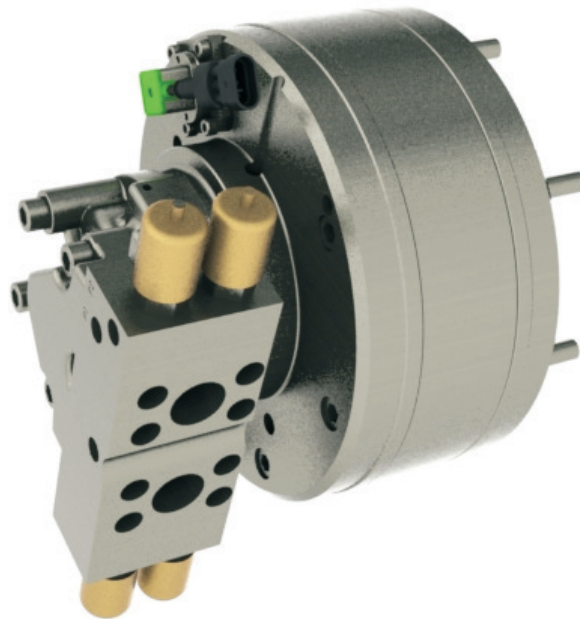


## TV1.5



**TABELLA DI PERFORMANCE**  
**PERFORMANCES TABLE**

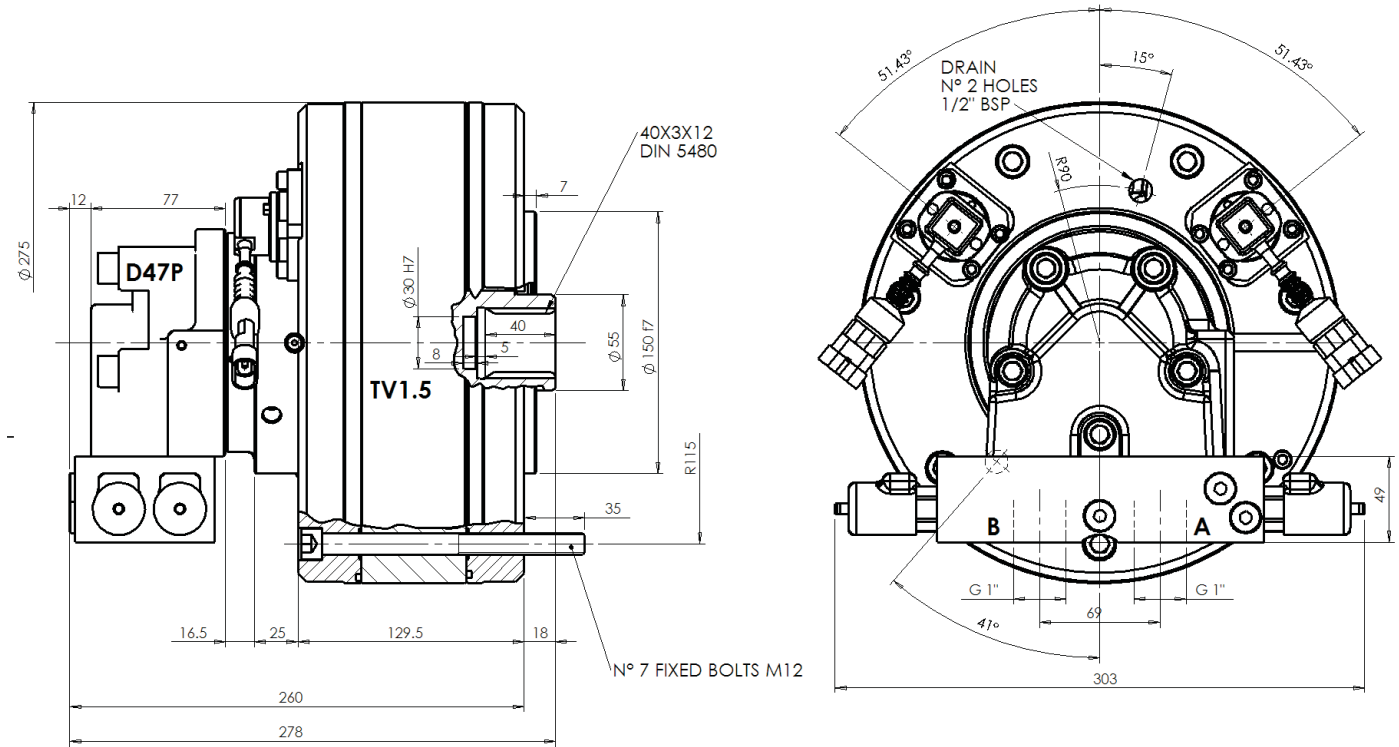
TV1.5		Max	Min*	Max	Min*	Max	Min*	Max	Min*
		140	55	210	70	250	100	350	140
<i>Displacement / Cilindrata</i>	[cc/rev]	139	55	215	70	241	100	340	140
<i>Bore / Alesaggio</i>	[mm]	28		35		37		44	
<i>Stroke / Corsa</i>	[mm]	32	6.4	32	6.4	32	6.4	32	6.4
<i>Specific Torque / Coppia Specifica</i>	[Nm/bar]	2.21	0.88	3.42	1.11	3.84	1.59	5.41	2.23
<i>Pressure Rating / Press.Nominale</i>	[bar]	350		350		350		350	
<i>Peak Pressure / Pressione di Picco</i>	[bar]	425		400		375		350	
<i>Cont. Speed / Velocità cont</i>	[rpm]	500	1800	500	1800	500	1800	500	1400
<i>Max Speed / Velocità max</i>	[rpm]	1000	2500	950	2400	900	2200	750	1900
<i>Peak Power / Potenza di Picco</i>	[kW]	100	80	100	80	100	80	100	80

\*Tutti i motori possono essere forniti anche con cilindrata minima uguale a zero

\*All of the motors can be provided with minimum displacement equal to zero

<i>Approximative weight</i>	94	[kg]	<i>Peso Approssimativo</i>	94	[kg]
<i>Motor casing oil capacity</i>	0.8	[lit]	<i>Capacità olio corpo motore</i>	0.8	[lit]
<i>Max casing Pressure</i>	15	[bar] (peak)	<i>Pressione max in carcassa</i>	15	[bar] (picco)
	5	[bar] (continuous)		5	[bar] (continuo)
<i>Note:</i>			<i>Nota:</i>		
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	
$d_0$	$\phi 36.0$
$d_1$	$\phi 40.0$ $\begin{matrix} +0.620 \\ +0 \end{matrix}$ H14
$d_2$	$\phi 34.0$ $\begin{matrix} +0.160 \\ +0 \end{matrix}$ H11
A	$\phi 5.25$
$d_A$	$\phi 28.964$ $\begin{matrix} +0.130 \\ 0 \end{matrix}$ H11
$d_3$	$\phi 39.4$ $\begin{matrix} -0 \\ -0.160 \end{matrix}$ h11
$d_4$	$\phi 33.4$ $\begin{matrix} -0 \\ -0.620 \end{matrix}$ h14
B	$\phi 6$
$d_B$	$\phi 45.989$ $\begin{matrix} -0.025 \\ -0.064 \end{matrix}$ f8

Spline profile diagram showing dimensions  $d_0$ ,  $d_1$ ,  $d_2$ ,  $d_A$ ,  $d_3$ ,  $d_4$ ,  $d_B$  and A, B.