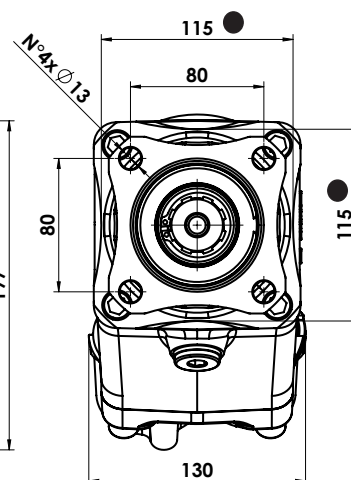
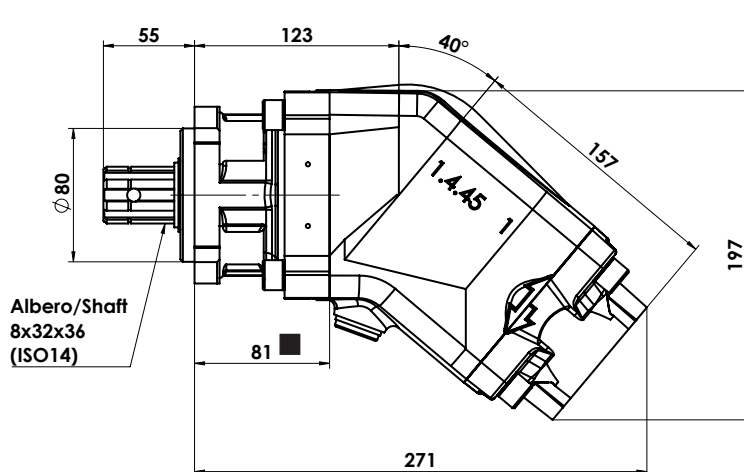
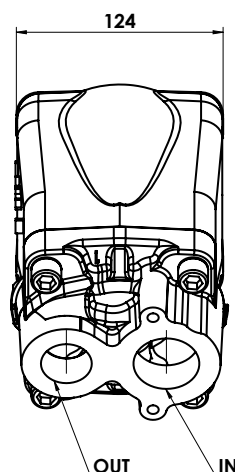


Flangia / Flange	ISO
Albero / Shaft	ISO14 8x32x36
Cilin. / Displ.	84-96-108-120-130



Fluido idraulico Fluid	Minerale o sintetico compatibile con guarnizioni: Mineral or synthetic compatible with the following seals: FKM, FPM, HNBR				
Viscosità cinematica consigliata Kinematic viscosity suggested	T media ambiente (°C) Average ambient temp. (°C)	< -40	-40÷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		
			-40°C +140°C		
Grado di filtrazione Oil filtering			> 200 bar: 10 µm < 200 bar: 25 µm		
Pressione di aspirazione Inlet pressure			0,85 ÷ 2 bar assoluti/absolut		
Senso di rotazione Pump rotation			Unidirezionale (Dx o Sx) Unidirectional (Right or Left)		
Verificare che la pompa sia posizionata almeno 100 mm sotto il livello minimo del serba- toio 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.					

Ingombro / Dimensions



Dimensioni in mm
Dimensions in mm

● Larghezza minima corpo a quota indicata
Minimum bodywidth at indicated measurement

Dati tecnici / Technical data

Tipo pompa Pump type	Rotazione / Rotation		IN	OUT	Peso Weight Kg
	Destra / Right	Sinistra / Left			
HDS-84	60100110843	60100110849	G 1 1/4"	G 1"	19.2
HDS-96	60100110963	60100110969			19
HDS-108	60100111083	60100111089	G 1 1/2"		18.6
HDS-130	60100111303	60100111309			18.3
MDS-120	60300111203	60300111209			18.4
MDS-130	60300111303	60300111309			18.7
			ISO 725	ISO 725	
HDS-84	60100150843	60100150849	1 7/8-12 UN-2B SAE 24	1 5/16-12 UN-2B SAE 16	19.2
HDS-96	60100150963	60100150969			19
HDS-108	60100151083	60100151089			18.6
HDS-130	60100151303	60100151309			18.3
MDS-120	60300151203	60300151209			18.4
MDS-130	60300151303	60300151309			18.7



Link:
[Ricambi/SpareParts](#)

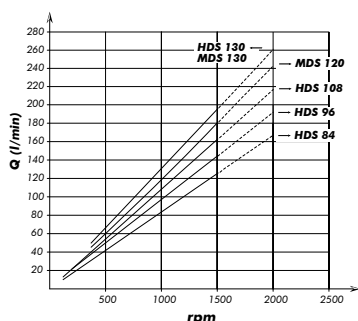
Caratteristiche Tecniche di funzionamento / Technical features

Tipo pompa Pump type	Cilindrata Displacement cm ³ /rev	Pressione Pressure		Velocità / Speed			Velocità min. Min. speed rpm
		P1 bar	P3 bar	V0 rpm	V1 rpm	V2 rpm	
HDS-84	84,33	350	400	2300	1500	2000	300
HDS-96	95,5				1500		
HDS-108	107				1500		
HDS-130	131,62				1750		
MDS-120	122,1	260	280	2300	1500	2000	300
MDS-130	131,62	250	270		1500		

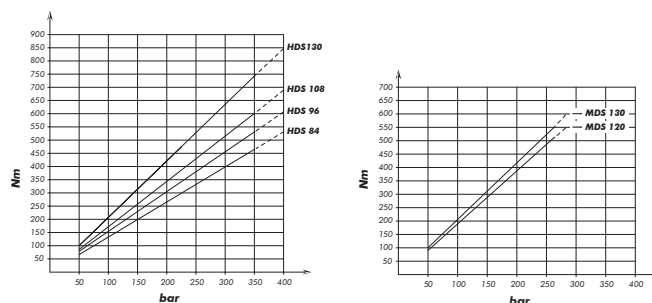
P1=Pressione massima continua Max. continuous pressure (100%)
P3=Pressione massima di punta Max. peak pressure (6 sec.max)

V0=Massima continua vuoto Max. continuous speed without load
V1=Massima continua Max. continuous speed
V2=Massima intermittente Max. intermittent speed

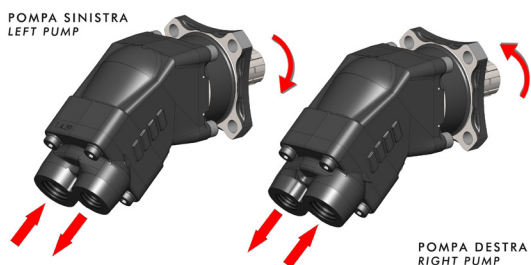
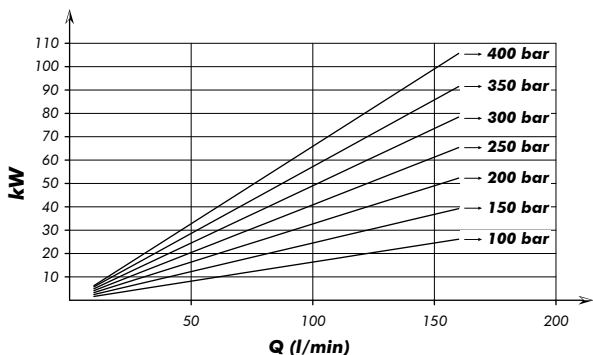
Portata / Flow



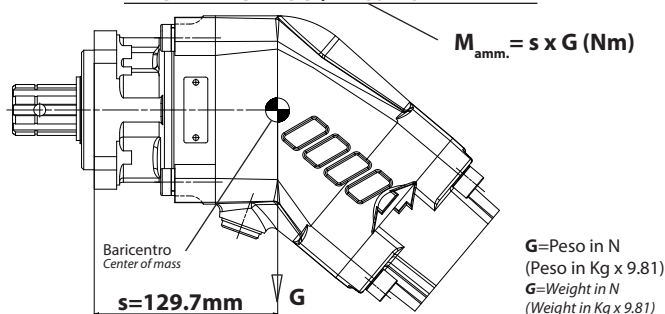
Coppia assorbita / Drive torque



Potenza assorbita / Power input



MOMENTO PESO / MASS MOMENT



Scelta del tubo di aspirazione

How to choose the suction pipe size

Q Portata Flow l/min	Ø interno min. tubo Min pipe diam. mm	inch	Velocità flusso Flow speed (m/s)
20	25	1"	0,68
30	32	1" 1/4	0,62
40	32		0,83
50	38	1" 1/2	0,74
60	38		0,88
70	40	1" 9/16	0,93
80	45	1" 3/4	0,84
90	45		0,94
100	50	2"	0,85
110	50		0,93
120	60	2" 3/8	0,71
130	60		0,77
140	60		0,83
150	60		0,88
160	63	2" 1/2	0,86
170	63		0,91
180	63		0,96

Per garantire corrette condizioni di aspirazione la velocità del flusso non deve superare 1 m/sec.
To ensure the proper suction pipe size the flow speed should not exceed 1mt/sec.