

POMPE AD INGRANAGGI FISSAGGIO 4 FORI-ASAE 4 HOLES-ASAE HYDRAULIC GEAR PUMPS

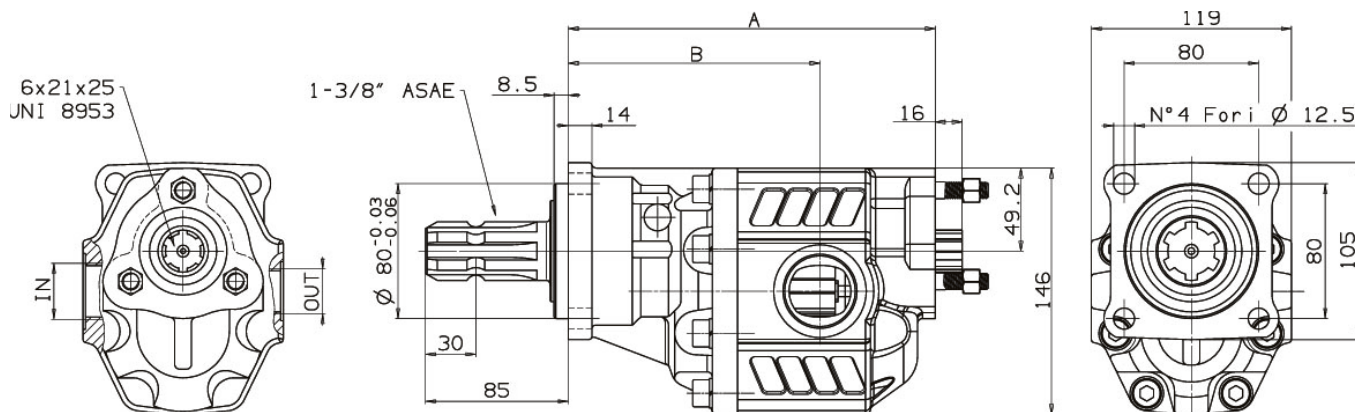
CODICE FAMIGLIA
FAMILY CODE

105-065

TANDEM NPH ASAE

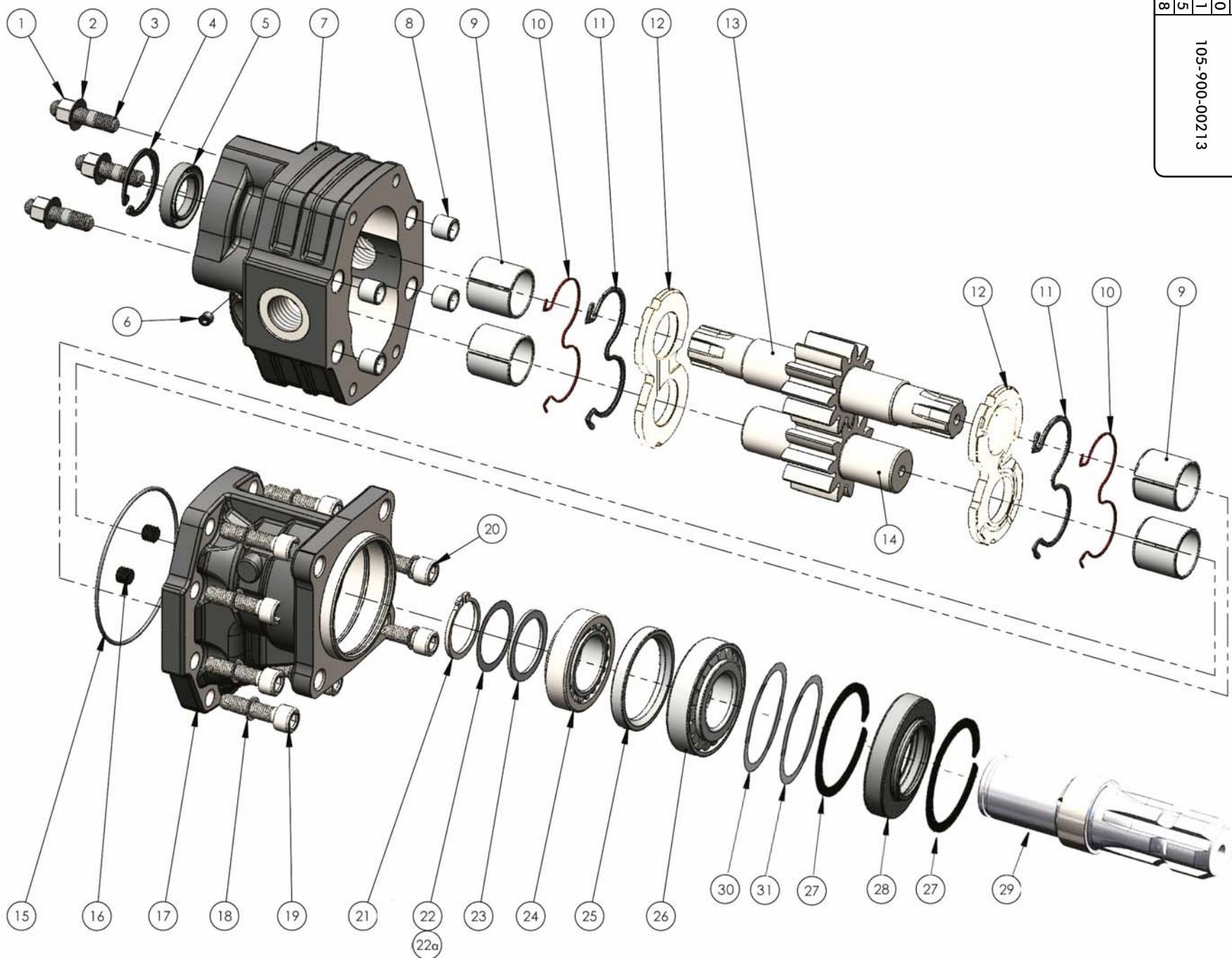


Fluido idraulico Fluid	Minerale o sintetico compatibile con guarnizioni: Mineral or synthetic compatible with the following seals: NBR, FKM, FPM, Nylon				
Viscosità cinematica consigliata Kinematic viscosity suggested	T media ambiente (°C) Average ambient temp. (°C)	< -10	-10÷10	10÷35	> 35
	VG (cSt = 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 ISO 228	OUT 1 ISO 228	OUT 2 ISO 228	A mm	B mm	Peso <i>Weight</i> Kg
	Destra/ <i>Right</i>	Sinistra/ <i>Left</i>						
NPH-34	105-065-00340	105-065-00359	G 3/4			191	124	12.5
NPH-43	105-065-00439	105-065-00448				197	130	13
NPH-51	105-065-00519	105-065-00528				202	130.5	13.5
NPH-61	105-065-00617	105-065-00626	G 1			208	136.5	14
NPH-73	105-065-00733	105-065-00742				216	135.5	14.5
NPH-82	105-065-00822	105-065-00831	G 1 1/4			221	142.5	14.9

Kit guarnizioni / Seal Kit	5
	10
	11
105-900-00213	15
	28



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O.M.F.B. Hydraulic Components

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HYDRAULIC COMPONENTS



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N°	34	43	51	61	73	82	Codice / Code	Descrizione / Description		Q.tà/Q.ty
1	•	•	•	•	•	•	505-004-00014	Dado M10 CH14 H10	Nut M10 CH14 H10	3
2	•	•	•	•	•	•	501-018-00105	Rondella elastica	Washer	3
3	•	•	•	•	•	•	503-004-00198	Prigioniero M10x30	Stud bolt M10x30	3
4	•	•	•	•	•	•	501-001-00373	Anello elastico	Circlip	1
5	•	•	•	•	•	•	506-024-25401	Guarnizione paraolio	Oil seal	1
6	•	•	•	•	•	•	504-010-00018	Grano conico 1/16"	Plug 1/16"	1
7	•						517-009-00344	Corpo pompa	Gera housing	1
		•					517-009-00433			
			•				517-009-00513			
				•			517-009-00611			
					•		517-009-00737			
						•	517-009-00826			
8	•	•	•	•	•	•	501-003-00282	Spine forate di centraggio 14x12.5	Pins 14x12.5	4
9	•	•	•	•	•	•	533-004-00033	Boccola autolub. 28x32x30	Bushing 28x32x30	4
10	•	•	•	•	•	•	506-000-01097	Guarnizione antiestrusione	Back-up ring	2
11	•	•	•	•	•	•	506-000-01088	Guarnizione per rasamento	Thrust plate seal	2
12	•	•	•	•	•	•	510-010-00293	Rasamento ad occhiale	Thrust plate	2
13	•						523-022-00345	Albero dentato conduttore	Drive shaft	1
		•					523-022-00434			
			•				523-022-00514			
				•			523-022-00612			
					•		523-022-00710			
						•	523-022-00827			
14	•						523-024-00343	Albero dentato condotto	Driven shaft	1
		•					523-024-00432			
			•				523-024-00512			
				•			523-024-00610			
					•		523-024-00736			
						•	523-024-00825			
15	•	•	•	•	•	•	506-000-01579	Guarnizione OR	O-Ring	1
16	•	•	•	•	•	•	504-010-00063	Grano conico 1/8"	Plug 1/8"	2
17	•	•	•	•	•	•	518-003-00116	Coperchio anteriore	Mounting cover	1
18	•	•	•	•	•	•	501-020-00101	Rondella elastica	Washer	8
19	•	•	•				502-004-00574	Vite TCE M10x40	Screw M10x40	8
				•	•	•				4
20				•	•	•	502-004-00565	Vite TCE M10x35	Screw M10x35	4
21	•	•	•	•	•	•	501-000-01355	Anello seeger AS 35x2.5	Seeger ring AS 35x2.5	1
22	•	•	•	•	•	•	529-007-00226	Rondella speciale 45x35x0,2	Special washer 45x35x0,2	1
22a	•	•	•	•	•	•	529-007-00217	Rondella speciale 45x35x0,1	Special washer 45x35x0,1	1
23	•	•	•	•	•	•	529-007-00208	Rondella speciale 45x35x2	Special washer 45x35x2	1
24	•	•	•	•	•	•	510-002-00202	Cuscinetto a rulli conici 35x62x18	Tapered roller bearing 35x62x18	1
25	•	•	•	•	•	•	530-004-00164	Distanziale 52x64,2x8,25	Spacer 52x64,2x8,25	1
26	•	•	•	•	•	•	510-002-00211	Cuscinetto a rulli conici 35x72x18,25	Tapered roller bearing 35x72x18,25	1
27	•	•	•	•	•	•	501-000-02729	Anello elastico	Circlip	2
28	•	•	•	•	•	•	506-008-42723	Guarnizione paraolio	Oil seal	1
29	•	•	•	•	•	•	114-005-00156	Manicotto 1" 3/8 ASAE	Coupling 1" 3/8 ASAE	1
30	•	•	•	•	•	•	529-007-00995	Rondella 66x72x0.4	Washer 66x72x0.4	1
31	•	•	•	•	•	•	529-007-00986	Rondella 66x72x0.2	Washer 66x72x0.2	1

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			
NPH-34	33.88	280	300	310	2200	2800	300
NPH-43	43.12	270	290	300	2000	2500	
NPH-51	50.82	240	260	280			
NPH-61	60.06	220	240	250	1800	2000	
NPH-73	72.88	200	220	230	1600	1800	
NPH-82	81.08	190	210	220	1500		

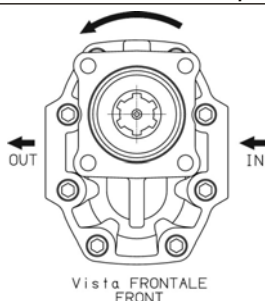
P1=Pressione max.continua
P2=Pressione max. intermittente
P3=Pressione max. di punta

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

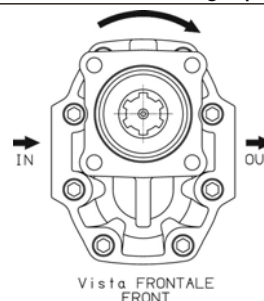
(100%)
(20 sec.max.)
(6 sec.max.)

SENSO DI ROTAZIONE POMPA / DIRECTION OF ROTATION

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



Rotazione oraria, pompa destra
Clockwise rotation, right pump



LA POMPA È 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

PREDISPOSTA PER 2^A POMPA CON FLANGIA UNI / READY FOR 2ND PUMP WITH UNI FLANGE