

TD1.5



TABELLA DI PERFORMANCE PERFORMANCES TABLE

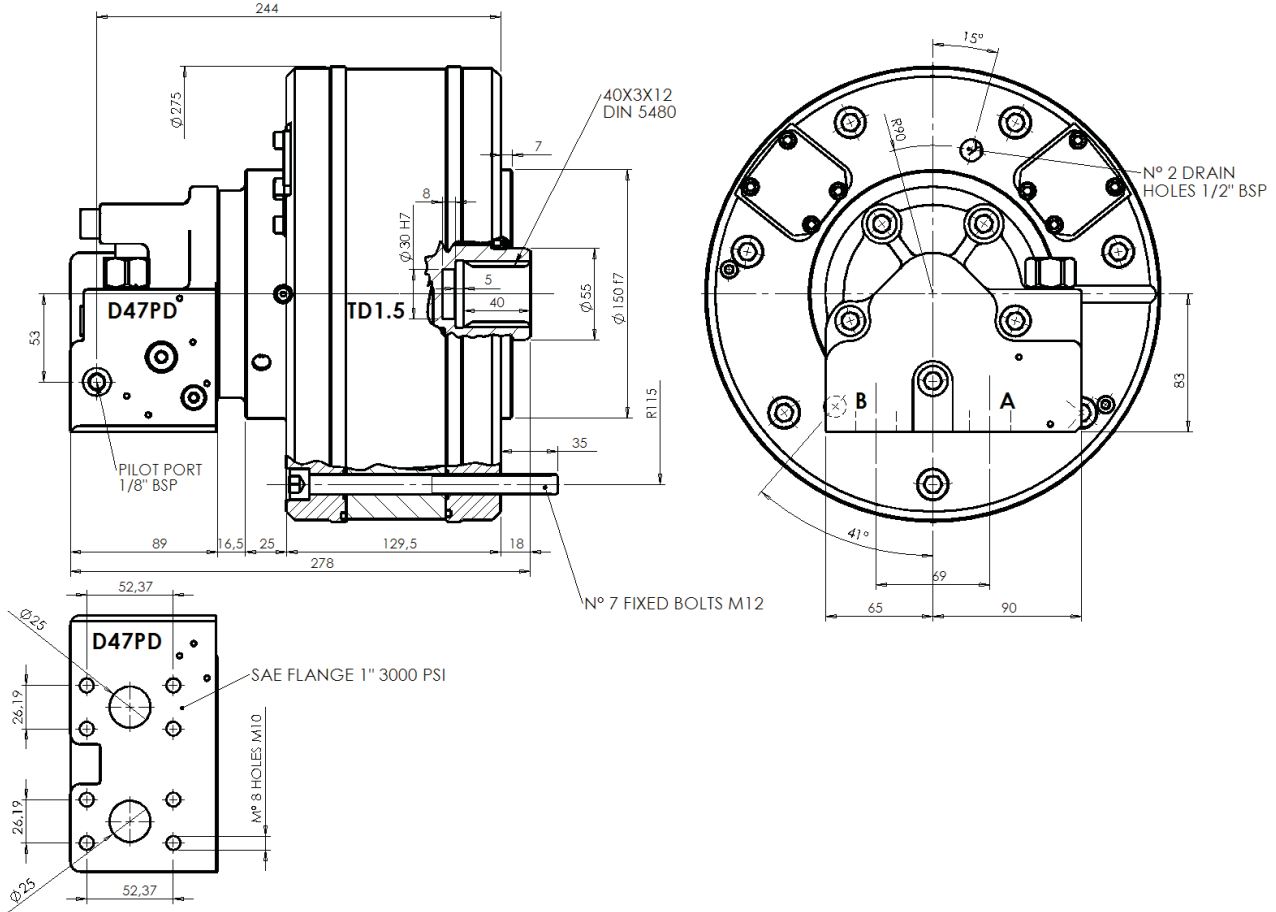
TD1.5		Max	Min*	Max	Min*	Max	Min*	Max	Min*
		140	55	210	70	250	100	350	140
Displacement / Cilindrata	[cc/rev]	138	55	216	86	241	96	341	136
Bore / Alesaggio	[mm]	28		35		37		44	
Stroke / Corsa	[mm]	32	12.8	32	12.8	32	12.8	32	12.8
Specific Torque / Coppia Specifica	[Nm/bar]	2.2	0.9	3.4	1.4	3.8	1.5	5.4	2.2
Pressure Rating / Press.Nominale	[bar]	350		350		350		350	
Peak Pressure / Pressione di Picco	[bar]	425		400		400		375	
Cont. Speed / Velocità cont	[rpm]	500	1800	500	1800	500	1800	500	1400
Max Speed / Velocità max	[rpm]	1000	2500	950	2400	900	2200	750	1900
Peak Power / Potenza di Picco	[kW]	100	100	100	80	100	80	100	80

*Valori di riferimento. Tutti i motori possono essere forniti anche con cilindrata minima minore fino a zero.

*Reference value. All of the motors can be provided with lower minimum displacement till zero.

Approximative weight	94	[kg]	Peso Approssimativo	94	[kg]
Motor casing oil capacity	0.8	[lit]	Capacità olio corpo motore	0.8	[lit]
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**



SPLINE PROFILES

40-3-12 DIN 5480	
d_0	$\varnothing 36.0$
d_1	$\varnothing 40.0$ $\begin{matrix} +0.620 \\ +0 \end{matrix}$ H14
d_2	$\varnothing 34.0$ $\begin{matrix} +0.160 \\ +0 \end{matrix}$ H11
A	$\varnothing 5.25$
d_A	$\varnothing 28.964$ $\begin{matrix} +0.130 \\ 0 \end{matrix}$ H11
d_3	$\varnothing 39.4$ $\begin{matrix} -0 \\ -0.160 \end{matrix}$ h11
d_4	$\varnothing 33.4$ $\begin{matrix} -0 \\ -0.620 \end{matrix}$ h14
B	$\varnothing 6$
d_B	$\varnothing 45.989$ $\begin{matrix} -0.025 \\ -0.064 \end{matrix}$ f8

The diagram shows a cross-section of the spline profile with labels $d_0, d_1, d_2, d_A, d_3, d_4, d_B$ and A, B indicating specific diameters and widths.