

## Gearbox UGP with DC Motor HC785G

Voltage (Vdc) 24

Max. torque  
(cNm) 600



### Standard Data

Ambient temperature operation	°C 0 ... +50
Ambient temperature storage	°C -20 ... +80
Rotor stalling	not permissible
Approval	standard
Electrical connection	terminals
Mounting	any position
Weight	500 – 600 g
Axial thrust	30 N
Lateral force	80 N
Output shaft	∅ 8 × 25 mm (others on request)
Slipping clutch	no
Bearings	bronze

### Order Reference

Motor type	JP	DC Motor (brushed)	JP	7	B	N	M4	P	37C	N	N	N
Motor size	7	diameter 42 mm										
Motor version	B	24 V; no-load speed 4500 rpm										
Approval	N	standard										
Voltage	M4	24 Vdc										
Gearbox size	P											
Gear ratio	37C	375										
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 ∅ 8 × 25, 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](http://www.johnsonelectric.com/SaiaMotorsNotes)



## Technical Data

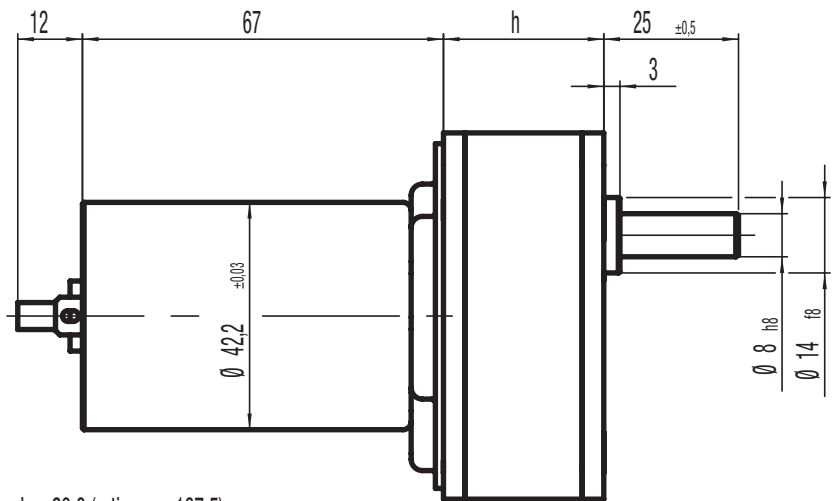
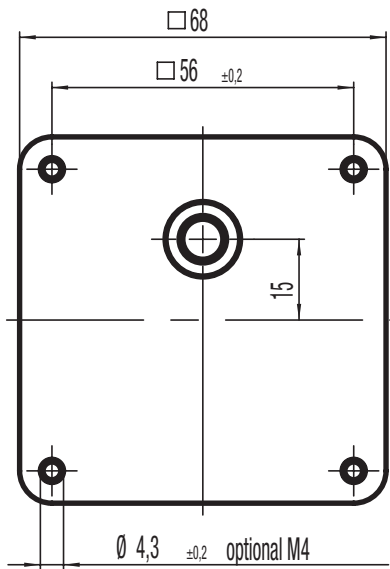
Motor JP7B

Voltage supply	V	24
No-load motor speed	rpm	4500
Rated motor speed	rpm	3800
Rated motor current	mA	900
Rated motor torque	cNm	3.5

Gear ratio		18.75	37.5	62.5	93.75	125	187.5	375	750
Rated output speed	rpm	200	100	60	40	30	20	10	5
Rated output torque	cNm	45	90	140	200	270	400	600	600

All values approximate. Speed tolerance on request.  
 Output torque permissible max. 600cNm.  
 Continuous duty cycle permissible at rated torque.  
 Higher torque at lower duty cycle on request.  
 Lifetime on request.  
 Other gear ratios on request.

### Dimensions



$h = 29,8$  (ratio max. 187,5)  
 $h = 38$  (ratio >187,5)