

GM2 / GM3A + R24



TABELLA DI PERFORMANCE PERFORMANCES TABLE

GM2 / GM3A+ R24

Reduction Ratio / Rapp. Riduzione		6,231:1					
Motor model		GM2				GM3A	
Nominal Displacement / Cilindrata Nominale		2700	3000	3500	3900	4300	5000
Displacement / Cilindrata	[cc/rev]	2647	3069	3524	3885	4297	4933
Specific Torque / Coppia Specifica	[Nm/bar]	42.1	48.9	56.1	61.8	68.4	78.5
Peak Pressure / Pressione di Picco	[bar]	350	350	300	280	260 *	230 *
Max Torque / Max Coppia	[Nm]	14700	17000	16800	17300	18000	18000
Max Speed / Massima Velocità	[rpm]	120	110	110	100	80	80
Peak Power / Potenza di Picco	[kW]	59				80	

* Peak pressure limitation due to output torque limit of 18000 Nm

* Pressione di picco limitata per la massima coppia ammissibile di 18000 Nm

Approximative mass	120 - 160	[kg]	Massa approssimativa	120 - 160	[kg]
Motor casing oil capacity	2 - 4,5	[l]	Capacità olio corpo motore	2 - 4,5	[l]
Max casing Pressure	5	[bar] (peak)	Pressione max in carcassa	5	[bar] (picco)
	1	[bar] (continuous)		1	[bar] (continuo)

Note:

For higher pressure please contact SAI Technical Department.
Maximum speed to be revised according to distributor's and valves' flow capability.

Nota:

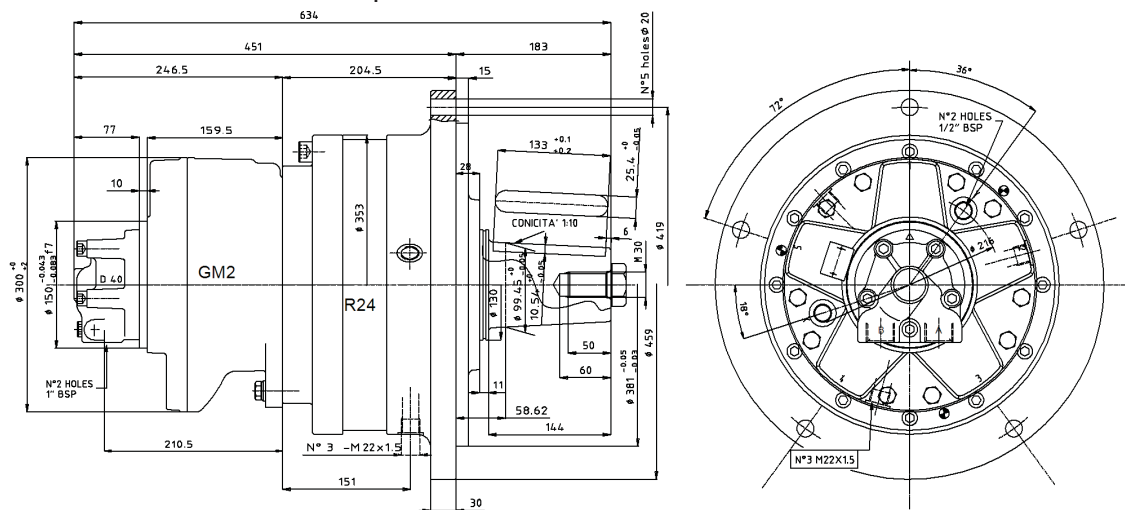
Per pressioni più elevate consultare l'Ufficio Tecnico SAI. Velocità massima da adattare alla portata del distributore e delle valvole.

PRODUCT COMPONENTS

- R24 Gearbox
- GM2 / GM3A Hydraulic motor series
- Standard fitting with D40 distributor *

FEATURES

- Internal connection between case and return line allows the unit to be installed without drain line for system with max return pressure up to 25 bar
- Stainless steel sleeve on shaft seal easy to replace without disassemble the gearbox
- High radial load capability and long life bearing
- Lighter than direct drive motor



* Available also in the version with integrated valve block, see here below schema.

