

BD2

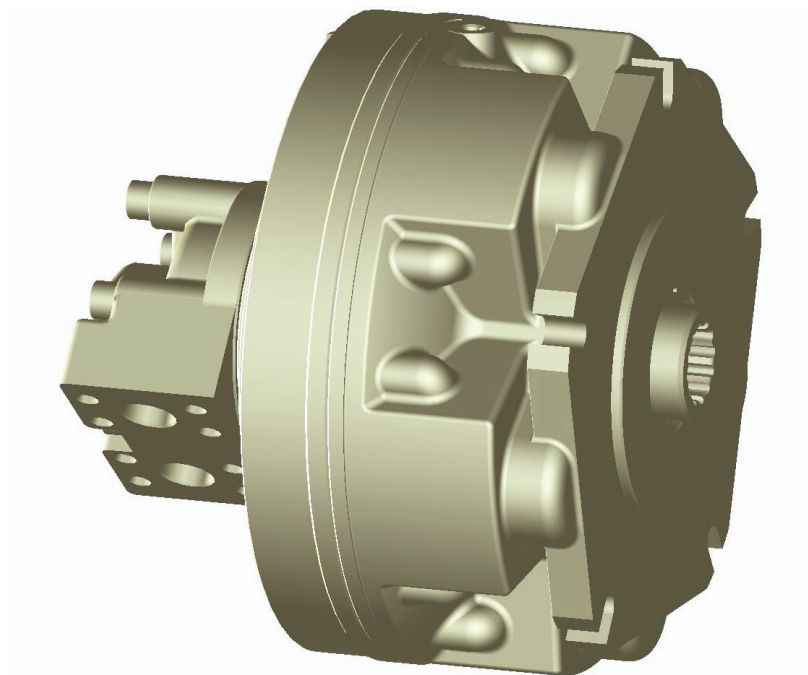
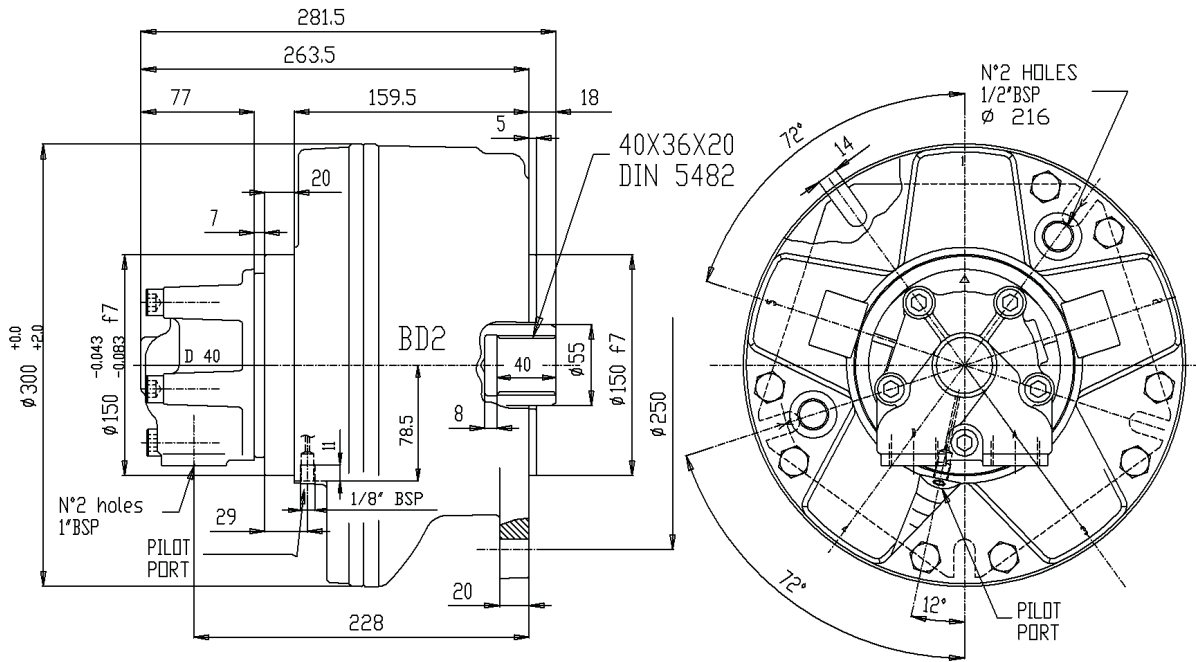


TABELLA DI PERFORMANCE PERFORMANCES TABLE

		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	BD2	500	250	500	175	500	125	350	175	350	125	350	90
Displacement / Cilindrata	[cc/rev]	493	246	493	172	493	123	347	173	347	121	347	87
Bore / Alesaggio	[mm]	56		56		56		47		47		47	
Stroke / Corsa	[mm]	40	20	40	14	40	10	40	20	40	14	40	10
Specific Torque / Coppia Specifica	[Nm/bar]	7.8	3.9	7.8	2.7	7.8	2.0	5.5	2.8	5.5	1.9	5.5	1.4
Pressure Rating / Press.Nominale	[bar]	250		250		250		250		250		250	
Peak Pressure / Pressione di Picco	[bar]	350		300		350		375		375		375	
Cont. Speed / Velocità cont	[rpm]	400	800	400	1100	400	1500	700	1500	700	1500	700	1500
Max Speed / Velocità max	[rpm]	800	1600	800	2000	800	2200	1000	1800	1000	2000	1000	2200
Peak Power / Potenza di Picco	[kW]	75	65	75	65	75	62	75	65	75	65	75	65

Approximative weight	50	[kg]	Peso Approssimativo	50	[kg]
Motor casing oil capacity	3	[l]	Capacità olio corpo motore	3	[l]
Max casing Pressure	15	[bar] (peak)	Pressione max in carcassa	15	[bar] (picco)
	5	[bar] (continuous)		5	[bar] (continuo)
Note:			Nota:		
Continuous or average working pressure should be chosen in function of the required service lifetime (bearing lifetime)			La pressione continua o media di lavoro va determinata in funzione della vita del motore (vita dei cuscinetti)		

DIMENSIONI D'INGOMBRO DIMENSIONAL DRAWING

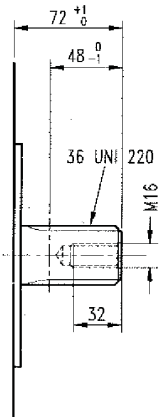


CALETTATURE SPLINE DATA

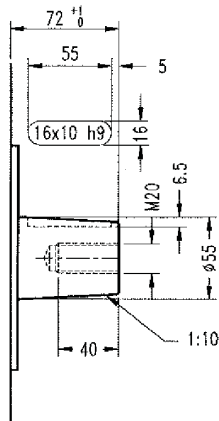
DIN	40-3-12 DIN 5480		36 UNI 221	
	d_0	$\varnothing 36.0$	$\varnothing 36.0$	$+0.025$ H7
	d_1	$\varnothing 40.0$ $+0$ H14	$\varnothing 36.0$ $+0$ H6	$+0.025$ H7
	d_2	$\varnothing 34.0$ $+0$ H11	$\varnothing 40.0$ $+0$ H11	$+0.160$ H11
	A	$\varnothing 5.25$	7	$+0.028$ F7
	d_A	$\varnothing 28.964$		$+0.013$ F7
	d_3	$\varnothing 39.4$ -0 h11	$\varnothing 36.0$ -0.025	g6
	d_4	$\varnothing 33.4$ -0 h14	$\varnothing 40.0$ -0.065	d11
	B	$\varnothing 6$	7	-0.013 f7
	d_B	$\varnothing 45.989$		-0.028

OPZIONI ALBERO SHAFT OPTION

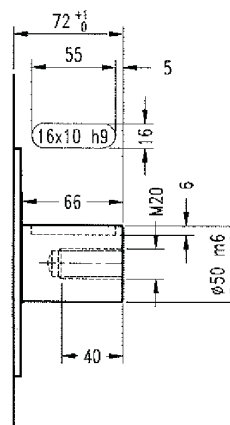
1 Calettato UNI 220



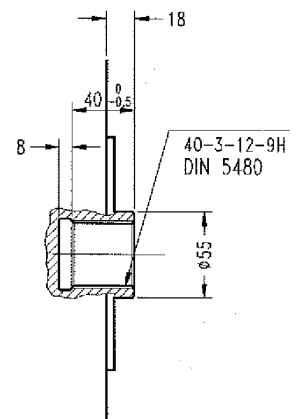
2 Tapered Conico



8 Cylindrical Cilindrico



9 Internal splined DIN 5480



ORDER CODES CODICI D'ORDINE

		BD2	1	2	3	4	5	6	7	8
1	NOMINAL DISPLACEMENT CILINDRATA NOMINALE see motor spec. table vedi tabella cilindrata									
2	SHAFT OPTION OPZIONI ALBERO 1 Male 36 UNI 220 Maschio 36 UNI 220 2 Tapered Conico 8 Cylindrical Cilindrico 9 Female 40-3-12 DIN 5480 Femmina 40-3-12 DIN 5480									
3	BEARINGS CUSCINETTI H Standard - roller bearing Standard - cuscinetti a rulli HGP Spherical roller bearing (rear), roller bearing (front) Cuscinetto rulli di botte (lato coperchio), cuscinetto a rulli (lato corpo)									
4	OTHER OPTION ALTRE OPZIONI U Without shaft seal Senza tenuta albero SV Stainless steel shaft sleeve corr. protect. for shaft seal Manicotto inox sull'albero protezioni anticorrosiva per tenuta V Vytan seal Tenute in vyton I Case press. relief valve 3 bar Valvola di sfiato 3 bar									
5	DISTRIBUTOR DISTRIBUTORE D40 Standard									
6	TACHOMETER CONTAGIRI K Predisposed for tachometer Predisposizione per contagiri J With tachometer Con attacco contagiri									
7	DIRECTION OF SHAFT ROTATION ROTAZIONE ALBERO Standard motors are supplied with clockwise rotation (viewed from shaft end) with flow in port A, out port B I motori sono forniti con rotazione in senso orario (visto dal lato albero) con flusso in ingresso in port A, in uscita in port B R Clockwise rotation Rotazione in senso orario L Anticlockwise rotation Rotazione in senso antiorario									
8	DISTRIBUTOR COVER POSITION POSIZIONE DEL COPERCHIO DISTRIBUTORE - Position DM1 Posizione DM1 DM Other position Altra posizione									