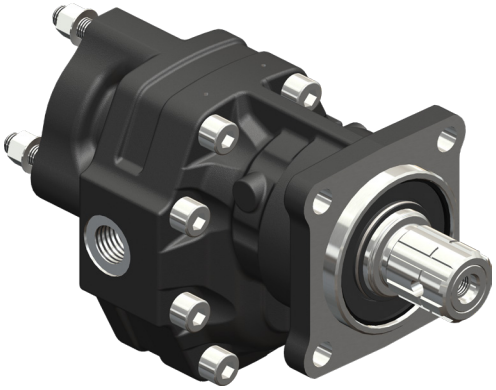
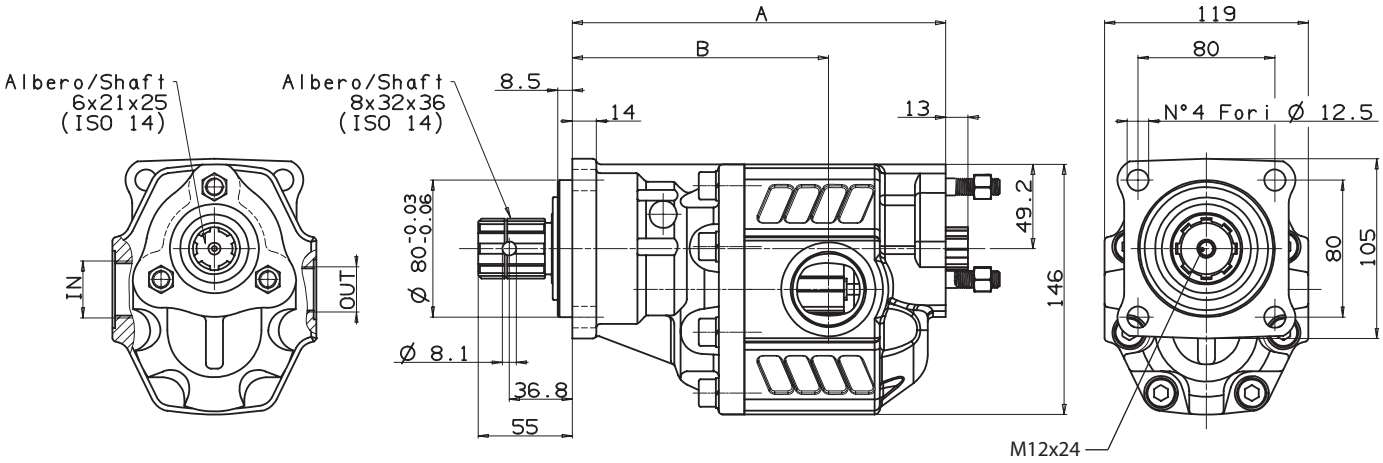
Pompe ad ingranaggi 4 fori ISO 1° pompa
4 holes ISO hydraulic gear pumps
TANDEM NPH ISO

105023



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 *Unidirectional*		

Ingombro / *Dimensions*



Dati tecnici / *Technical data*

Tipo pompa *Pump type*	Rotazione *Rotation*		IN	OUT	A	B	Peso *Weight*
	Destra / *Right*	Sinistra / *Left*	ISO 228	ISO 228	mm	mm	Kg
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 2ª POMPA CON FLANGIA UNI
READY FOR 2ND PUMP WITH UNI FLANGE

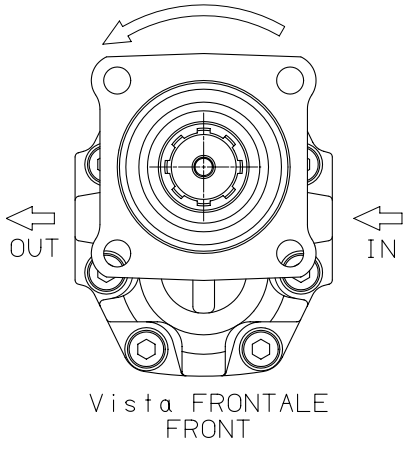
Caratteristiche tecniche di funzionamento / *Technical features*

Tipo pompa *Pump type*	Cilindrata *Displacement* cm³/rev	Pressione *Pressure* P1 bar	P2 bar	P3 bar	Velocità max. continua *Max. continuous speed* rpm	Velocità max. intermittente *Max. intermittent speed* rpm	Velocità min. *Min. speed* rpm
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		

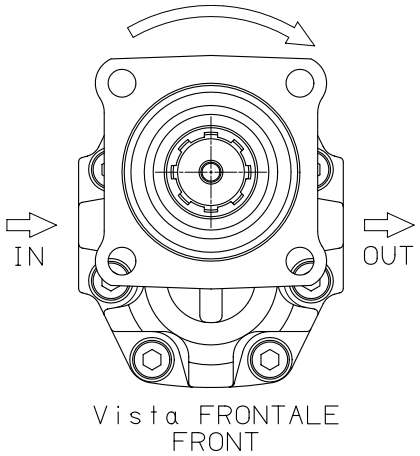
P1=Pressione max.continua — *Max. continuous pressure* — (100%)
P2=Pressione max. intermittente — *Max. Intermittent pressure* — (20 sec.max.)
P3=Pressione max. di punta — *Max. peak pressure* — (6 sec.max)

Identificazione aspirazione/mandata / *Suction/delivery identification*

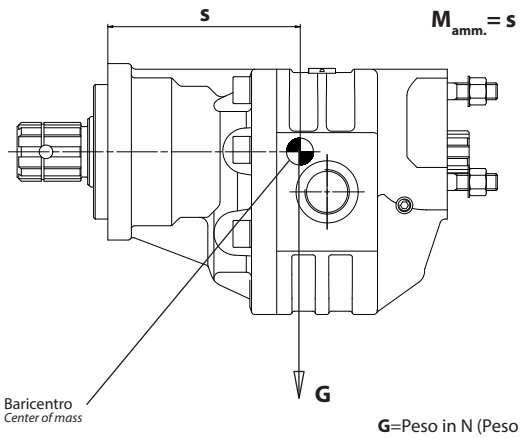
Rotazione antioraria, pompa sinistra
Anti-clockwise rotation, left pump



Rotazione oraria, pompa destra
Clockwise rotation, right pump



MOMENTO PESO / *MASS MOMENT*



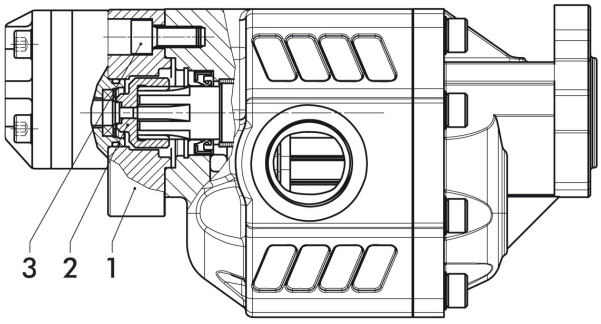
$M_{amm.} = s \times G$ (Nm)

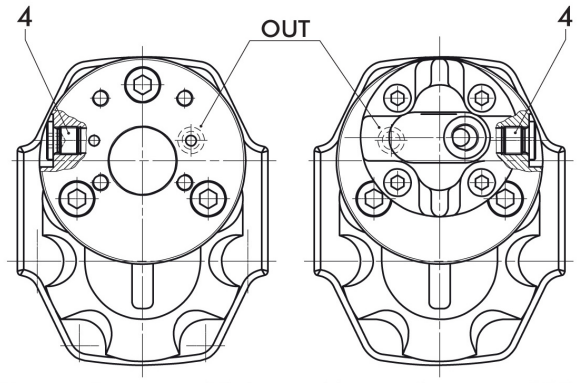
G=Peso in N (Peso in Kg x 9.81)
G=*Weight in N (Weight in Kg x 9.81)*

Tipo pompa - *Pump type*	s
NPH-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:

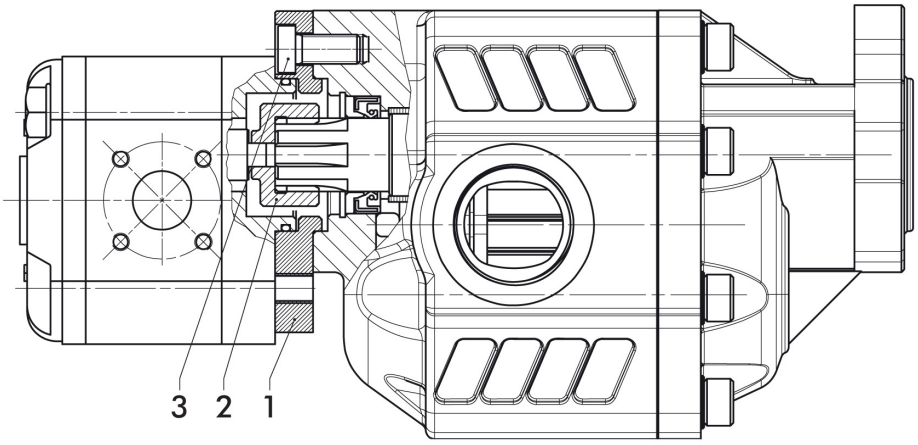
Coppia max.
Max. torque 21,5 Nm

Pos.	Codice *Code*	Descrizione *Description*		Q.
1	**52800700817**	Flangia per montaggio pompe 1P Destra/Sinistra	*Mounting flange for pumps 1P Left/Right*	1
2	**11400400853**	Manicotto	*Coupling*	1
3	**50200400538**	Vite TCE M10x22 UNI 5931 CL 12.9	*Hex head screw M10x22 UNI 5931 CL 12.9*	3
4	**11500600117**	Tappo TCE 1/4" DIN 908	*Hex head plug 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	*Mounting flange for pumps 2P*	1
2	**11400400844**	Manicotto	*Coupling*	1
3	**50200000149**	Vite TCE M10x22 DIN 7984 CL 10.9	*Hex head screw M10x22 DIN 7984 CL 10.9*	3

Link:
Ricambi/*Spare parts*
Istruzione/*Instruction*