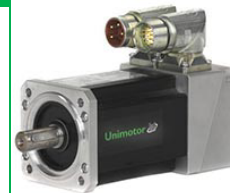


N° :

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SERVO MOTOR 067EDC305BACRA



Definition

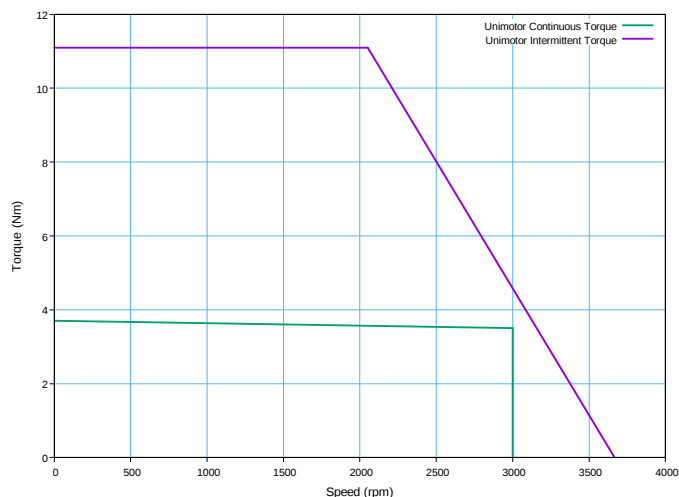
Type	Unimotor HD	
Frame Size (mm)	067	
Voltage	E	E - 220V
Magnet type	D	D - High dynamic
Frame Length	C	
Speed (min-1)	30	3000
Brake	5	Braked
Connection type	B	B - Power and Signal 90° rotatable
Output shaft	A	Key
Feedback device code	CR	CR - 4096 ppr Incremental encoder (R35i)
Inertia & thermistor	A	A - Standard
PCD	075	075 (FF 75 / 60)
Shaft Diameter	140	14j6 x 30,0 .
Fan box	-	
Classe d'isolation	F	
UL Motor / UL Stator	UL Motor / UL Stator	

Nominal characteristics

Motor Ambient Temperature (°C)	40	Drive Fsw (kHz)	12
Motor Stall Torque (N.m)	3,70	Stall Current (A)	4,00
Rated Torque (N.m)	3,50	Rated Current (A)	3,8
Motor Peak Torque (N.m)	11,10	I max (A)	11,94
Rated Power (kW)	1,10	Kt (Nm/A)	0,93
Winding Thermal Time Constant (s)	65	Ke (V/kmin-1)	57,00
Number of Poles	10	R (ph-ph) (Ohm)	3,33
Maximum Cogging (N.m)	0	L (ph-ph) (mH)	12,70
Inertia (kg.cm²)	0,82	Weight (kg)	2,80
Ingress Protection Level (IP)	IP65		

Brake	Braked	Static Torque (N.m)	4,0
Release Time (ms)	50	Backlash (°)	0,75
Brake Supply Voltage (V)	24	Brake Coil Power (W)	10,2

Torque / speed graph

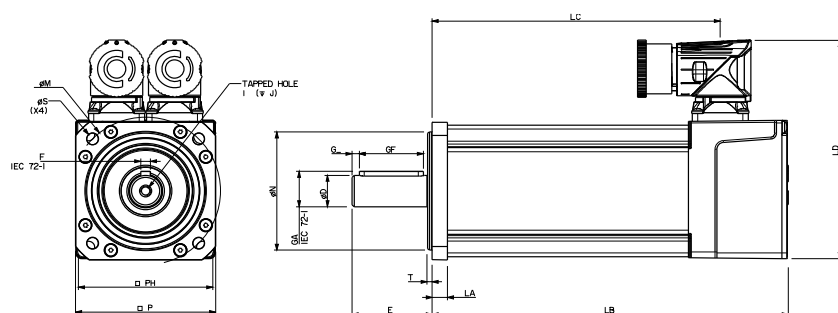


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Date : 12 févr. 2019

SERVO MOTOR 067EDC305BACRA - Unimotor HD 067EDC305BACRA

Motor (° & mm)



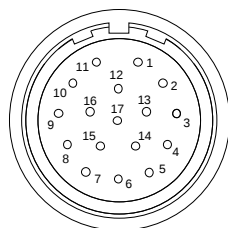
LB	Total length	237,70
LB1	length with hybrid box	187,80
LC	Power connector position	203,79
LJ	Hybrid box position	187,80
LA	Flange thickness	7,5
T	Register Length	2,5
N	Register Diameter	60,0
LD	Power connector overall height	111,00
LD1	Signal connector overall height	111,00
P	Flange Square	70,0
S	Fixing Hole Diameter	5,8
M	Fixing hole PCD	75
PH	Motor Housing Width	67
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
I	Tapped Hole Thread Size	M5x0.8
J	Tapped Hole Depth	13,5
	Mounting Bolt	M5

Motor electrical interface

Feedback device code : CR - 4096 ppr Incremental encoder (R35i)

Connection type :
Section des fils :

B - Power and Signal 90° rotatable
4G1 + 2x 0.5 (A)



1 - CTP	10 - A
2 - CTP	11 - Z
3 - -	12 - Z/
4 - U	13 - A/
5 - U/	14 - B
6 - V	15 - B/
7 - V/	16 - Power
8 - W	17 - 0V
9 - W/	Screen

