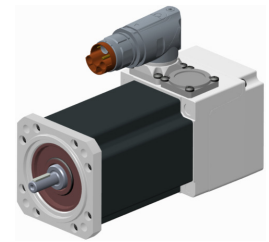


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SERVO MOTOR 067UDA600DAEGC



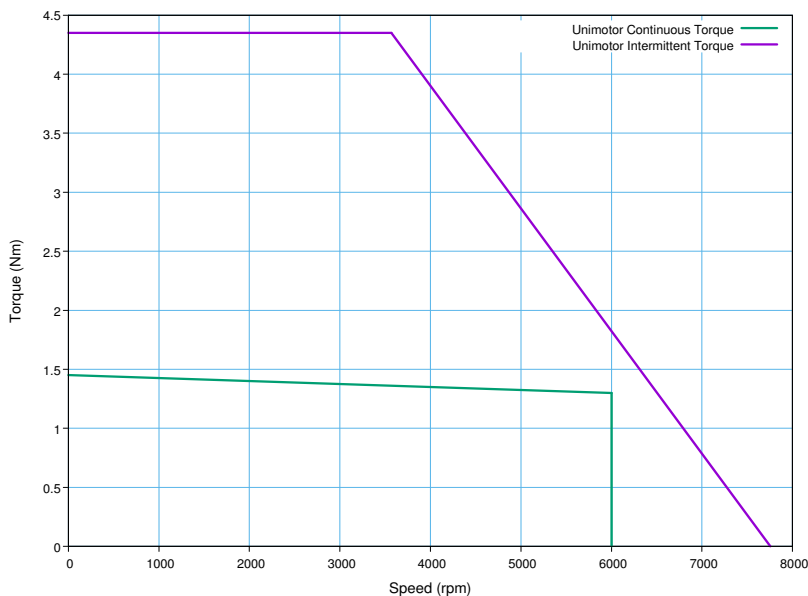
Definition

Type	Unimotor HD	
Frame Size (mm)	067	
Voltage	U	U - 400V
Magnet type	D	D - High dynamic
Frame Length	A	
Speed (min-1)	60	6000
Brake	0	Unbraked
Connection type	D	D - Single cable, Power and Signal combined, 90° rotatable
Output shaft	A	with key
Feedback device code	EG	EG - Inductive Multi-Turn EnDat 2.2/22 (EQI 1131 FS)
Inertia & thermistor	C	C - Standard + KTY thermistor
PCD	075	075 (FF 75 / 60)
Shaft Diameter	140	14j6 x 30.0
Fan box	-	
Insulation class	F	
UL Motor / UL Stator	UL Stator	

Nominal characteristics

Motor Ambient Temperature (°C)	40	Drive Fsw (kHz)	12
Motor Stall Torque (N.m)	1.45	Stall Current (A)	1.81
Rated Torque (N.m)	1.30	Rated Current (A)	1.62
Motor Peak Torque (N.m)	4.35	Kt (Nm/A)	0.8
Rated Power (kW)	0.82	Ke (V/kmin-1)	49.0
Winding Thermal Time Constant (s)	54	R (ph-ph) (Ohm)	11.69
Number of Poles	10	L (ph-ph) (mH)	35.2
Maximum Cogging (N.m)	0.02		
Inertia (kg.cm ²)	0.30	Weight (kg)	1.96
Ingress Protection Level (IP)	IP65		

Torque / speed graph

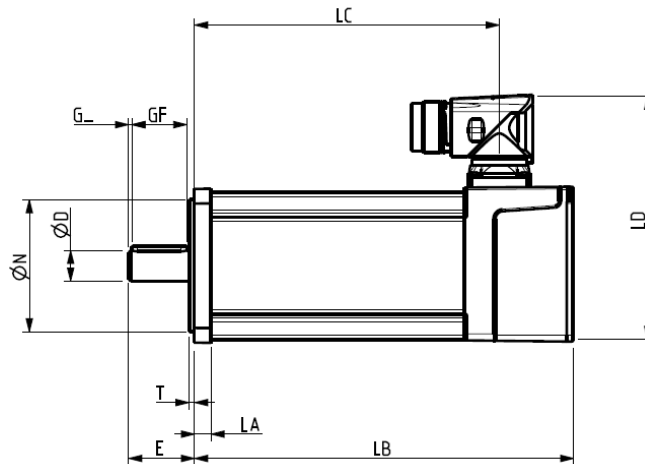
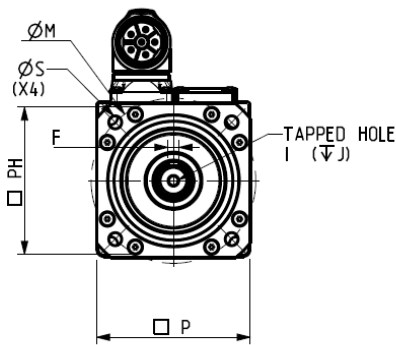


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Motor (° & mm)

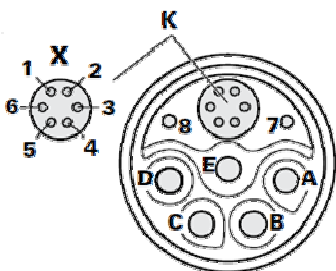


LB	Total length	142.9
LC	Power connector position	109.0
LA	Flange thickness	7.7
T	Register Length	2.5
N	Register Diameter	60.0
LD	Connector overall height	110.9
P	Flange Square	70.0
S	Fixing Hole Diameter	5.8
M	Fixing hole PCD	75.0
PH	Motor Housing Width	67.0
D	Shaft Diameter	14j6
E	Shaft Length	30.0
GA	Key Height	16.0
GF	Key Length	25.0
G	Key to Shaft End	1.5
F	Key Width	5.0
I	Tapped Hole Thread Size	M5x0.8
J	Tapped Hole Depth	13.5
	Mounting Bolt	M5

Motor electrical interface

Feedback device code : EG - Inductive Multi-Turn EnDat 2.2/22 (EQI 1131 FS)

Connection type: D - Single cable, Power and Signal combined, 90° rotatable



Power
 A Phase U
 B Phase V
 C Phase W
 D -
 E Ground
 7 -
 8 -
 Shell - Screen

Signal
 1 + Volts
 2 0 Volts
 3 + Data
 4 - Data
 5 + Clock
 6 - Clock
 Shell - Screen