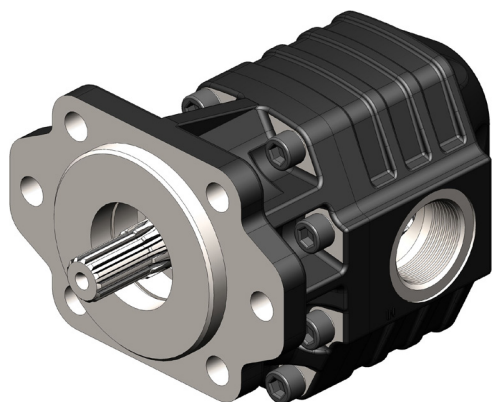


POMPA AD INGRANAGGI NPH SAE "B" NPH SAE "B" GEAR PUMP

CODICE FAMIGLIA
FAMILY CODE

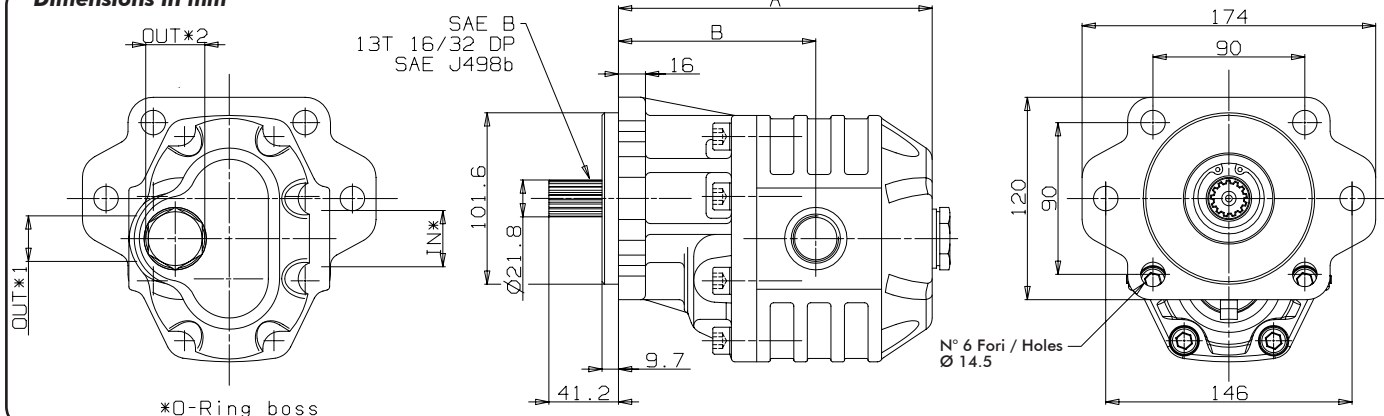
105035
105935

NPH SAE "B"



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 (DX o SX) <i>Unidirectional (Right or Left)</i>		

Dimensions in mm



Tipo pompa <i>Pump type</i>	Rotazione / <i>Rotation</i>		IN	OUT 1	OUT 2	A	B	Peso Weight	A	B	Peso Weight
	Destra / <i>Right</i>	Sinistra / <i>Left</i>	ISO 725	ISO 725	ISO 725	mm	mm	kg	inch	inch	lb
NPH-17 SAE-B	10503500177	10503500186	3/4-16 UNF-2B SAE 8	3/4-16 UNF-2B SAE 8		150	101	12	5,91	3,98	26.4
NPH-22 SAE-B	10503500220	10503500239				153.5	103	12.3	6.04	4.11	27.1
NPH-27 SAE-B	10503500275	10503500284	1 1/16-12 UN-2B SAE 12	1 1/16-12 UN-2B SAE 12		156	105.5	12.4	6.14	4.15	27.3
NPH-34 SAE-B	10503500346	10503500355				161	106.5	12.5	6.34	4.19	27.5
NPH-43 SAE-B	10503500435	10503500444				167	111.5	13.3	6.57	4.39	29.3
NPH-51 SAE-B	10503500515	10503500524	172			112	13.5	6.77	4.41	29.7	
NPH-61 SAE-B	10503500613	10503500622	178			118	14	7.01	4.65	30.8	
NPH-73 SAE-B	10503500739	10503500748	186			117	14.5	7.32	4.61	31.9	
NPH-82 SAE-B	10503500828	10503500837	191			122	15	7.52	4.80	33	
			ISO 228			ISO 228					
NPH-17 SAE-B	10593500178	10593500187	G 1/2"	G 1/2"		150	101	12	5,91	3,98	26.4
NPH-22 SAE-B	10593500221	10593500230				153.5	103	12.3	6.04	4.11	27.1
NPH-27 SAE-B	10593500276	10593500285	G 3/4"	G 3/4"		156	105.5	12.4	6.14	4.15	27.3
NPH-34 SAE-B	10593500347	10593500356				161	106.5	12.5	6.34	4.19	27.5
NPH-43 SAE-B	10593500436	10593500445				167	111.5	13.3	6.57	4.39	29.3
NPH-51 SAE-B	10593500516	10593500525	172			112	13.5	6.77	4.41	29.7	
NPH-61 SAE-B	10593500614	10593500623	178			118	14	7.01	4.65	30.8	
NPH-73 SAE-B	10593500730	10593500749	186			117	14.5	7.32	4.61	31.9	
NPH-82 SAE-B	10593500829	10593500838	G 1-1/4"			191	122	15	7.52	4.80	33

CARATTERISTICHE TECNICHE DI FUNZIONAMENTO

Tipo pompa	Cilindrata cm³/rev	Pressione			Velocità max. continua rpm	Velocità max. intermittente rpm	Velocità minima rpm
		P1 bar	P2 bar	P3 bar			
NPH-17 SAE-B	17.04	290	315	325	2500	3000	300
NPH-22 SAE-B	22.15						
NPH-27 SAE-B	26.18						
NPH-34 SAE-B	33.88	280	300	310	2200	2800	
NPH-43 SAE-B	43.12	270	290	300	2000	2500	
NPH-51 SAE-B	50.82	240	260	280			
NPH-61 SAE-B	60.06	220	240	250	1800	2000	
NPH-73 SAE-B	72.88	200	220	220	1600	1800	
NPH-82 SAE-B	81.08	190	200	200	1500		

TECHNICAL FEATURES

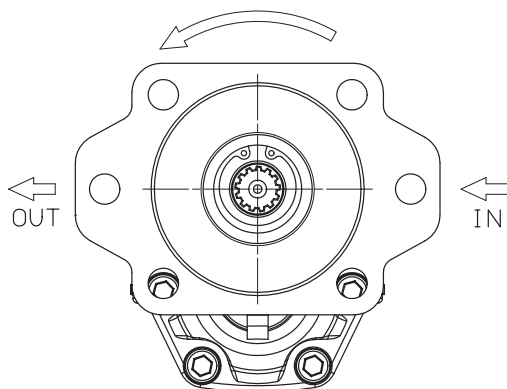
Pump type	Displacement inch³/giro	Pressure			Max. continuous speed rpm	Max. intermitt speed rpm	Min. speed rpm
		P1 psi	P2 psi	P3 psi			
NPH-17 SAE-B	1.04	4205	4567,5	4712,5	2500	3000	300
NPH-22 SAE-B	1.35						
NPH-27 SAE-B	1.60						
NPH-34 SAE-B	2.07	4060	4350	4495	2200	2800	
NPH-43 SAE-B	2.63	3915	4205	4350	2000	2500	
NPH-51 SAE-B	3.06	3480	3770	4060			
NPH-61 SAE-B	3.66	3190	3480	3625	1800	2000	
NPH-73 SAE-B	4.45	2900	3190	3190	1600	1800	
NPH-82 SAE-B	4.95	2755	2900	2900	1500		

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

Max. continuous pressure (100%)
Max. intermittent pressure (20 sec.max.)
Max. peak pressure (6 sec.max.)

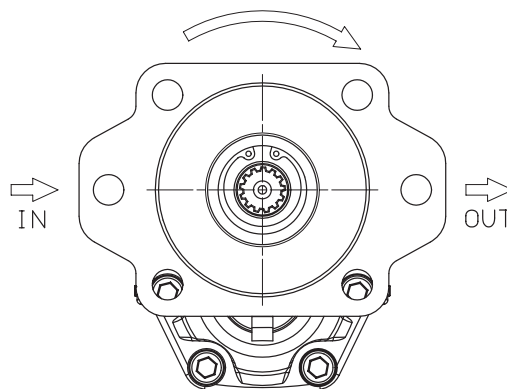
SENSO DI ROTAZIONE POMPA / DIRECTION OF ROTATION

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



FRONT

Rotazione oraria, pompa destra
Clockwise rotation, right pump



FRONT

Kit guarnizioni 10590000508
Gasket kit