

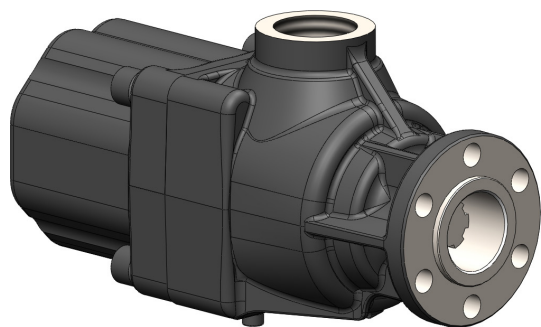
POMPE A PISTONI FISSAGGIO 3 FORI-UNI

3 HOLES-UNI HYDRAULIC PISTON PUMPS

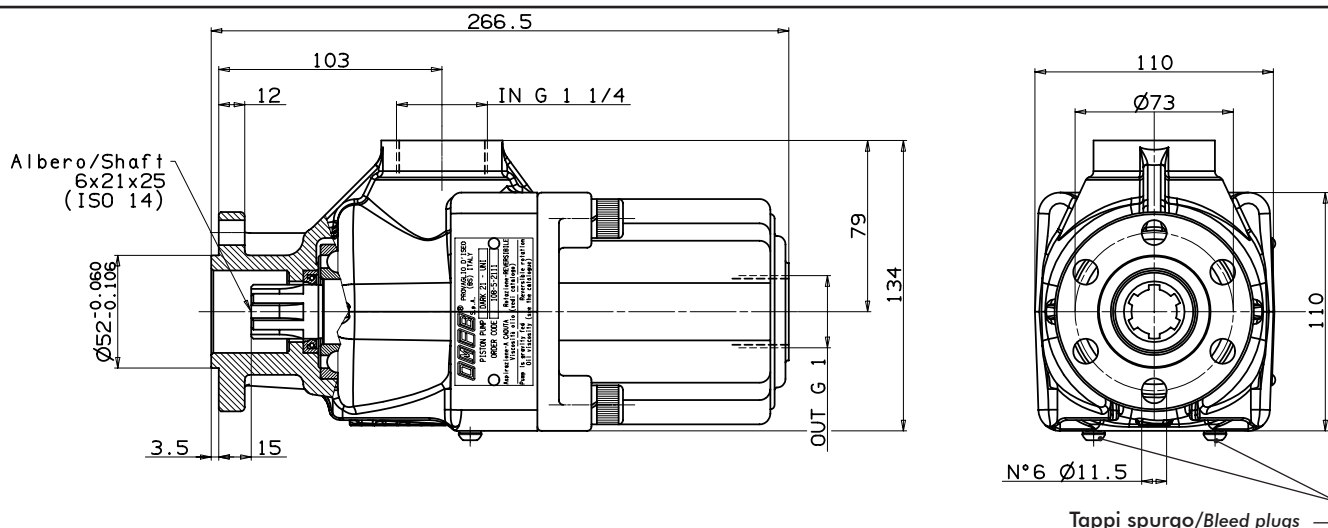
CODICE FAMIGLIA
FAMILY CODE

108005

"DARK" UNI



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)	16	22	32	46
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		
Grado di filtrazione Oil filtering		> 200 bar: 10 µm < 200 bar: 25 µm			
Pres. di aspirazione Inlet pressure		0,85 ÷ 2 bar assoluti/absolut			
Senso di rotazione Pump rotation		Bidirezionale Bidirectional			
Verificare che la pompa sia posizionata almeno 100 mm sotto il livello mini- mo del serbatoio olio. Prima di avviare la pompa effettuare spurgo aria. Verify that pump is, at least, 100 mm under the minimum level of the tank. Before starting the pump bleed the air.					



Tipo pompa Pump type	Codice Code	Cilindrata Displacement	Pressione Pressure		Velocità massima Max speed	Peso Weight
			Massima Max	Picco Peak		
		cm³/rev	bar	bar	rpm	kg
DARK-21	10800502111	20,25	350	400	1800	13,9
DARK-28	10800502817	27				13,8
DARK-35	10800503512	33,75				13,8
DARK-42	10800504217	40,5				13,7
DARK-48	10800504815	47,25				13,6
DARK-52	10800505216	51,97	300	350	1500	13,5
DARK-55	10800505510	54				13,5
DARK-60	10800505912	59,3				13,5

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HYDRAULIC COMPONENTS

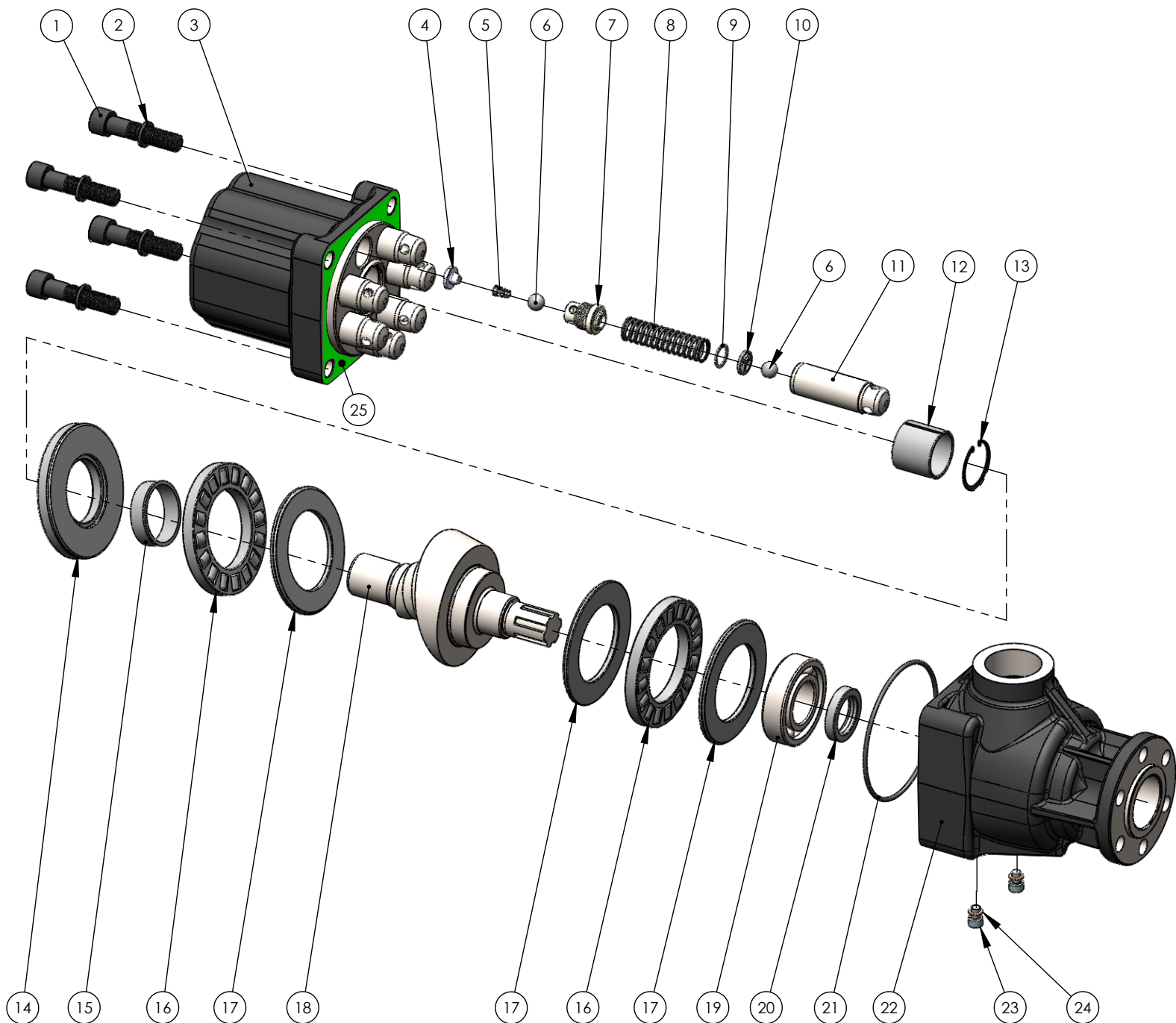
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QUALITY SYSTEM
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99740060010

07/11/2019

99710800510 Rev: AG



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HYDRAULIC COMPONENTS



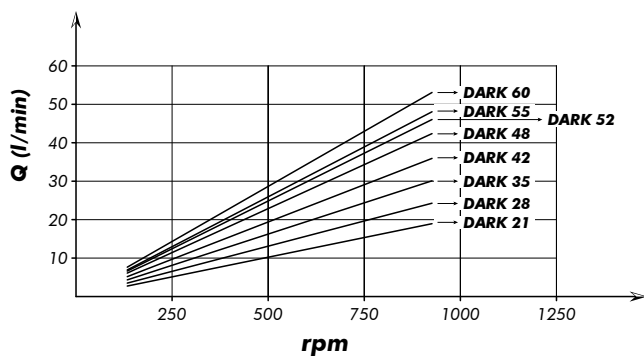
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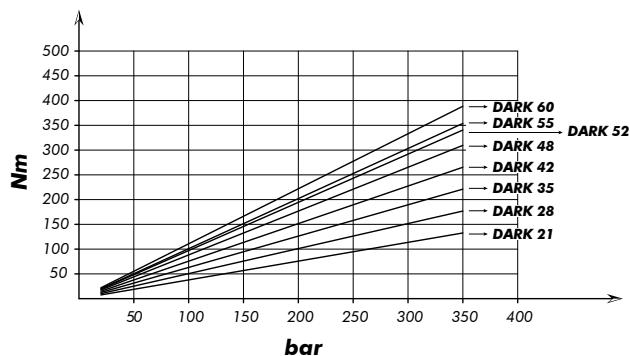
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N°	21	28	35	42	48	52	55	60	Codice/P. Number	Descrizione / Description		Q.
1	•	•	•	•	•	•	•	•	50200500591	Vite TCE M12x55 UNI 5931	Socket head capscrew M12x55	4
2	•	•	•	•	•	•	•	•	50100800063	Rondella elastica	Washer	4
3	•								51700200011	Corpo posteriore	Rear body	1
		•							51700200039			
			•						51700200020			
				•					51700200100			
					•				51700200048			
						•			51700200182			
							•		51700200057			
								•	51700200146			
4	• x3	• x4	• x5	• x6	• x7	• x7	• x8	• x8	54200100135	Corpo guida molla	Spring guide body	
5	• x3	• x4	• x5	• x6	• x7	• x7	• x8	• x8	51200400153	Molla conica	Tapered spring	
6	• x6	• x8	• x10	• x12	• x14	• x14	• x16	• x16	51000900116	Sfera grano 7/16"	Ball 7/16"	
7	• x3	• x4	• x5	• x6	• x7	• x7	• x8	• x8	54000000149	Tappo valvola mandata	Plug delivery valve	
8	• x3	• x4	• x5	• x6	• x7	• x7	• x8	• x8	51200501946	Molla ritorno pistone	Back piston spring	
9	• x3	• x4	• x5	• x6	• x7	• x7	• x8	• x8	53000000159	Distanziale	Spacer	
10	• x3	• x4	• x5	• x6	• x7	• x7	• x8	• x8	55000100209	Part. arresto sfera pompanti	Spacer spring guide	
11	• x3	• x4	• x5	• x6	• x7		• x8		53200400026	Pistone pompante ø21	Pump piston ø21	
						• x7		• x8	53200400035	Pistone pompante ø22	Pump piston ø22	
12	•	•	•	•	•	•	•	•	53300400051	Boccola 34x30x30	Bushing 34x30x30	1
13	•	•	•	•	•	•	•	•	50100000187	Anello elastico	Circlip	1
14	•	•	•	•	•	•	•	•	51000600379	Ralla 93x44x10.4	Bearing 93x44x10.4	1
15	•	•	•	•	•	•	•	•	53300400159	Boccola 40x44x12	Bushing 40x44x12	1
16	•	•	•	•	•	•	•	•	51000655909	Gabbia assiale rulli 92x55x11	Axial roller cage 92x55x11	2
17	•	•	•	•	•	•	•	•	51000600431	Ralla 88x55x4	Bearing 88x55x4	3
18	•	•	•	•	•	•	•	•	52200500124	Albero	Shaft	1
19	•	•	•	•	•	•	•	•	51000100212	Cuscinetto sfere 62x30x16	Ball bearing 62x30x16	1
20	•	•	•	•	•	•	•	•	50600700313	Paraolio	Oil seal	1
21	•	•	•	•	•	•	•	•	50600200630	Guarnizione OR	O-Ring	1
22	•	•	•	•	•	•	•	•	51700200324	Corpo anteriore	Front housing	1
23	•	•	•	•	•	•	•	•	50200001120	Vite TCE M6x8	Socket head capscrew M6x8	2
24	•	•	•	•	•	•	•	•	11600901022	Rondella rame 10x6x1	Washer	2
25	•	•	•	•	•	•	•	•	50700000434	Guarnizione	Gasket	1

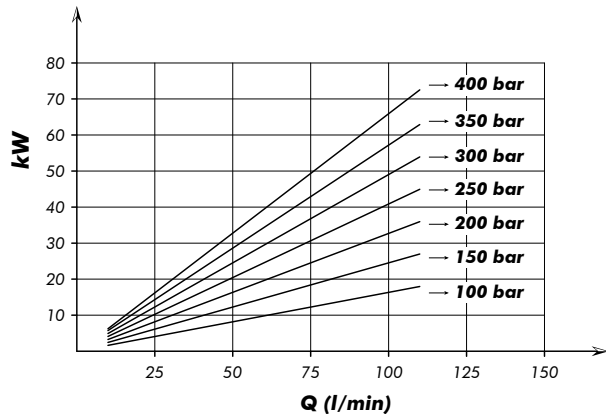
PORTATA FLOW



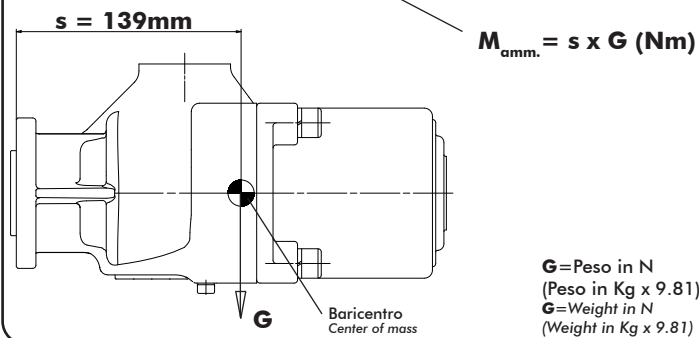
COPPIA ASSORBITA DRIVE TORQUE



POTENZA ASSORBITA POWER INPUT



MOMENTO PESO / MASS MOMENT



La quota "s" può essere considerata unica per tutte le cilindrata.
"s" dimension can be considered valid for all pump displacement.

Kit guarnizioni Seal Kit

10890300018