SIEMENS

Datasheet for SIMOGEAR Geared Motors

19.42

MLFB-Ordering data : **2KJ3603-6CE22-9HM2-Z**

D14+K01+K08+L03+L75+M12+M56+N04+N4H

Client order no. :
Order no. :
Offer no. :

Item no. :
Consignment no. :
Project :

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
460	Y	60	0.370	0.49	0.96	1,705	2.07	IE2	S1	6.429	389.23	0.90	72.0	71.2	0.67	4.40	2.80	2.80	3.10

Motor type	1LE motor with High Efficiency LE71ZMK4E
Number of poles	4-pole
Degree of protection	(K01) IP55
Thermal class	155 (F)
Moment of inertia Jmot	0.00095 kgm²
Terminal box position	(M56) 1B
Electrical connection at terminal box	(N04) Motor plug HAN10E (1 bracket)
Ventilation	Standard fan

Geared motor

Type designation	SIMOGEAR CAZ49-LE71ZMK4E
Gearbox	Helical worm gearbox CAZ49
Mounting type gearbox	Housing flange
Output shaft	H35 mm (Hollow shaft)
Mounting position	(D14) M4 output side A
Transmission ratio	265.20 (1,326 / 5)
Nominal torque	350.00 Nm
Gear oil	(K08) Synthetic oil CLP PG VG460
Oil charge	1.9 l
Specification	CE (Europe / other countries)
Environment temperature	(K95) -20 ... +40 °C
Weight without oil	23.0 kg
Housing material first gearbox	Cast iron

General options

Surface treatments	Painted
Coating	(L03) Coating for low environmental stress C2
RAL Color	(L75) 7016 anthracite gray
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

Hollow shaft cover	Sealing cap
Output shaft bearing	Standard bearing
Output shaft sealing	Standard sealing
Gearbox breather	Pressure breather valve
Oil level control	Oil level screw
Oil drain	Oil drain plug

Motor options

Motor protection	(M12) Temperature switch winding thermostat (NC contact), disconnection

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