

SIMOGEAR Geared Motors

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SIMOGEAR

Answers for industry.

SIEMENS

Introduction

Orientation

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Overview

SIMOGEAR geared motors are the new generation of geared motors from Siemens.

SIMOGEAR geared motors are available as helical, parallel shaft and bevel geared motors.

State-of-the-art production technology and improved testing methods ensure the highest degree of quality and reliability.

Geared motors


Gearbox type	Gearbox designation	Number of sizes	Maximum output torque T_{2N} Nm	Transmission ratio	Maximum motor power ¹⁾ P_1 kW
Helical geared motors					
	Z19 ... Z89 (2-stage)	8	100 ... 1 680	3.4 ... 60	15
	D19 ... D89 (3-stage)	8	100 ... 1 680	39 ... 330	15

Fig. 1-1 Helical gearboxes D/Z


Parallel shaft geared motors					
	FZ29 ... FZ89 (2-stage)	6	150 ... 1 850	3.5 ... 65	15
	FD29 ... FD89 (3-stage)	6	150 ... 1 850	46 ... 357	15

Fig. 1-2 Parallel shaft gearboxes FD/FZ

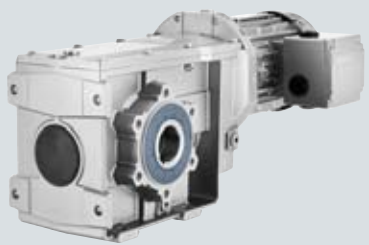
Bevel geared motors					
	B29 ... B49 (2-stage)	3	110 ... 450	3.5 ... 59	7.5

Fig. 1-3 Bevel gearbox B


	K39 ... K89 (3-stage)	5	220 ... 1 600	5.1 ... 224	15
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Fig. 1-4 Bevel gearbox K

¹⁾ With 4-pole motor for a 50 Hz line frequency