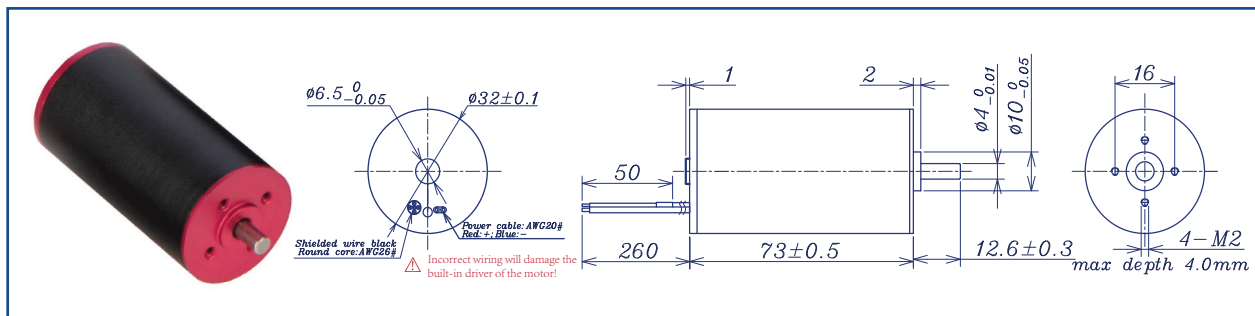


AM-PI3273AN SERIES (Built-In Position Control)

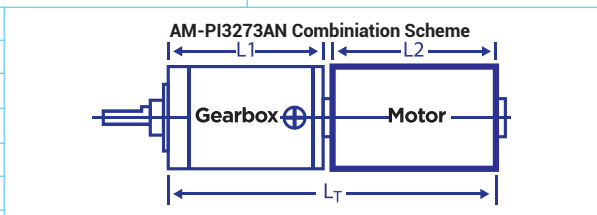


	Brushless Servo Motor	Ball Bearing
Motor Model	2410	
Nominal voltage	V 24	
Voltage range	V 21.5~26.5	
No-load holding current	mA 45	
Static holding torque	mN·m 35.0	
Static holding current	mA 320	
Rated torque	mN·m 35.0	
Rated speed	rpm 10000	
Pulse number / circle	Pulse / circle 256	
Overload torque	mN.m 70.0	
Maximum overload time	second 3	
Moment of inertia	gcm ² 13.3	
Weight	g 270	

Additional Information			
Note: Excessive shock loads and periodic oscillations can cause the motor to run unsteadily. Stabilize the system by improving the load.			
Motor thermal resistance:	7.8 K/W	Motor thermal time constant:	1089 S
Axial (dynamic):	6.0 N	Radial (5mm from head face):	16.0 N
Press-fit force (static):	50 N	Max allowable screw depth into flange:	4.0 mm
Maximum radial runout (5mm from the thread surface):	≤0.02 mm	Axial play:	0 (<6.0N)
Maximum winding temperature	85°C	Ambient temperature range:	-30 to 65 °C

Control function description		Part Information	
Input level description	VIL max 1.2V ; VIH min 22V	<p>Wiring diagram</p>	<p>Recommended pulse control curve</p>
Pulse input (red)	Falling edge is valid		
Direction control (white)	High CW Low CCW		
Enable input (yellow)	VIL Enable		
Feedback pulse (green)	32 pulse / rev		
Input GND (black)	Universal input port		

Total Length LT=L1+L2+L3			
L1:32GP	L1:36GP	L2 :PI32	L3
27.4	39.6	73.0	
35.9	48.6		
44.4	57.6		



Note: The customer can select the gearbox to match the motor. It is recommended to weld motor shaft gears, some of which are listed here for reference.

Recommended Gearbox:
AM-32GP
AM-36GP
For more combination specs, visit Assun Motor website.

Download datasheet: <https://assunmotor.com/documents-download>

Visit Our Website and Online Shop at <https://assunmotor.com> Contact: info@assunmotor.com

SERVO MOTOR