SIEMENS

Datasheet for SIMOGEAR Geared Motors

20.11

MLFB-Ordering data : **2KJ3620-5BC22-9FC1-Z**

D16+H02+K01+K07+L02+L50+M61+N4A

Client order no. :
Order no. :
Offer no. :
Item no. :
Consignment no. :
Project :

Attention: the motor is able to overload the gear unit. The maximum nominal torque may not be exceeded.

Motor data

U [V]	D/Y	f_N [Hz]	P_N [kW]	P_N [hp]	I_N [A]	n_N [rpm]	T_N [Nm]	IE-CL	Operating mode	n_2 [rpm]	T_2 [Nm]	f_B	$\eta_{4/4\ load}$ [%]	$\eta_{3/4\ load}$ [%]	cos φ	I_A/I_N	T_A/T_N	T_K/T_N	T_H/T_N
230	D	60	0.120	0.16	0.78	1,710	0.67	IE2	S1	5.065	133.89	0.70	64.0	60.3	0.60	3.70	2.90	3.20	3.20
400	Y	60	0.120	0.16	0.45	1,710	0.67	IE2	S1	5.065	133.89	0.70	64.0	60.3	0.60	3.70	2.90	3.20	3.20

Motor type	1LE motor with High Efficiency LE63MEB4E
Number of poles	4-pole
Degree of protection	(K01) IP55
Thermal class	155 (F)
Moment of inertia Jmot	0.00037 kgm²
Terminal box position	(M61) 2C
Electrical connection at terminal box	Cable gland metric
Ventilation	Standard fan

Geared motor

Type designation	SIMOGEAR CAF29-Z19-LE63MEB4E
Gearbox	Helical worm gearbox CAF29-Z19
Mounting type gearbox	Flange-mounted design
Output shaft	H20 mm (Hollow shaft)
Mounting position	(D16) M6 output side A
Transmission ratio	337.56 (65,824 / 195)
Nominal torque	94.00 Nm
Gear oil	(K07) Synthetic oil CLP PG VG220
Oil charge	0.5 l
Specification	CE (Europe / other countries)
Environment temperature	(K95) -20 ... +40 °C
Weight without oil	12.6 kg
Housing material first gearbox	Aluminum
Housing material second gearbox	Aluminum

General options

Surface treatments	Painted
Coating	(L02) Coating for normal environmental stress C1
RAL Color	(L50) 5015 sky blue
Coating on flange	-
Packing	Standard packing

Further information

General product information	SIMOGEAR
Configurator	2KJ.....
Operating instructions	
Gearbox	BA 2030
Motor	BA 2330
Catalog	MD 50.1 Geared motors

Gearbox options

Flange diameter	(H02) 120 mm
Hollow shaft cover	Sealing cap
Output shaft bearing	Standard bearing
Output shaft sealing	Standard sealing
Gearbox breather	Pressure breather valve
Oil level control	Without
Oil drain	Oil drain plug

Motor options

Motor protection	Without

Legend

U = Voltage
D / Y = Circuit
f = Frequency
P_N = Rated motor power
I_N = Rated current
n_N = Rated motor speed
T_N = Rated motor torque
IE-CL = Efficiency class
n_2 = Geared motor output speed
T_2 = Geared motor output torque
f_B = Service factor
η = Efficiency
*) On request
cos φ = Power factor
I_A/I_N = Relative starting current
T_A/T_N = Relative starting torque
T_K/T_N = Relative breakdown torque
T_H/T_N = Relative average acceleration torque