

The Baumüller 12-pole external rotor synchronous motor features a very high torque density and outstanding constant speed characteristics.

DSA external-rotor motors for applications with high torque density requirements, such as

Pumps  
Fans and blowers  
Printing machines  
Handling machines  
Medical equipment



DSA071 - Three-phase current external-rotor motors

- High torque density
- Very good constant speed characteristics
- Energy savings due to high efficiency
- Compact design
- Degree of protection to IP65
- Permanently excited synchronous motors
- Frameless solutions (rotor and stator) are available
- Rotor position sensing with Hall sensors
- Other encoders are available upon request



DSA motors are available in unventilated versions.

#### Technical data

	DSA071-172/0710	DSA071-352/0500	DSA072-408/0475	DSA071-1200/0250
PN k[W]	0,21	0,26	0,23	0,24
nM [min-1]	4600	5700	5000	5150
J [kg cm <sup>2</sup> ]	8	8	8	8
M0 [Nm]	0,49	0,49	0,49	0,49
M0max [Nm]	1,2	1,3	1,3	1,0
	DSA071-172/0710	DSA071-352/0500	DSA072-408/0475	DSA071-1200/0250
PN [hp]	0,28	0,35	0,31	0,32
nM [min-1]	4600	5700	5000	5150

J [lb in <sup>2</sup> ]	2,37	2,37	2,37	2,37
M0 [lbf ft]	0,36	0,36	0,36	0,36
M0max lbf ft]	0,89	0,96	0,96	0,74

Subject to change. The stated values are maximum values.

For detailed information, please refer to the relevant technical data sheets.