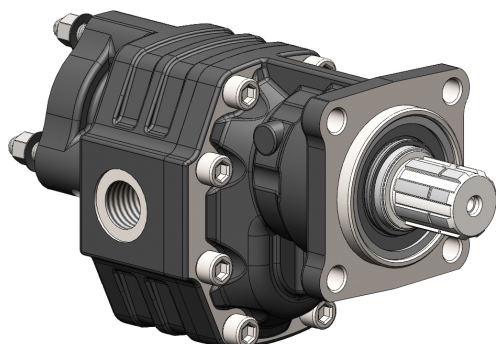
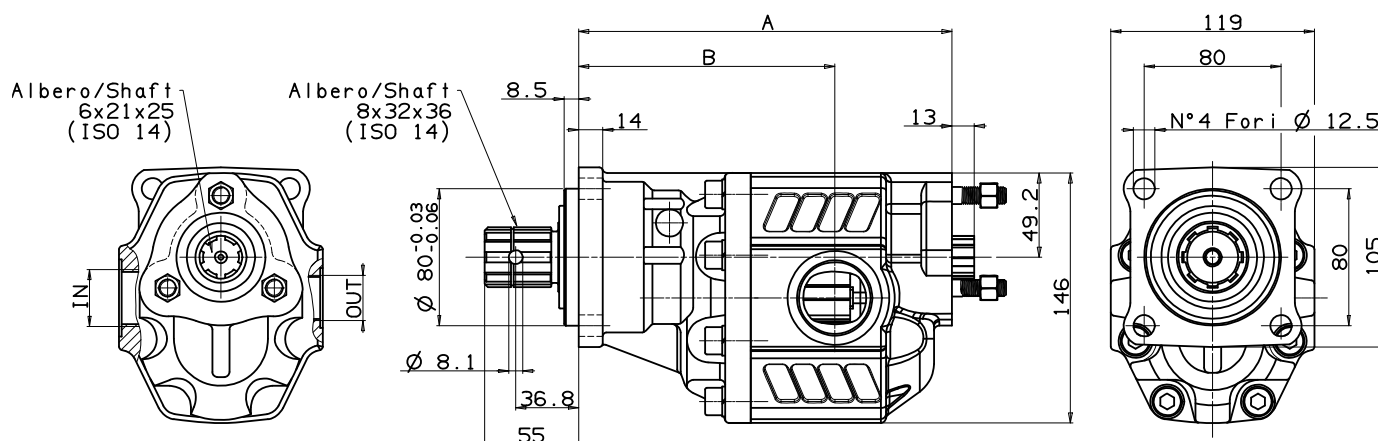




Fluido idraulico <i>Fluid</i>	Minerale o sintetico compatibile con guarnizioni: <i>Mineral or synthetic compatible with the following seals:</i> NBR, FKM, FPM, Nylon				
Viscosità cinematica consigliata <i>Kinematic viscosity suggested</i>	T media ambiente (°C) <i>Average ambient temp. (°C)</i>	< -10	-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



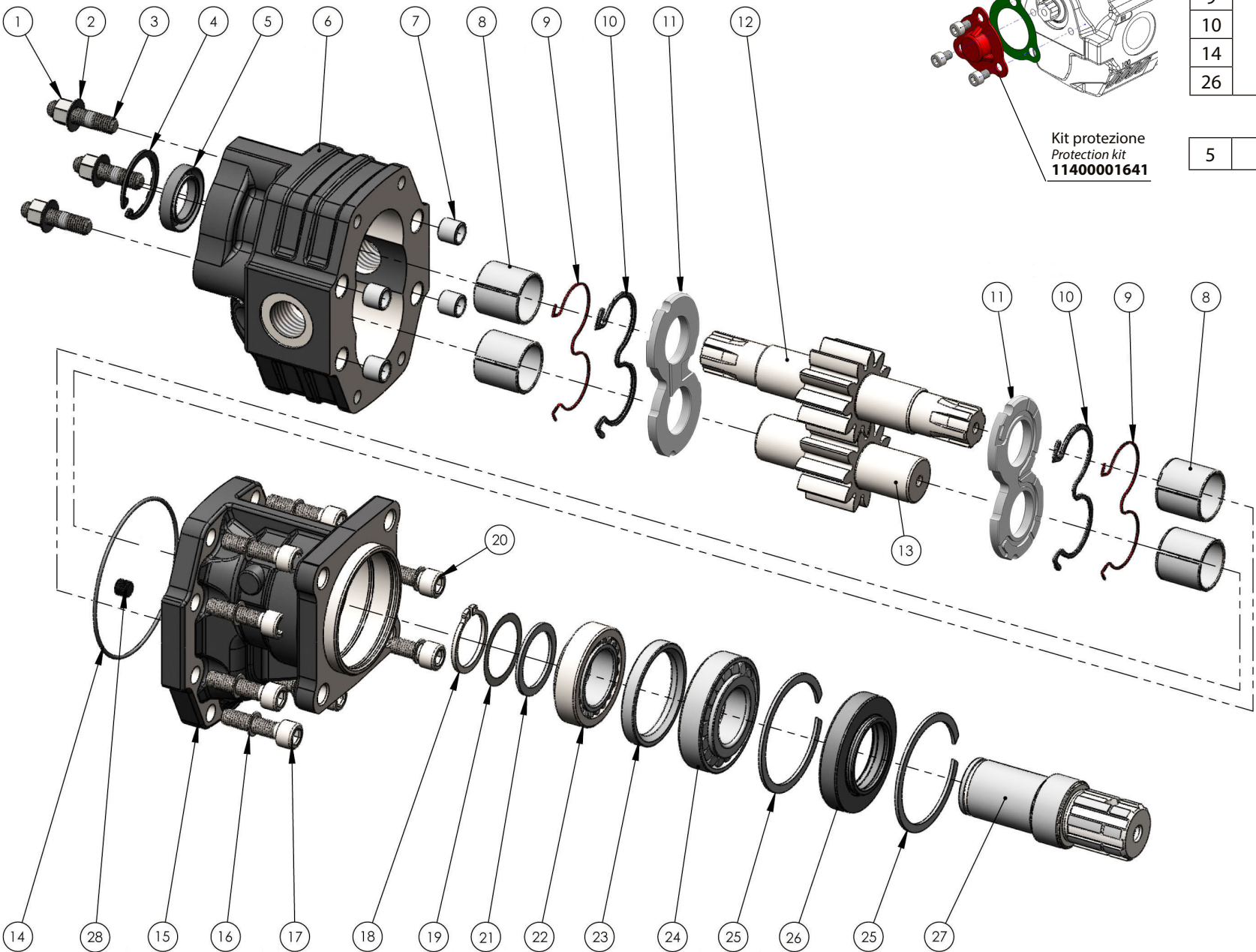
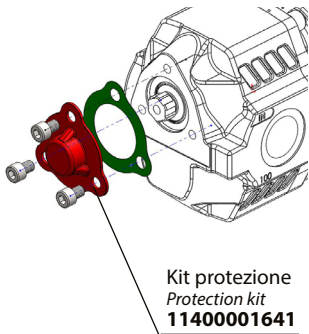
Dati tecnici / Technical data

Tipo pompa <i>Pump type</i>	Rotazione <i>Rotation</i>		IN <i>ISO 228</i>	OUT <i>ISO 228</i>	A <i>mm</i>	B <i>mm</i>	Peso <i>Weight</i> <i>Kg</i>
	<i>Destra / Right</i>	<i>Sinistra / Left</i>					
NPH-17	10502310179	10502310188	G 1/2		180	119	10.6
NPH-22	10502310222	10502310231			183.5	121.5	11
NPH-27	10502310277	10502310286			186	124	11.5
NPH-34	10502310348	10502310357	G 3/4		191	124	12.5
NPH-43	10502310437	10502310446			197	130	13
NPH-51	10502310517	10502310526			202	130.5	13.5
NPH-61	10502310615	10502310624	G 1		208	136.5	14
NPH-73	10502310731	10502310740			216	135.5	14.5
NPH-82	10502310820	10502310839	G 1 1/4		221	142.5	14.9

PREDISPOSTA PER 2^A POMPA CON FLANGIA UNI

READY FOR 2ND PUMP WITH UNI FLANGE

Kit guarnizioni / Seal Kit	
9	10590000197
10	
14	
26	
+	
5	50602425401



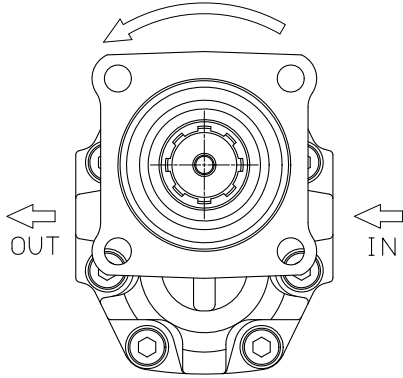
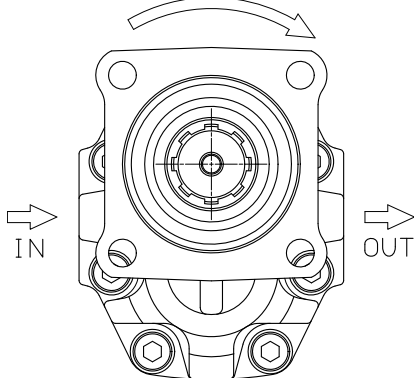
N°	17	22	27	34	43	51	61	73	82	Codice/Code	Descrizione / Description		Q.
1	.	.	.	.	.	.	.	.	.	50500400014	Dado M10 CH14 H10	Nut M10 CH14 H10	3
2	.	.	.	.	.	.	.	.	.	50101800105	Rondella elastica	Washer	3
3	.	.	.	.	.	.	.	.	.	50300400198	Prigioniero M10x30	Stud bolt M10x30	3
4	.	.	.	.	.	.	.	.	.	50100100373	Anello elastico	Circlip	1
5	.	.	.	.	.	.	.	.	.	50602425401	Guarnizione paraolio	Oil seal	1
6	.									51700900175	Corpo pompa	Gear housing	1
		.								51700900228			
			.							51700900273			
				.						51700900344			
					.					51700900433			
						.				51700900513			
							.			51700900611			
								.		51700900737			
7	.	.	.	.	.	.	.	.	.	51700900826			
8	.	.	.	.	.	.	.	.	.	50100300282	Spine forate di centraggio 14x12,5	Pins 14x12,5	4
9	.	.	.	.	.	.	.	.	.	53300400033	Boccola autolub. 28x32x30	Bushing 28x32x30	4
10	.	.	.	.	.	.	.	.	.	50600001097	Guarnizione antiestrusione	Back-up ring	2
11	.	.	.	.	.	.	.	.	.	50600001088	Guarnizione per rasamento	Thrust plate seal	2
	.	.	.	.	.	.	.	.	.	51001000293	Rasamento ad occhiale	Thrust plate	2
12	.									52302200176	Albero dentato conduttore	Drive shaft	1
		.								52302200229			
			.							52302200274			
				.						52302200345			
					.					52302200434			
						.				52302200514			
							.			52302200612			
								.		52302200710			
13	.									52302200827	Albero dentato condotto	Albero dentato condotto	1
		.								52302400174			
			.							52302400227			
				.						52302400272			
					.					52302400343			
						.				52302400432			
							.			52302400512			
								.		52302400610			
									.	52302400736			
									.	52302400825			
14	.	.	.	.	.	.	.	.	.	50600001579	Guarnizione OR	O-Ring	1
15	.	.	.	.	.	.	.	.	.	51800300116	Coperchio anteriore	Mounting cover	1
16	.	.	.	.	.	.	.	.	.	50102000101	Rondella elastica	Washer	8
17	.	.	.	.	.	.				50200400574	Vite TCE M10x40	Screw M10x40	8
							.	.	.				4
18	.	.	.	.	.	.	.	.	.	50100001355	Anello seeger	Seeger ring	1
19	.	.	.	.	.	.	.	.	.	52900700226	Rondella speciale 45x32x0,2	Special washer 45x35x0,2	1
20							.	.	.	50200400565	Vite TCE M10x35	Screw M10x35	4
21	.	.	.	.	.	.	.	.	.	52900700208	Rondella speciale 45x35x2	Special washer 45x35x2	1
22	.	.	.	.	.	.	.	.	.	51000200202	Cuscinetto a rulli conici 35x62x18	Tapered roller bearing 35x62x18	1
23	.	.	.	.	.	.	.	.	.	53000400164	Distanziale 52x64,2x8,25	Spacer 52x64,2x8,25	1
24	.	.	.	.	.	.	.	.	.	51000200211	Cuscinetto a rulli conici 35x72x18,25	Tapered roller bearing 35x72x18,25	1
25	.	.	.	.	.	.	.	.	.	50100002729	Anello elastico	Circlip	2
26	.	.	.	.	.	.	.	.	.	50600842723	Guarnizione paraolio	Oil seal	1
27	.	.	.	.	.	.	.	.	.	11400500147	Manicotto	Coupling	1
28	.	.	.	.	.	.	.	.	.	50401000063	Grano conico 1/8"	Plug 1/8"	1

CARATTERISTICHE TECNICHE DI FUNZIONAMENTO - TECHNICAL FEATURES							
Tipo pompa <i>Pump type</i>	Cilindrata <i>Displacement</i>	Pressione <i>Pressure</i>			Velocità max. continua <i>Max. continuous speed</i>	Velocità max. intermittente <i>Max. intermittent speed</i>	Velocità min. <i>Min. speed</i>
		P1	P2	P3			
		<i>cm³/rev</i>	<i>bar</i>	<i>bar</i>	<i>bar</i>	<i>rpm</i>	<i>rpm</i>
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			
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		

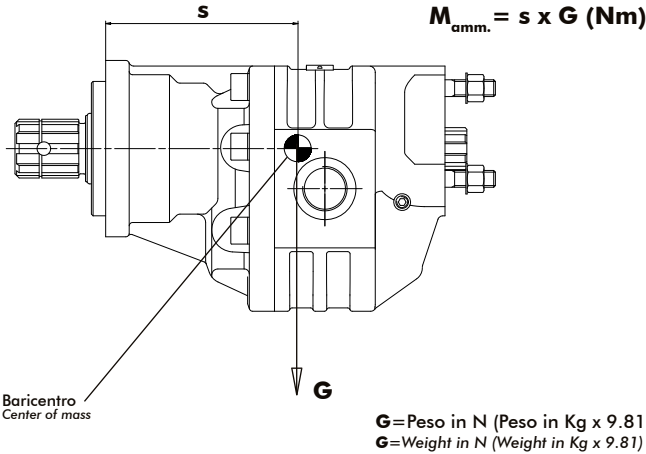
P1=Pressione max.continua
P2=Pressione max. intermittente
P3=Pressione max. di punta

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

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

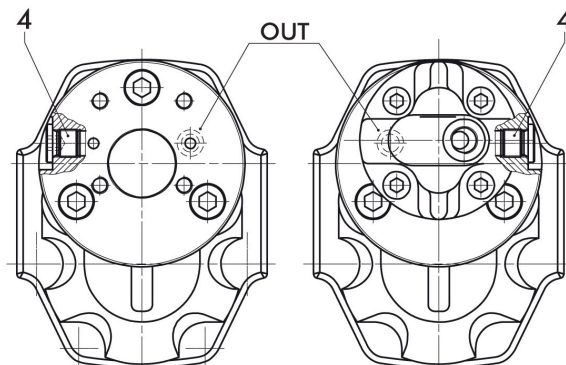
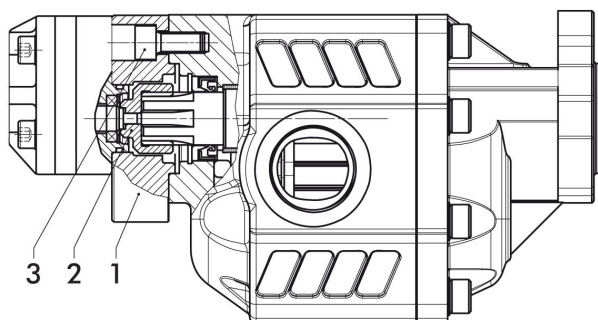
IDENTIFICAZIONE ASPIRAZIONE/MANDATA / SUCTION/DELIVERY IDENTIFICATION:	
Rotazione antioraria, pompa sinistra Anti-clockwise rotation, left pump	Rotazione oraria, pompa destra Clockwise rotation, right pump
 Vista FRONTALE FRONT	 Vista FRONTALE FRONT

MOMENTO PESO / MASS MOMENT



Tipo pompa - Pump type	S
NPH-17	92
NPH-22	94
NPH-27	98
NPH-34	100
NPH-43	103
NPH-51	105
NPH-61	108
NPH-73	112
NPH-82	115

PER MODIFICARE IL SENSO DI ROTAZIONE VEDERE ISTRUZ. 99700200060
TO CHANGE THE DIRECTION OF ROTATION SEE INSTRUCTION 99700200060

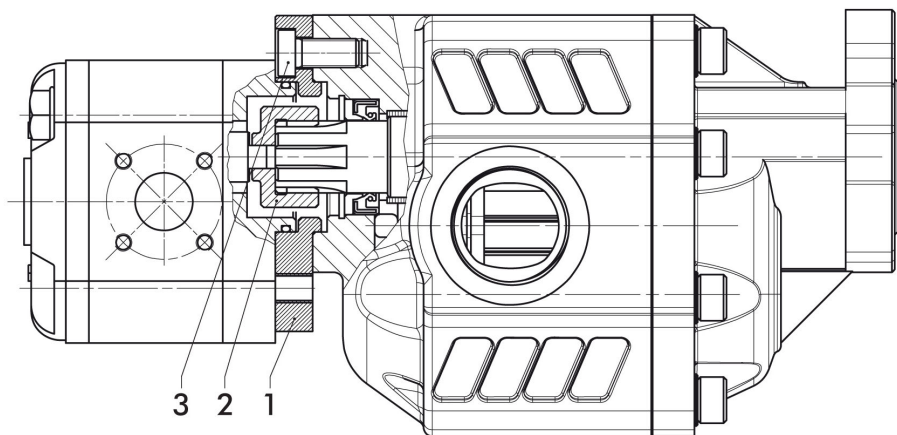
Pompe 1P
1P pumps

Montaggio pompa 1P Dx
Mounting pump 1P R

Montaggio pompa 1P Sx
Mounting pump 1P L

Kit montaggio codice: 10502000101
Mounting kit:
Coppia max.
Max. torque 21,5 Nm

Pos.	Codice Code	Descrizione Description	Q.
1	52800700817	Flangia per montaggio pompe 1P Destra/Sinistra	1
2	11400400853	Manicotto	1
3	50200400538	Vite TCE M10x22 UNI 5931 CL 12.9	3
4	11500600117	Tappo TCE 1/4" DIN 908	1

Pompe 2P
2P pumps

L'applicazione è da utilizzare
solo con le pompe:
*The assembly should be used only
with the following pumps:*
14920009433 4cc destra/right
14920009442 4cc sinistra/left
14920009451 6cc destra/right
14920009460 6cc sinistra/left

Kit montaggio codice: 10502000209
Mounting kit:
Coppia max.
Max. torque 70 Nm

Pos.	Codice Code	Descrizione Description	Q.tà Q.ty
1	52800700808	Flangia per montaggio pompe 2P	1
2	11400400844	Manicotto	1
3	50200000149	Vite TCE M10x22 DIN 7984 CL 10.9	3