

## LS-40PA/42BYG

Housing Material: Metal

Backlash at No Load:  $\leq 1.5^\circ$

Bearing at Output: Ball or Sleeve

Permissible Overhung Load:  $\leq 10\text{kg}$

Permissible Thrust Load:  $\leq 5\text{kg}$

Max.Radial Play:  $\leq 0.05\text{mm}$

Max.Thrust Play:  $\leq 0.3\text{mm}$



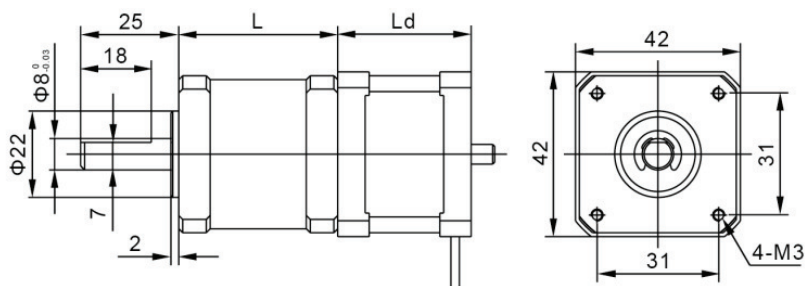
## Motor Data

Model	Step Angle	Length (Ld)	Phase Voltage	Phase Current	Phase Resistance	Phase Inductance	Holding Torque	Lead Wire
		mm	V	A	$\Omega$	mH	g.cm	
42BYGH34(M)-040-4A/B	1.8/0.9	34	12	0.4	30	37	2200	4
42BYGH40(M)-040-6A/B	1.8/0.9	40	2.78	0.4	30	21	2570	6
42BYGH40(M)-160-4A/B	1.8/0.9	40	12	1.6	1.73	3.2	3600	4
42BYGH48(M)-040-6A/B	1.8/0.9	48	3.6	0.4	30	25	3200	6
42BYGH48(M)-120-4A/B	1.8/0.9	48	3	1.2	3	5	4500	4

## Gearbox Data

Reduction Ratio(X:1)	3.7	5.2	13	19	27	51	71	100	139	189	264
Number of gear trains	1	1	2	2	2	3	3	3	3	4	4
Rated output torque(kg.cm)	20	20	30	30	30	40	40	40	40	40	40
Gear Box Length(mm)	27	27	35	35	35	43	43	43	43	50.5	50.5

## Mechanical Dimensions



### 4(6)Leads

