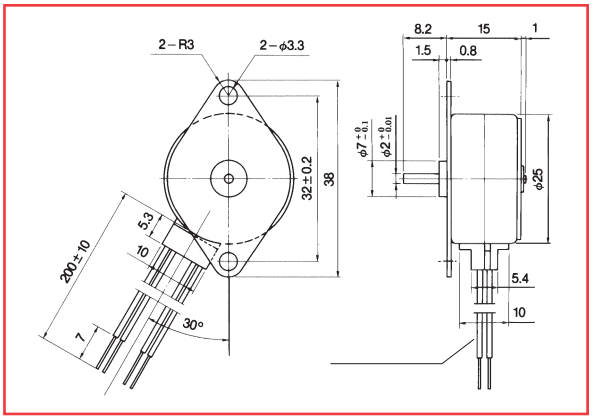
NPM Nippon Pulse
Your Partner in Motion Control

Synchronous Motors
PTMC-24P



Specifications

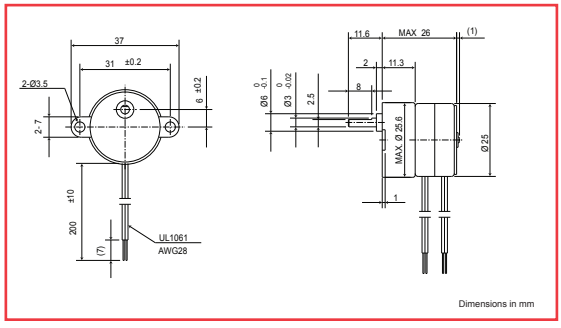
Specifications	Units	PTM-24P	PTM-24PG (gearhead)								
Rated Voltage	V	24 ±10%									
Frequency	Hz	50/60									
Rated Current	mA	67/69									
Revolutions @ 50Hz	rpm	250/300	1	2	3	4	5	10	20	30	60
Rotating Direction		Dual Direction (CC/CW)									
Torque @ 60 Hz	mN·m	5.3/5/5	100	100	100	100	100	60	30	20	10
Temperature Rise	˚K	55									
Operating Temp. Range	˚C	-10 to +50									
Dielectric Strength	V	1500Vac for 10 seconds	1500Vac for 10 seconds								
Weight	g	35	55								
Capacitor	µF	3.3									

Magnet type: Anisotropic

Torque Characteristics

Model	PTM-12PG			
Speed	Torque (mN·m)		Gear Ratio	
rpm	50Hz	60Hz	50Hz	60Hz
60	14	17	6/25	1/5
30	20*	20*	3/25	1/10
20	33	42	2/25	1/15
10	54	67	1/25	1/30
5	70*	70*	1/50	1/60
4	70*	70*	2/125	1/75
3	--	100*	--	1/100
2	100*	100*	1/125	1/150
1	100*	100*	1/250	1/300

**-Values regulated by normal gear strength. Do not apply any load exceeding the normal gear strength.*

Geared Models

PTMC-24PG