
NPLU-25	60
NPLU-32	69.1
NPLU-40	78.2