

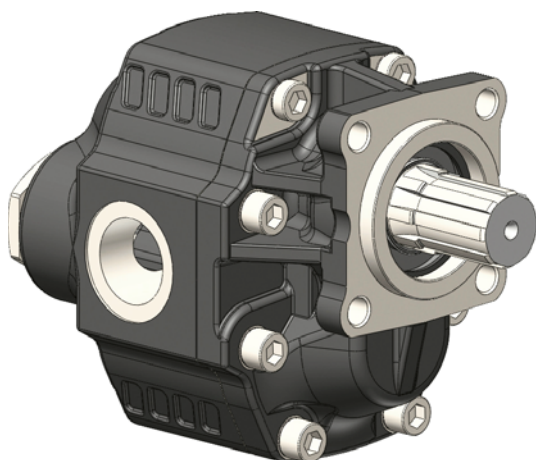
POMPE AD INGRANAGGI FISSAGGIO 4 FORI-ISO

4 HOLES-ISO HYDRAULIC GEAR PUMPS

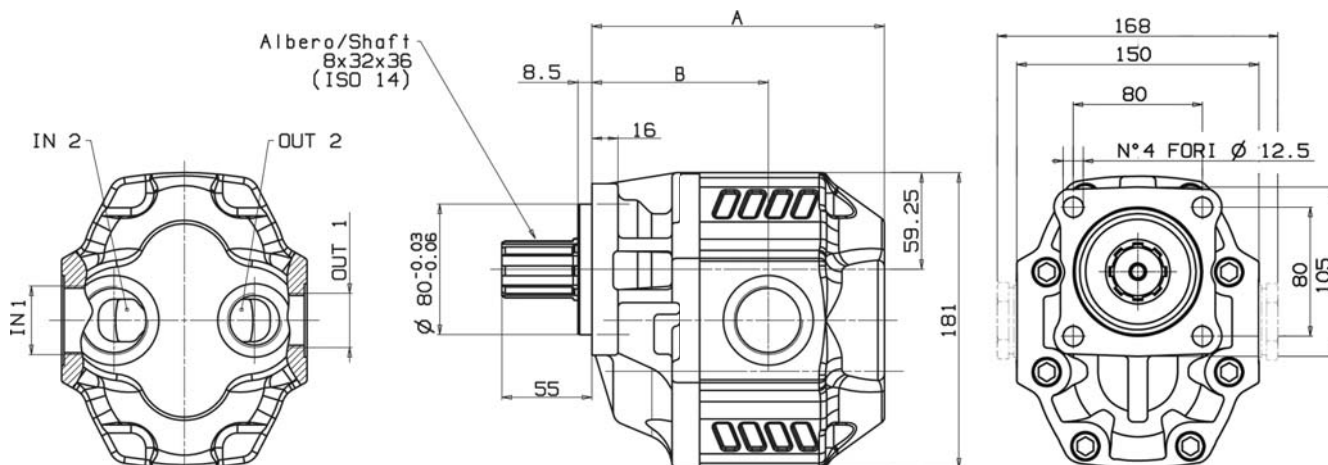
CODICE FAMIGLIA
FAMILY CODE

105-040

NPGH ISO-SHORT



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		
			-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 (DX o SX) Unidirectional (Right or Left)		



Tipo pompa <i>Pump type</i>	Rotazione <i>Rotation</i>		IN 1 IN 2	OUT 1 OUT 2	A	B	Peso <i>Weight</i>
	Destra <i>Right</i>	Sinistra <i>Left</i>					
			ISO 228	ISO 228	mm	mm	Kg
NPGH-63	105-040-00634	105-040-00643	G 1	G 3/4	160	95	18
NPGH-73	105-040-00723	105-040-00732			164	99	20
NPGH-84	105-040-00849	105-040-00858	G 1 1/4	G 1	168	99.5	20.4
NPGH-100	105-040-01008	105-040-01017			174	103	20.8
NPGH-116	105-040-01160	105-040-01179			180	109	21.3
NPGH-133	105-040-01320	105-040-01339	G 1 1/2		190	111	22.3
NPGH-150	105-040-01508	105-040-01517			195	116	22.7



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

NO AXIAL AND RADIAL LOADS ALLOWED ON PUMP SHAFT

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Codice fascicolo: 997-400-10510

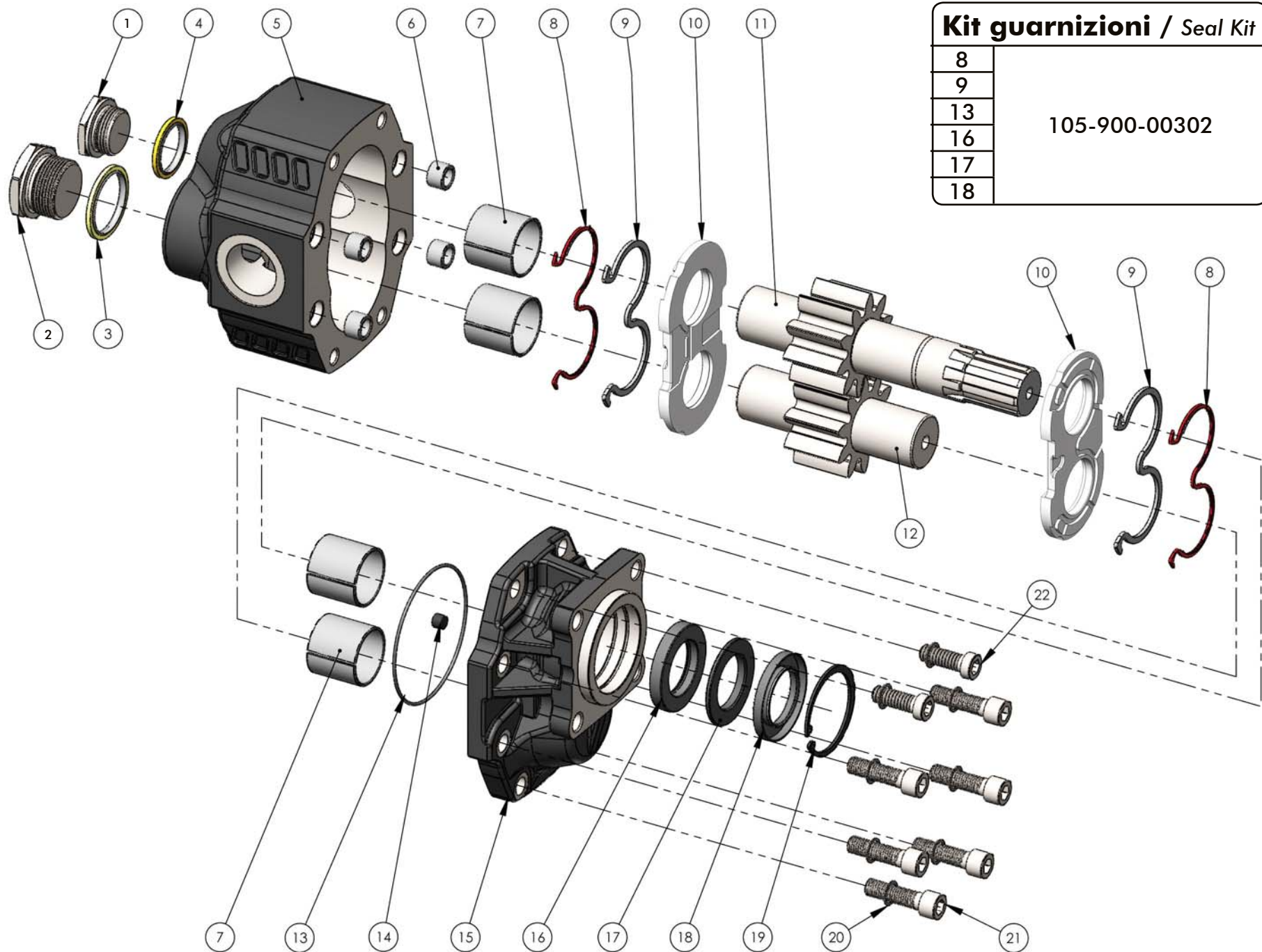
Data: Venerdì 3 febbraio 2017

Rev: AH

Codice foglio: 997-105-04001

Kit guarnizioni / Seal Kit

8	105-900-00302
9	
13	
16	
17	
18	



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N° N°	63	73	84	100	116	133	150	Codice P. Number	Descrizione Description		Quantità Quantity
1	•	•						540-002-00129	Tappo acciaio 3/4"	Steel plug 3/4"	1
			•	•	•	•	•	540-002-00138	Tappo acciaio 1"	Steel plug 1"	
2	•	•						540-002-00138	Tappo acciaio 1"	Steel plug 1"	1
			•	•	•			540-002-00165	Tappo acciaio 1"1/4	Steel plug 1"1/4	
						•	•	540-002-00174	Tappo acciaio 1"1/2	Steel plug 1"1/2	
3	•	•						116-009-11002	Rondella acciaio-gomma 1"	Steel-rubber washer 1"	1
			•	•	•			116-009-11137	Rondella acciaio-gomma 1"1/4	Steel-rubber washer 1"1/4	
						•	•	116-009-11208	Rondella acciaio-gomma 1"1/2	Steel-rubber washer 1"1/2	
4	•	•						116-009-10343	Rondella acciaio-gomma 3/4"	Steel-rubber washer 3/4"	1
			•	•	•	•	•	116-009-11002	Rondella acciaio-gomma 1"	Steel-rubber washer 1"	
5	•							517-010-00637	Corpo pompa	Gear housing	1
		•						517-010-00726			
			•					517-010-00842			
				•				517-010-01001			
					•			517-010-01163			
						•		517-010-01323			
						•	517-010-01501				
6	•	•	•	•	•	•	•	501-003-00291	Spine forate di centraggio 18x12.5	Pins 18x12.5	4
7	•	•	•	•	•	•	•	533-004-00088	Boccole autolub. 38x42x38	Bushing 38x42x38	4
8	•	•	•	•	•	•	•	506-000-01195	Guarnizione antiestrusione	Back-up ring	2
9	•	•	•	•	•	•	•	506-000-01186	Guarnizione per rasamento	Thrust plate seal	2
10	•	•	•	•	•	•	•	510-010-00328	Rasamento ad occhiale	Thrust plate	2
11	•							523-028-00063	Albero dentato conduttore	Drive shaft	1
		•						523-028-00072			
			•					523-028-00084			
				•				523-028-00100			
					•			523-028-00116			
						•		523-028-00132			
							•	523-028-00150			
12	•							523-020-00632	Albero dentato condotto	Driven shaft	1
		•						523-020-00721			
			•					523-020-00847			
				•				523-020-01006			
					•			523-020-01168			
						•		523-020-01328			
						•	523-020-01506				
13	•	•	•	•	•	•	•	506-000-01337	Guarnizione OR	O-Ring	1
14	•	•	•	•	•	•	•	504-010-00063	Grano conico 1/8"	Plug 1/8"	1
15	•	•	•	•	•	•	•	518-003-00216	Coperchio anteriore	Mounting cover	1
16	•	•	•	•	•	•	•	506-021-38624	Guarnizione paraolio	Oil seal	1
17	•	•	•	•	•	•	•	506-022-38623	Anello schermo paraolio	Oil seal guard ring	1
18	•	•	•	•	•	•	•	506-007-38627	Guarnizione paraolio	Oil seal	1
19	•	•	•	•	•	•	•	501-001-00588	Anello seeger	Seeger ring	1
20	•	•	•	•	•	•	•	501-020-00129	Rondella elastica	Washer	8
21	•	•	•	•	•	•	•	502-005-00573	Vite TCE M12x45	Screw M12x45	6
22	•	•	•	•	•	•	•	502-000-00265	Vite TCE M12x35	Screw M12x35	2

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	P2	P3			
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

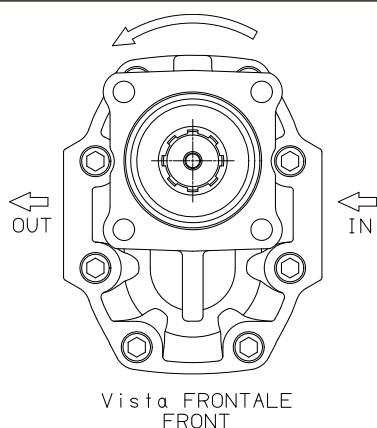
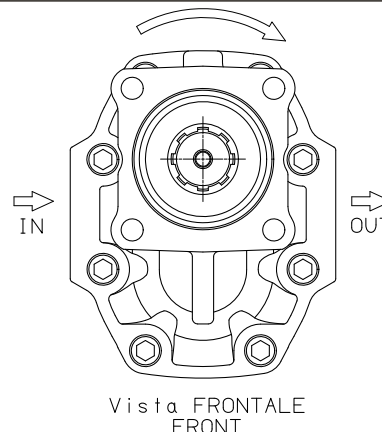
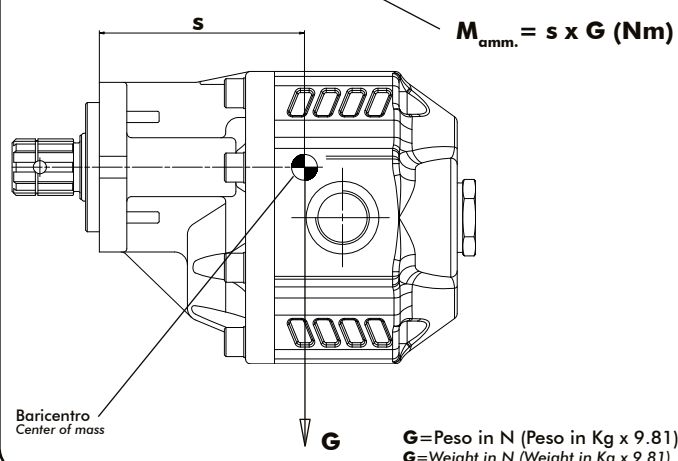
Max. Intermittent pressure

(20 sec.max.)

P3=Pressione max. di punta

Max. peak pressure

(6 sec.max)

CARATTERISTICHE TECNICHE DI FUNZIONAMENTO - TECHNICAL FEATURES**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
NPGH-63	87
NPGH-73	89
NPGH-84	91
NPGH-100	94
NPGH-116	97
NPGH-133	101
NPGH-150	104

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