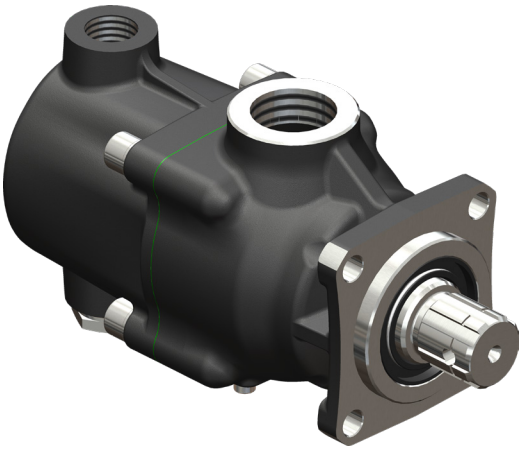
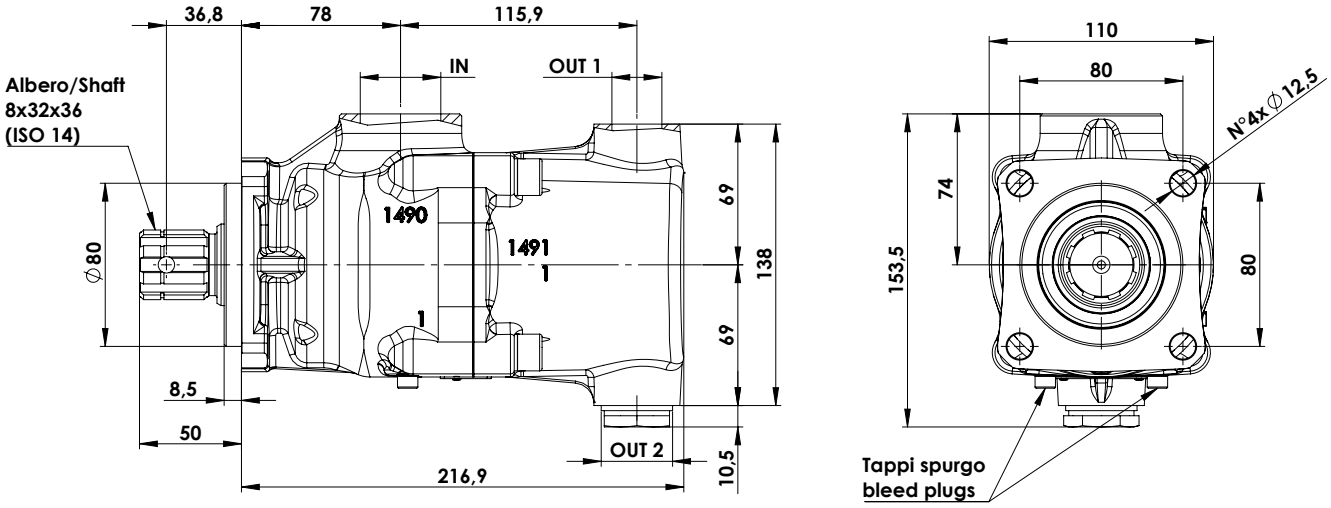
Pompe a pistoni fissaggio 4 fori ISO short alta efficienza
High efficiency 4 holes ISO short hydraulic piston pumps
DARK ISO SHORT HE

Le pompe a pistoni della serie HE offrono una maggiore capacità di aspirazione ad un basso regime di giri. Si rendono pertanto particolarmente idonee per tutte quelle applicazioni idrauliche dove sono richieste alte prestazioni abbinate a velocià di rotazione ridotte.
The piston pumps series HE offer enhanced suction ability at low RPM range. Thus, these pumps are particularly suitable for all those hydraulic applications requiring high performance at low rotation speed.



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* -40°C ÷ 140°C			
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 minimo 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.*					

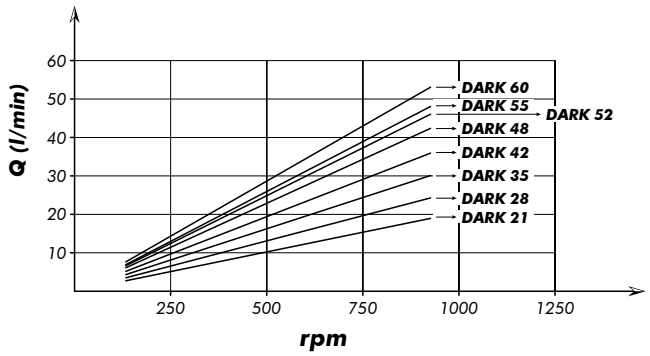
Ingombro / *Dimensions*



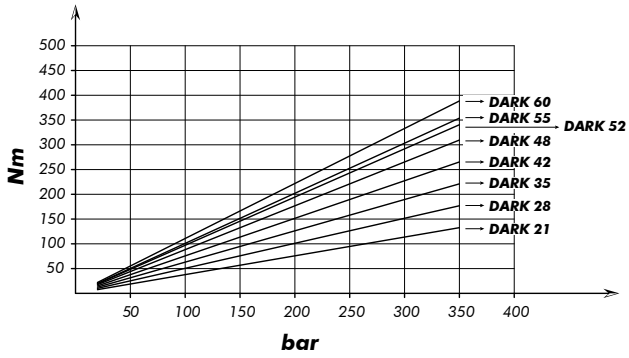
Dati tecnici / *Technical data*

Tipo pompa *Pump type*	Codice *Code*	Cilindrata *Displacement* cm³/rev	IN GAS	OUT GAS	IN METRICO	OUT METRICO	Pressione / *Pressure* Max.	Pressione / *Pressure* Picco/*Peak*	Velocità massima *Max speed*	Peso *Weight* kg
DARK SHORT-21	**10800902126**	20,25	G 1-1/4	G 3/4			350 bar	400 bar	1800 rpm	13,2
	10800932120				M45x2	M22x1,5				
DARK SHORT-28	**10800902822**	27	G 1-1/4	G 3/4						13,2
	10800932826				M45x2	M22x1,5				
DARK SHORT-35	**10800903527**	33,75	G 1-1/4	G 3/4						13,1
	10800933521				M45x2	M22x1,5				
DARK SHORT-42	**10800904222**	40,5	G 1-1/4	G 3/4						13
	10800934226				M45x2	M22x1,5				
DARK SHORT-48	**10800904820**	47,25	G 1-1/4	G 3/4						12,9
	10800934824				M45x2	M22x1,5				
DARK SHORT-52	**10800905221**	51,97	G 1-1/4	G 3/4						13
	10800935225				M45x2	M22x1,5				
DARK SHORT-55	**10800905525**	54	G 1-1/4	G 3/4			300 bar	350 bar	1500 rpm	12,9
	10800935529				M45x2	M22x1,5				
DARK SHORT-60	**10800906024**	59,3	G 1-1/4	G 3/4						12,8
	10800936028				M45x2	M22x1,5				

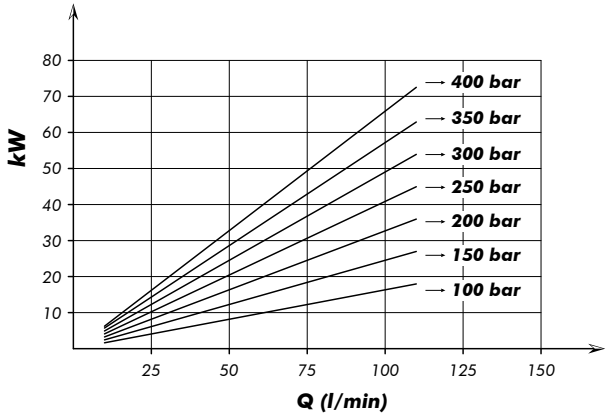
Portata / *Flow*



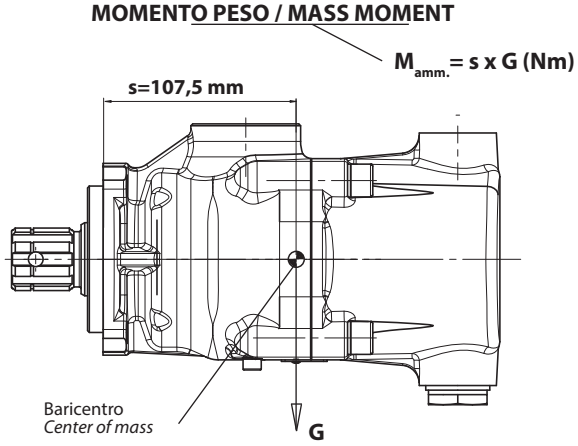
Coppia assorbita / *Drive torque*



Potenza assorbita / *Power input*

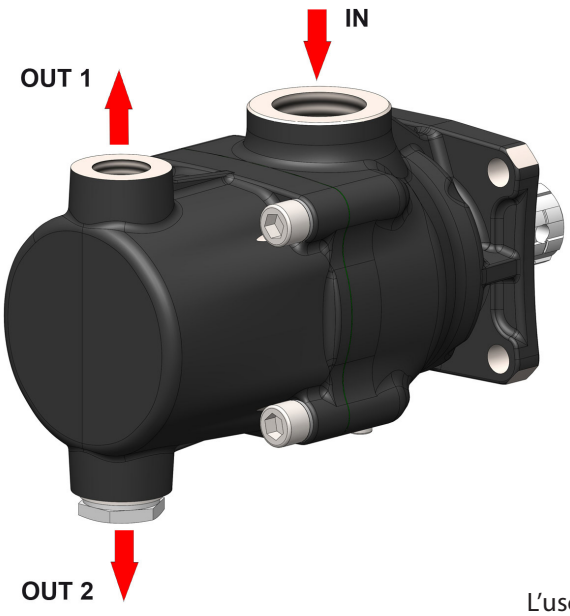


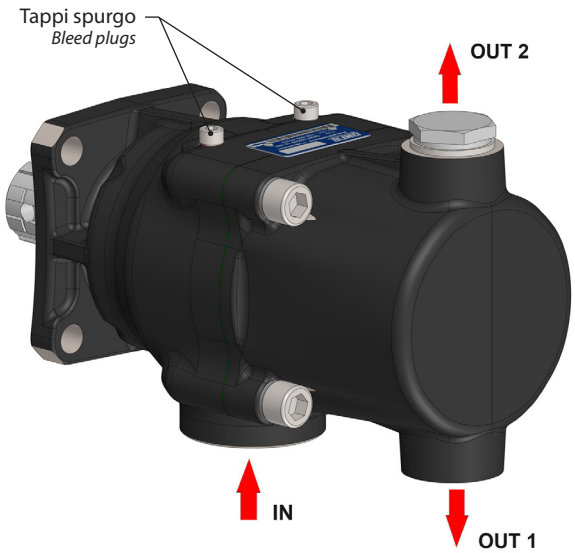
MOMENTO PESO / MASS MOMENT



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

"**s**" la dimensione può essere considerata valida per tutte le pompe
dimension can be considered valid for all pump displacement





L'uscita ausiliaria (OUT 2) può essere utilizzata in alternativa o in contemporanea all'uscita principale (OUT 1).
The auxiliary output (OUT 2) can be used either alternatively or simultaneously to the main output (OUT 1).

Link:
Ricambi/*Spare parts*