

PFCU-series

PM Type 2 Phase Stepper Motor w/ Integrated Gearbox PFCU Series

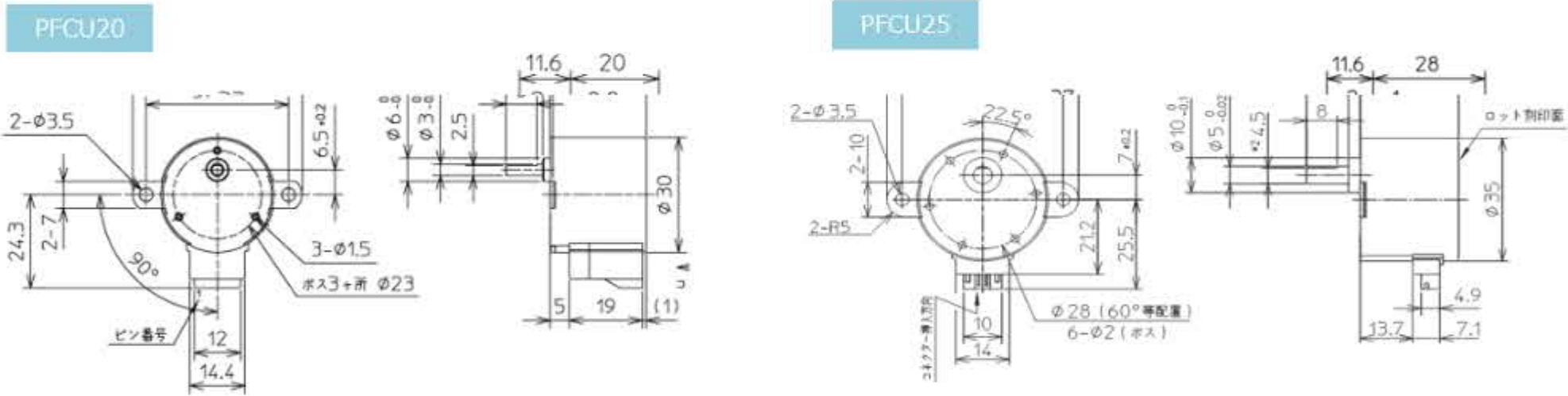


With integrated gearbox design, achieving higher torque and thinner form factor.
Effortless gear ratio selection –convenient and hassle free-

Spec

	PFCU20- 40W4GM(1/*)		PFCU25- 24Q1GM(1/*)			PFCU30- 24V4GM(1/*)		PFCU35T- 24V4GM(1/*)	
Gear Ratio	1/10	1/18	1/15	1/20	1/30	1/5	1/12	1/5	1/12
Step Angle	0.9°	0.5°	1°	0.75°	0.5°	3°	1.25°	3°	1.25°
Steps/Rev	400	720	360	480	720	120	288	120	288
Operating Temp. Range	-10 ~ +50°C								
Insulation Class	Class E								
Voltage (at Coil)	5.5V		4.4V			6.9V		7.3V	
Coil Resistance	40Ω		15Ω			30Ω		24Ω	
Coil Inductance	59mH		66mH			26mH		19mH	
Nominal Gear Strength	20mNm		50mNm			100mNm		120mNm	
Gear Breaking Strength	60mNm		150mNm			300mNm		360mNm	
Backlash	7° or less								
Temp. Rise	70K								
Weight	28g		60g			75g		90g	
Coil Windings Type	Bipolar								

Dimensions



Torque

