

Gearbox with UGB DC Motor PC280LG

Voltage (Vdc)
Height (mm) 12/24

Max. torque
(cNm) 200



Standard Data

Ambient temperature operation	°C -10 ... +55
Ambient temperature storage	°C -20 ... +80
Rotor stalling	not permissible
Approval	standard
Electrical connection	terminals
Mounting	any position
Weight	200 g
Axial thrust	100 N
Lateral force	300 N
Output shaft	Ø 8 × 12 mm (others on request)
Slipping clutch	optional
Bearings	sintered bronze, self-lubricating

Order Reference

Motor type	JP	DC Motor (brushed)	JP	2	A	N	M4	B	30C	N	N	N
Motor size	2	diameter 24.4 mm										
Motor version	A	12 V; no-load speed 3600 rpm										
	B	24 V; no-load speed 2400 rpm										
Approval	N	standard										
Voltage	M1	12 Vdc										
	M4	24 Vdc										
Gearbox size	B											
Gear ratio	30C	300										
Connection	N	terminals, without lead wire										
	A	with lead wire and connector (on request)										
Slipping clutch	N	without slipping clutch										
Shaft end	N	standard shaft Ø 8 × 12, others on request										

All specifications are representative only and maybe subject to variation. For confirmation of values, please contact Johnson Electric.
Please also read "Saia Motors Important Notes" on catalog or at www.johnsonelectric.com/SaiaMotorsNotes



Technical Data

Motor JP2A

Voltage supply	V	12
No-load motor speed	rpm	3600
Rated motor speed	rpm	2900
Rated motor current	mA	105
Rated motor torque	cNm	0.24

Gear ratio		150	200	300	500	600	750	1000	1500
Rated output speed	rpm	20	15	10	6	5	4	3	2
Rated output torque	cNm	23	30	45	75	90	115	150	200

Motor JP2B

Voltage supply	V	24
No-load motor speed	rpm	2400
Rated motor speed	rpm	1800
Rated motor current	mA	34
Rated motor torque	cNm	0.19

Gear ratio		150	200	300	500	600	750	1000	1500
Rated output speed	rpm	12	9	6	4	3	2.5	2	1.5
Rated output torque	cNm	18	24	36	59	70	90	120	180

All values approximate. Speed tolerance on request.
 Output torque permissible max. 200cNm.
 Continuous duty cycle permissible at rated torque.
 Higher torque at lower duty cycle on request.
 Lifetime on request.
 Other gear ratios on request.

Dimensions

