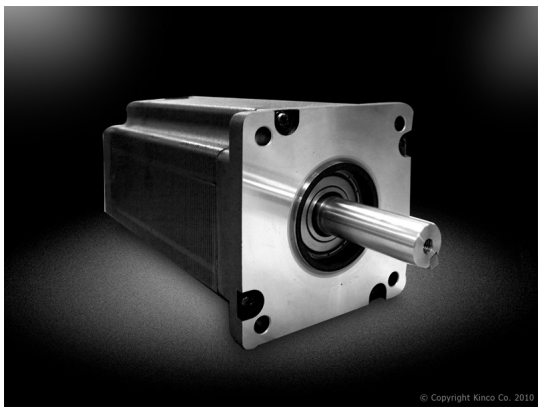
SMH110D-0125-30AA





Medium Inertia Servo Motor

- Flange Size: 110mm
- Rated Power: 1.05KW up to 1.88KW
- Speed: 2000rpm/3000rpm
- 8 ?????
- 2500ppr increamental encoder, 5-6 Nm

Rating: Not Rated Yet
Price
Sales price without tax 473,00 €

Ask a question about this product

ManufacturerELCON | Systems & Components

Description

Motor Series	Medium Inertia, Flange Size 110mm					
Model	**SMH110D-0125-**	**SMH110D-0126-**	**SMH110D-0105-**	**SMH110D-0157-**	**SMH110D-0126-**	**SMH110D-0188-**
Compatible Driver	**30AAK-4LKX CD430-0125-**	**30AAK-4HKX CD620-0126-**	**20AAK-4LKX CD430-0105-**	**30AAK-4HKX CD620-0157-**	**20AAK-4LKX CD430-0126-**	**30AAK-4HKX CD620-0188-**
DC Link Voltage	**0065-AA-000** 300	**0043-AA-000** 560	**0054-AA-000** 300	**0054-AA-000** 560	**0062-AA-000** 300	**0062-AA-000** 560
UDC Rated Power	1250	1260	1050	1570	1260	1880
PN(W) Rated Torque TN(Nm)	4	4	5		6	
Rated Speed nN(Rpm)	3000	3000	2000	3000	2000	3000
Rated Current IN (A)	6.5	4.3	5.9		6.2	
Maximum Torque	12	12	15		18	

Tm (Nm) **Maximum Current**	19.5	12.9	17.7	18.6
Im (A) **Standstill Torque**	4.4	4.4	5.5	6.6
TS (Nm) **Standstill Current**	6.82	4.73	6.49	6.765
IS (A) **Resistance**	0.8	1.83	1.03	1.258
Line-Line RL (?) **Inductance**	6.4	13.5	7.8	9.62
Line-Line LL (mH) **Electrical Time Constant**	7.9	7.37	7.57	7.64
?e (ms) **Mechanical Time Constant**	1.4	1.63	1.55	1.65
?m (ms) **Reverse Voltage Constant Ke(V/krpm)**	45	64	55	64
Torque Constant	0.744	1.058	0.91	1.058
Kt (Nm/A) **Rotor Moment of Inertia Jm(Kg·cm²)**	5.8	5.8	7.2	8.5
Pole Pair Number	4	4	4	4
Maximum Voltage	8	8	8	8
Rising du/dt(KV/?s)				
Insulation Class	F	F	F	F
Maximum Radial Force	630	630	630	630
F (N) **Maximum Axial Force**	315	315	315	315
F (N) **Weight**	6.2	6.2	7.2	8.2
G(Kg) **Length of Motor**	168	168	185	202
L(mm) **Position Feedback**	Incremental Encoder 2500ppr			
Device				
Cooling Method	Totally Enclosed, Non-Ventilated			
Protection Level	IP65 for Body, Shaft Sealing IP54			
Temperature	-20?~40?			
Humidity	Below 90% RH (No Condensing)			
Ambient Enviroment	Away from Active Gas, Combustible Gas, Oil Drops and Dust			
Altitude	Maximum Altitude 4000m, Rated Power at 1000m or Below, Above 1000m: Decreasing 1.5% Per 100m Rise			

Servo System