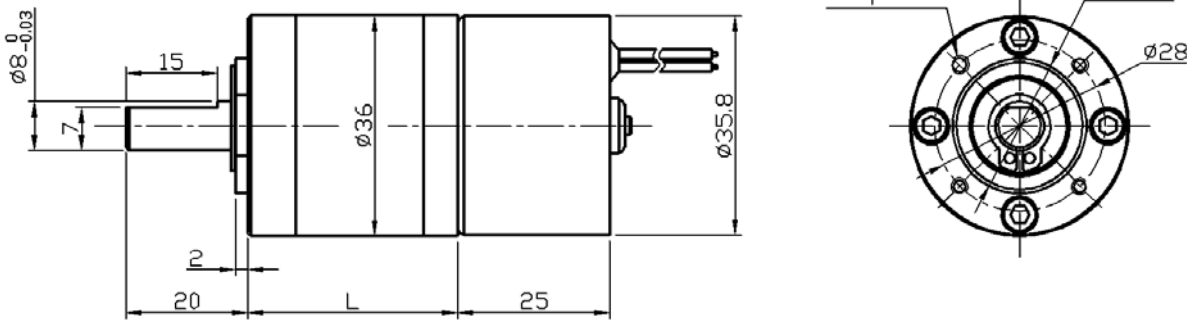
DS-36RPBL3625
DC BRUSHLESS PLANETARY GEAR MOTOR

Main Voltage： 6VDC、 12VDC、24VDC

Typical Applications :

Optical instrument, Surveillance cameras, Automated energy efficiency, Water saving equipment, IC water card, Toys and gifts, Office equipment, Household appliance, automation equipment

APPEARANCE SIZE



Gearbox Data：

Number of stages	1	2	3	4	5
Reduction ratio	3.7、5.2	14、19、27	51、71 100、139	189、264、369 515、721	977、1367、1910 2671、3736
Gearbox length “L”mm	26.5	34.5	42.5	50.5	58.5
Breaking torque(kgf.cm)	10	18	40	50	60
Gearbox efficiency	90%	81%	73%	65%	59%

Driving Motor Data：

Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
DS-BL3625-012-3000	12	≤120	3000	≤360	2400	45	1.1	≥180	≥800
DS-BL3625-012-4500	12	≤260	4500	≤760	3300	65	2.2	≥260	≥1200
DS-BL3625-012-6000	12	≤345	6000	≤1000	4500	80	3.7	≥320	≥1600
DS-BL3625-024-3000	24	≤95	3000	≤255	2400	45	1.1	≥180	≥400
DS-BL3625-024-4500	24	≤140	4500	≤390	3300	65	2.2	≥260	≥600
DS-BL3625-024-6000	24	≤190	6000	≤510	4500	80	3.7	≥320	≥800

Remark：

Gear Motor Torque=Driving motor torque*Reduction ratio*Gearbox efficiency;
Gear Motor Speed=Driving motor speed/Reduction ratio

Motor detailed config can be customized according to customer's requests, like voltage,speed,as well as shaft length and shape...

Welcome OEM or ODM projects