

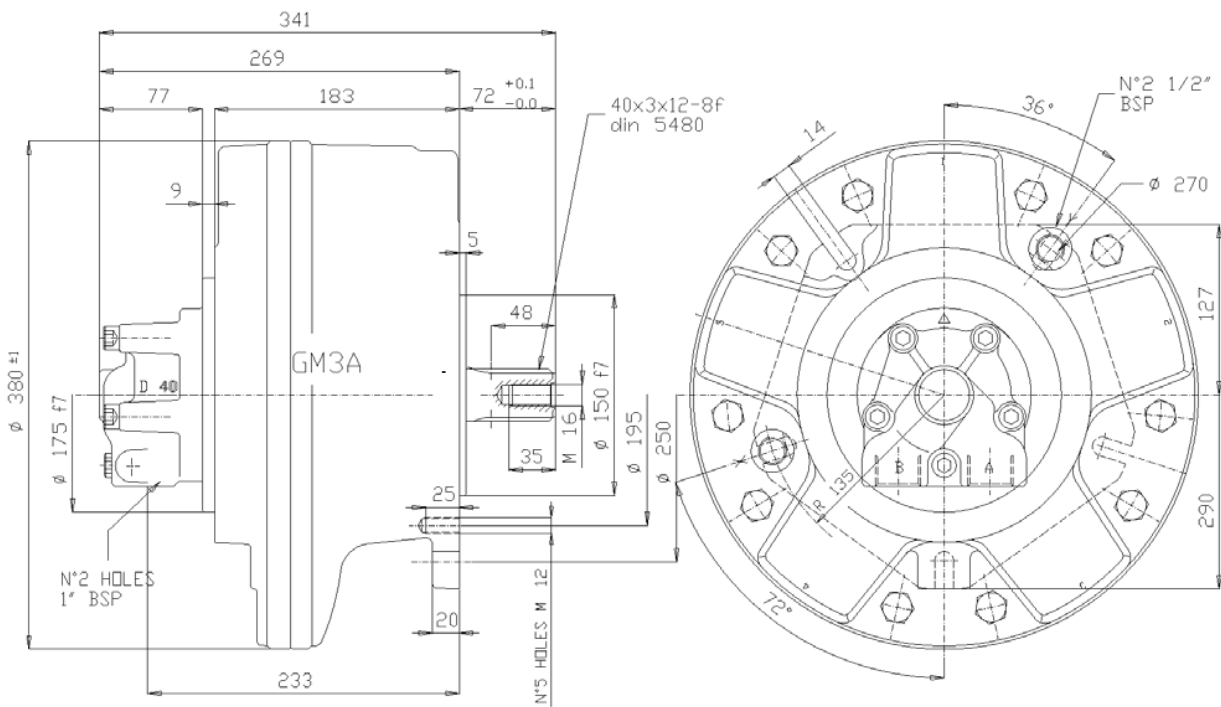
## GM3A


**TABELLA DI PERFORMANCE  
PERFORMANCES TABLE**

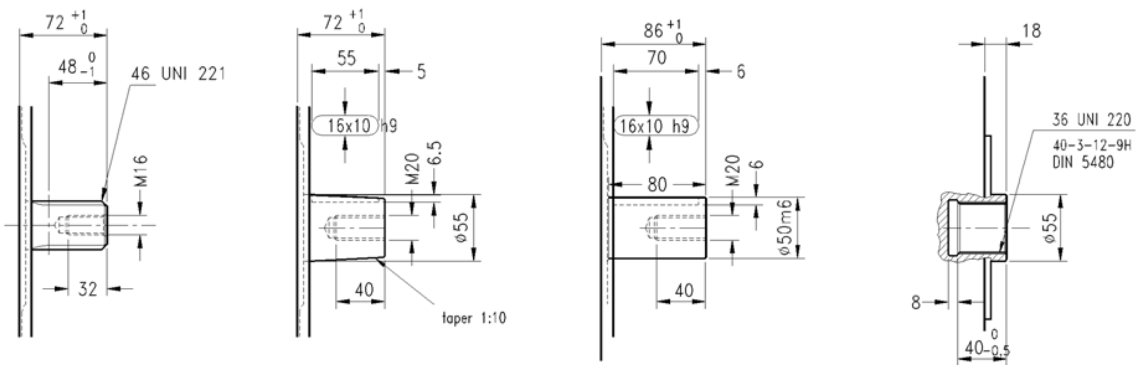
		<b>GM3A</b>	<b>350</b>	<b>425</b>	<b>500</b>	<b>600</b>	<b>700</b>	<b>800</b>
<b>Displacement / Cilindrata</b>	[cc/rev]		352	426	486	595	690	792
<b>Bore / Alesaggio</b>	[mm]		40	44	47	52	56	60
<b>Stroke / Corsa</b>	[mm]		56					
<b>Specific Torque / Coppia Specifica</b>	[Nm/bar]		5,6	6,8	7,7	9,5	11,0	12,6
<b>Pressure Rating / Press. Nominale</b>	[bar]		250	250	250	250	250	250
<b>Peak Pressure / Pressione di Picco</b>	[bar]		450	425	425	400	350	350
<b>Cont. Speed / Velocità cont.</b>	[rpm]		525	500	450	450	400	400
<b>Max. Speed / Velocità max.</b>	[rpm]		700	650	600	575	525	500
<b>Peak Power / Potenza di Picco</b>	[kW]		80	80	80	80	80	80

<b>Approximative weight</b>	<b>86</b>	<b>[kg]</b>	<b>Peso approssimativo</b>	<b>86</b>	<b>[kg]</b>
<b>Approximative oil capacity</b>	<b>4,5</b>	<b>[l]</b>	<b>Capacità di olio approssimativa</b>	<b>4,5</b>	<b>[l]</b>
<b>Max casing Pressure</b> <sup>2</sup>	continuous	<b>1</b>	<b>Pressione max in carcassa</b> <sup>2</sup>	continuo	<b>1</b>
	peak	<b>5</b>		picco	<b>5</b>
<b>Note:</b>			<b>Note:</b>		
1) Continuous or average working pressure should be chosen in function of the bearing lifetime. For lifetime calculation of motor bearings please consult SAI Tech. Dept.			1) La pressione continua o media di lavoro va determinata in funzione della vita dei cuscinetti. Per un calcolo di vita dei cuscinetti del motore consultare l'Ufficio Tecnico SAI.		
2) For higher case pressure please consult SAI Tech. Dept.			2) Per pressioni più elevate in carcassa consultare l'Ufficio Tecnico SAI		

**DIMENSIONI D'INGOMBRO  
DIMENSIONAL DRAWING**



- Splined DIN 5480 7  
Calettato UNI 221 1  
UNI 220 36\*
- Tapered 2  
Conico
- Cylindrical 8  
Cilindrico
- Internal spline DIN 5480 9  
Calett. Intern. UNI 220 3



\* Albero 36 UNI 220 Valori limite di pressione / Pressure limit value of 36 UNI 220 shaft

Cilindrata / Displacement	350	425	500	600	700	800	cm3/rev
Pressione max / Max pressure	450	400	350	290	250	215	bar

d <sub>1</sub>	Ø46.0	+0.030 +0	H7
d <sub>2</sub>	Ø54.0	+0.190 +0	H11
A	Ø9.0	+0.028 +0.013	F7
d <sub>3</sub>	Ø46.0	-0.009 -0.025	g6
d <sub>4</sub>	Ø54.0	-0.100 -0.290	d11
B	Ø9.0	-0.013 -0.028	f7

d <sub>0</sub>	Ø36.0		
d <sub>1</sub>	Ø40.0	+0.620 +0	H14
d <sub>2</sub>	Ø34.0	+0.160 +0	H11
A	Ø5.25		
d <sub>A</sub>	Ø28.964		H11
d <sub>3</sub>	Ø39.4	-0 -0.160	h11
d <sub>4</sub>	Ø33.4	-0 -0.620	h14
B	Ø6		
d <sub>B</sub>	Ø45.989		g8

d <sub>1</sub>	Ø36.0	+0.025 +0	H7
d <sub>2</sub>	Ø40.0	+0.160 +0	H11
A	Ø7.0	+0.028 +0.013	F7
d <sub>3</sub>	Ø36.0	-0.009 -0.025	g6
d <sub>4</sub>	Ø40.0	-0.065 -0.160	d11
B	Ø7.0	-0.013 -0.028	f7

**CALETTATURE  
SPLINE DATA**