



Siemens GP General Purpose motors.

Reliable, highly efficient output

The Siemens GP (General Purpose) low-voltage motors from Siemens are highly efficient and thanks to their Cast-iron enclosure proven to be suitable for a variety of standard drive tasks and excel in both industrial environments and infrastructure.

The motors' design and architecture ensure maximum flexibility and minimum operating and installation effort. Their proven reliability and consistent performance make them particularly well-suited for use in demanding industrial applications such as pumps, fans, and compressors. These environments require equipment that can operate efficiently under continuous load conditions, and their robust design ensures long-term durability, minimal maintenance, and optimal operational efficiency.



Technical overview

Technology	Asynchronous
Enclosure material	
Rated power	0.75 – 132 kw
Shaft height	63 – 200 mm
Number of poles	4
Speed range	Up to 6,000 rpm
Torque range	0.61 – 294 Nm
Rated voltage	400 – 690 V
Converter operation without filter	Up to 480 V
Temperature class	F/B (DOL), F/F (VFD)
Ambient temperature	-40 to +60° C
Designs	B3, V1, B35, V5, V6 (more on request)
Cooling method	IC411, IC416, IC418
Degree of protection	IP55, IP56, IP65, IP66
Explosion protection	–
Efficiency class	IE3, IE4
Recommended converters	SINAMICS G120, G120X, G220, S120

Certificates

Our partner Siemens AG has the right solution for you:
[siemens.com/sinamics](https://www.siemens.com/sinamics)
CE, UL-S, CSA-S, UKCA, VIK, CEL,
KEMCO, marine, railway

Typical areas of application:

- Heating
- Ventilation
- Air-conditioning
- Water/wastewater
- Food & beverage
- Battery production



