

PROVISIONAL LEAFLET

TF3.5

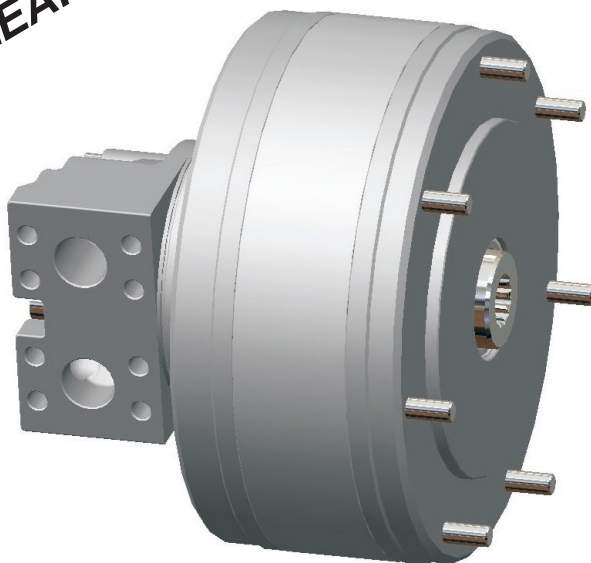
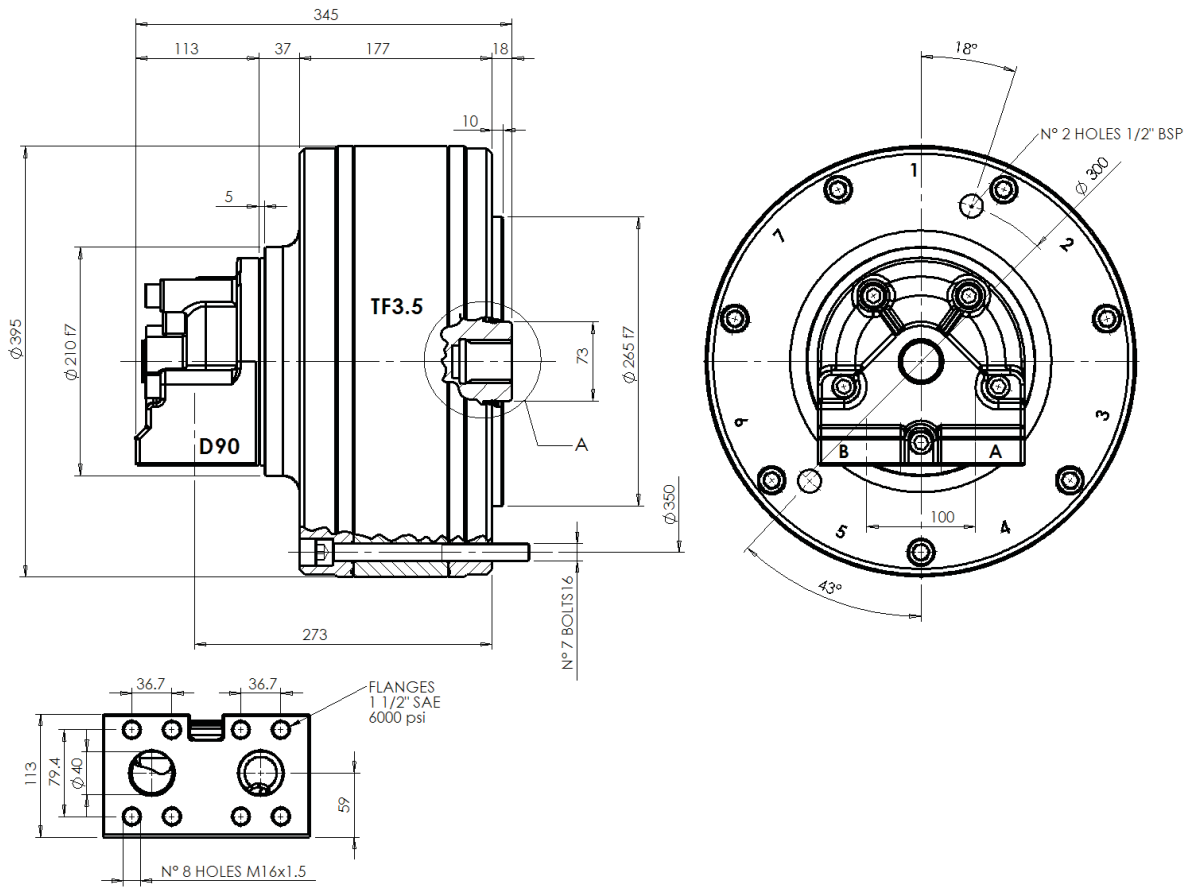


TABELLA DI PERFORMANCE
PERFORMANCES TABLE

TF 3.5		800	1000	1100	1200
Displacement / Cilindrata	[cc/rev]	832	965	1108	1222
Bore / Alesaggio	[mm]	52	56	60	63
Stroke / Corsa	[mm]	56			
Specific Torque / Coppia Specifica	[Nm/bar]	18.55	21.51	24.70	27.23
Pressure Rating / Press.Nominale	[bar]	250			
Peak Pressure / Pressione di Picco	[bar]	400	350	350	350
Cont. Speed / Velocità cont	[rpm]	350			
Max Speed / Velocità max	[rpm]	700	600	600	550
Peak Power / Potenza di Picco	[kW]	140			

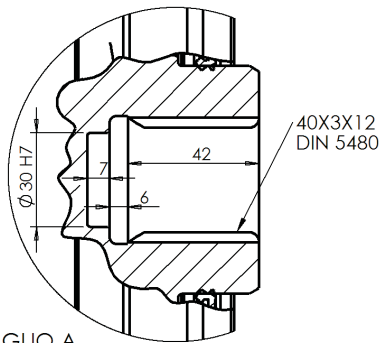
Approximative weight	-	[kg]	Peso Approssimativo	-	[kg]
Motor casing oil capacity	-	[lit]	Capacità olio corpo motore	-	[lit]
Max casing Pressure	5	[bar] (peak)	Pressione max in carcassa	5	[bar] (picco)
	1	[bar] (continuous)		1	[bar] (continuo)
Note:			Nota:		
Continuous or average working pressure should 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 PROFILE

**CALATTATURA INTERNA DIN 5480
INTERNAL SPLINE DIN 5480**

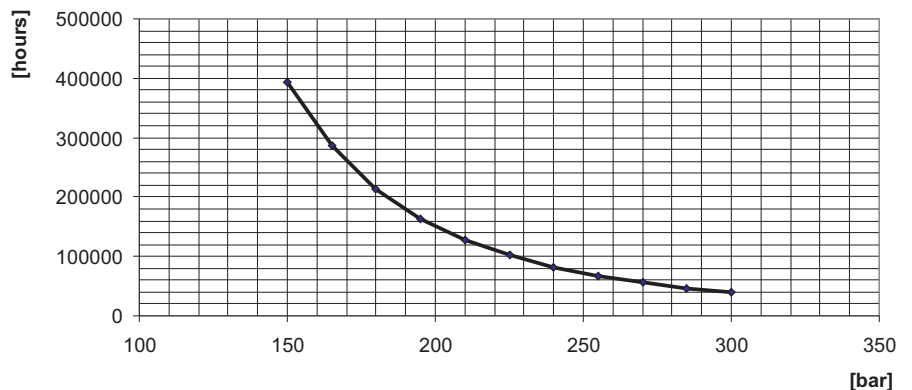


DETAGLIO A

**VITA CUSCINETTI
BEARINGS LIFETIME**

TF 3.5 1000

Motor Lifetime vs continuous working pressure
at continuous speed (600 rpm)



Il grafico non considera carichi radiali applicati sull'albero;
la vita è stata calcolata in accordo con la formula L10SAI
*This graph has been made considering that no radial load is applied on the shaft;
bearing lifetime has been estimated according to L10SAI formulation*

40-3-12 DIN 5480	
d ₀	Ø36.0
d ₁	Ø40.0 ^{+0.020} H14
d ₂	Ø34.0 ^{+0.010} H11
A	Ø5.25
d _A	Ø28.964 ^{+0.150} H11
d ₃	Ø39.4 ⁰ h11
d ₄	Ø33.4 ^{+0.020} h14
B	Ø6
d _B	Ø45.989 ^{+0.025} F8