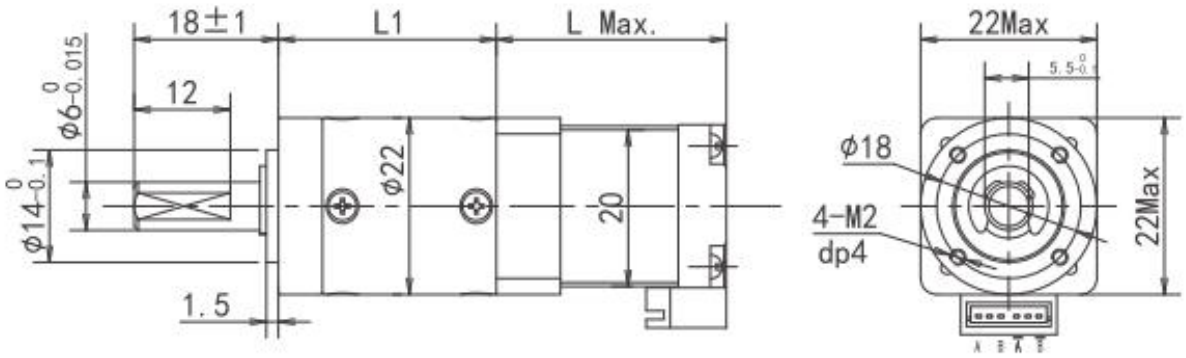
HP201



Appearance Size



Motor Electrical Specification

Series Model	Step Angle (o)	L (mm)	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque (N.cm)	Lead Wire (NO.)	Motor Weight (g)
HP201-00106	1.8	31	0.6	3.2	0.9	1.8	4	50
HP201-00206	1.8	37	0.6	4.5	1.2	2	4	70
HP201-00306	1.8	43	0.6	5.8	1.6	3	4	82

Gearbox Specification

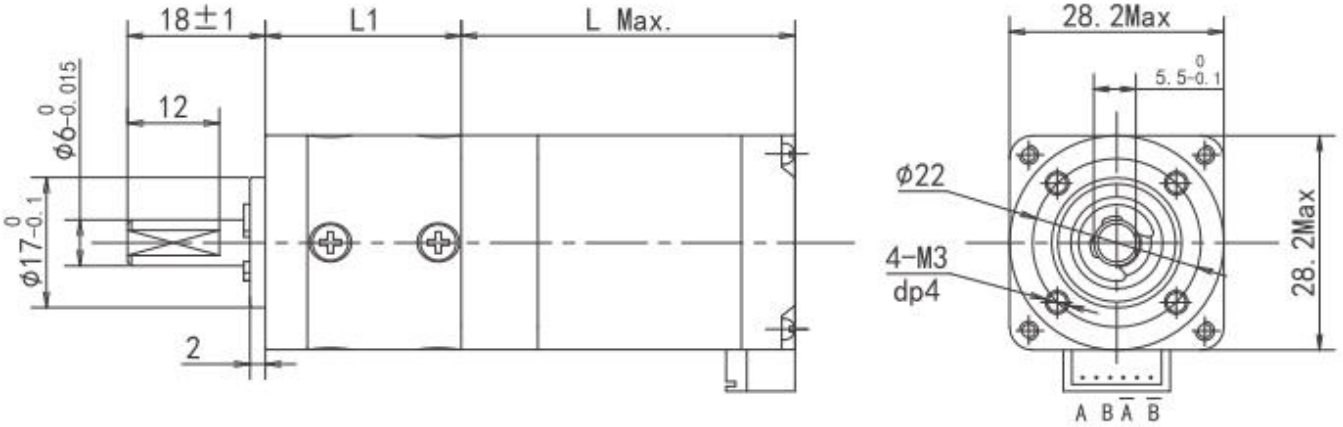
Ratio	3.71	5.18	14	19	27	51	71	100	139
Reducer Series	1		2			3			
Length (mm)	21		27.2			33.4			
Rated Torque (N.m)	0.1		0.4			0.8			
Permissible Torque(Max) (N.m)	0.3		1.2			2.5			
Efficiency (%)	90%		81%			73%			
Weight (g)	35		44			53			
We can manufacture products according to customer's requirements									

©I.CH Motion® 2020
Specifications subject to change without notice.

HP281



Appearance Size



Motor Electrical Specification

Series Model	Step Angle (o)	L(mm)	Rated Current (A)	Phase Resistance(Ω)	Phase Inductance (mH)	Holding Torque (N.cm)	Lead Wire (NO.)	Motor Weight (g)
HP281-00506	1.8	31	0.6	4.2	2.2	4.5	4	105
HP281-00606	1.8	36	0.6	5.5	3.2	6	4	110
HP281-00806	1.8	44	0.6	7	6	8	4	140
HP281-01206	1.8	53	0.6	9	7.2	12	4	180

Gearbox Specification

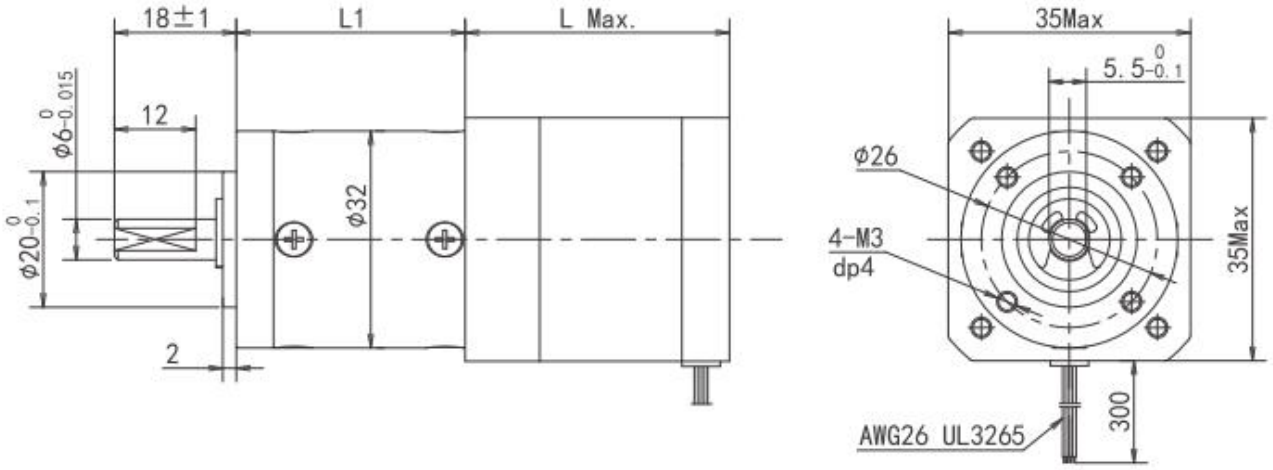
Ratio	3.71	5.18	6.75	14	19	27	35	46	51	71	100	139	181	236	307
Reducer Series	1			2					3						
Length(mm)	25.6			34					42						
Rated Torque(N.m)	0.3			1.2					2.5						
Permissible Torque(Max)(N.m)	1.0			3.5					7.5						
Efficiency(%)	90%			81%					73%						
Weight(g)	48			55					64						
We can manufacture products according to customer’s requirements															

©I.CH Motion® 2020
Specifications subject to change without notice.

HP351



Appearance Size



Motor Electrical Specification

Series Model	Step Angle (o)	L(mm)	Rated Current (A)	Phase Resistance(Ω)	Phase Inductance (m H)	Holding Torque(N.cm)	Lead Wire(NO.)	Motor Weight (g)
HP351-01408	1.8	31	0.8	4.2	4.5	14	4	120
HP351-02008	1.8	39	0.8	7.5	9.8	20	4	160
HP351-02020	1.8	58	2	1.6	2.3	40	4	230

Gearbox Specification

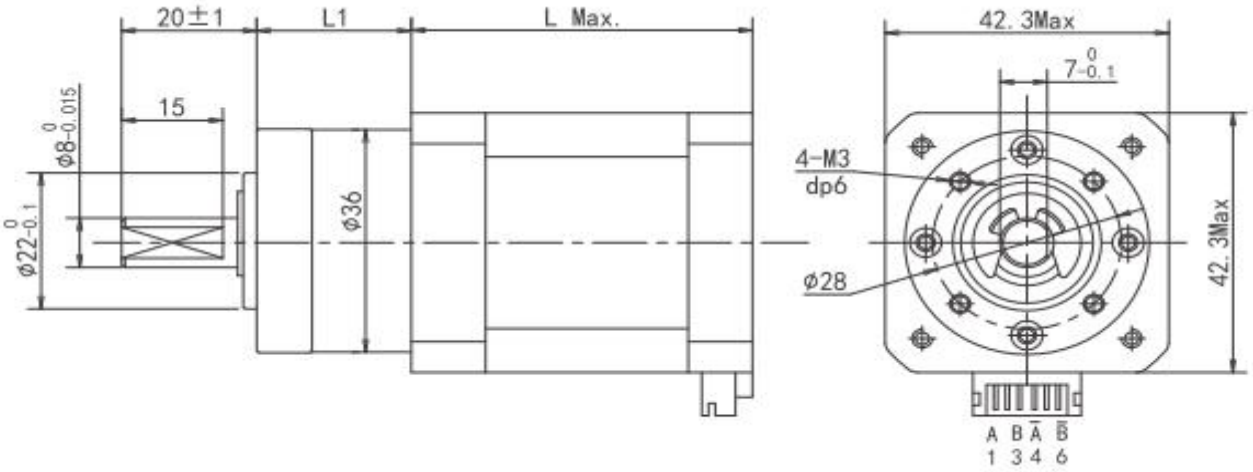
Ratio	3.71	5.18	6.75	14	19	27	35	46	51	71	100	139	181	236	307
Reducer Series	1			2					3						
Length(mm)	34			34					42						
Rated Torque(N.m)	0.3			1.2					2.5						
Permissible Torque(Max)(N.m)	1			3.5					7.5						
Efficiency(%)	90%			81%					73%						
Weight(g)	113			145					184						
We can manufacture products according to customer’s requirements															

©I.CH Motion® 2020
Specifications subject to change without notice.

HP421



Appearance Size



Motor Electrical Specification

Series Model	Step Angle (o)	L(mm)	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque(N.cm)	Lead Wire (NO.)	Motor Weight (g)
HP421-04023	1.8	43	2.3	0.9	1.3	40	4	280
HP421-05023	1.8	51	2.3	1.1	1.5	50	4	350
HP421-07023	1.8	63	2.3	1.4	2.5	70	4	480
HP421-08023	1.8	66	2.3	1.5	2.2	80	4	500

Gearbox Specification

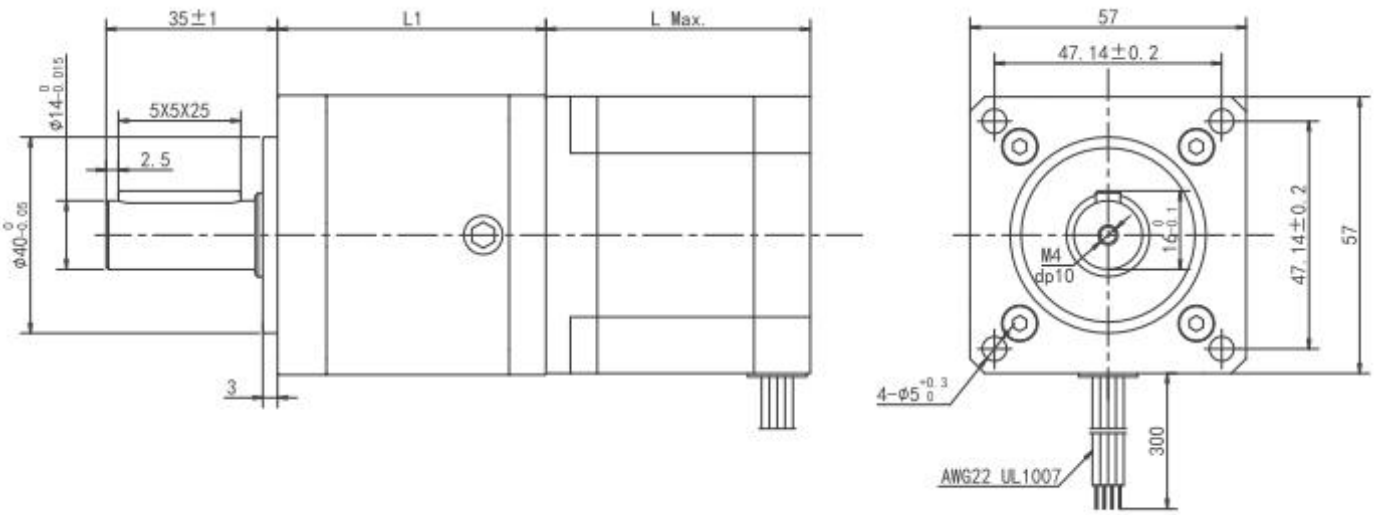
Ratio	3.71	5.18	6.75	14	19	27	35	46	51	71	100	139	181	236	307
Reducer Series	1			2					3						
Length(mm)	25.6			34					42						
Rated Torque(N.m)	0.3			1.2					2.5						
Permissible Torque(Max)(N.m)	1			3.5					7.5						
Efficiency(%)	90%			81%					73%						
Weight(g)	182			191					230						
We can manufacture products according to customer's requirements															

©I.CH Motion® 2020
Specifications subject to change without notice.

HP571



Appearance Size



Motor Electrical Specification

Series Model	Step Angle (o)	L(mm)	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque(N.m)	Lead Wire (NO.)	Motor Weight (kg)
HP571-11042	1.8	56	4.2	0.35	1.2	1.1	4	0.68
HP571-18042	1.8	76	4.2	0.55	1.8	1.8	4	1.05
HP571-25042	1.8	100	4.2	0.75	3	2.5	4	1.25

Gearbox Specification

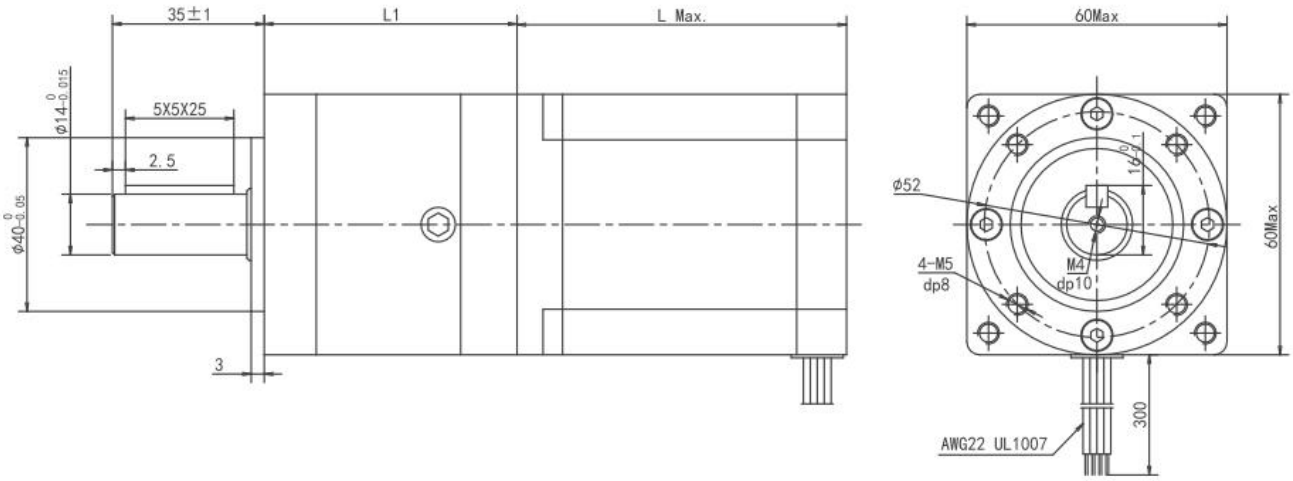
Ratio	5	10	15	20	25	30	40	50
Reducer Series	1		2					
Length(mm)	55		71					
Rated Torque(N.m)	25		40					
Permissible Torque(Max)(N.m)	40		60					
Efficiency(%)	95%		90%					
Weight(g)	600-800		800-960					
We can manufacture products according to customer's requirements								

©I.CH Motion® 2020
Specifications subject to change without notice.

HP601



Appearance Size



Motor Electrical Specification

Series Model	Step Angle (o)	L(mm)	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque(N.m)	Lead Wire (NO.)	Motor Weight (kg)
HP601-15042	1.8	56	4.2	0.45	1.3	1.5	4	0.7
HP601-22042	1.8	76	4.2	0.6	2	2.2	4	1.15
HP601-28042	1.8	90	4.2	0.75	3.3	2.8	4	1.4
HP601-32042	1.8	100	4.2	0.9	3.5	3.2	4	1.55

Gearbox Specification

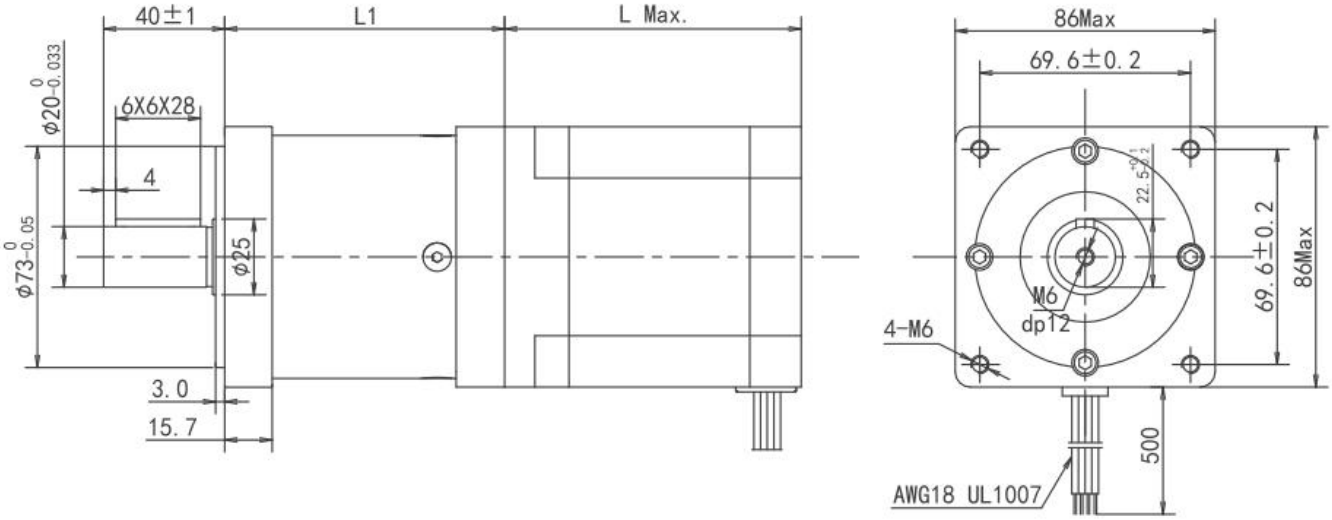
Ratio	5	10	15	20	25	30	40	50
Reducer Series	1		2					
Length(mm)	58		75					
Rated Torque(N.m)	25		40					
Permissible Torque(Max)(N.m)	45		60					
Efficiency(%)	95%		90%					
Weight(g)	600-800		800-960					
We can manufacture products according to customer’s requirements								

©I.CH Motion® 2020
Specifications subject to change without notice.

HP861



Appearance Size



Motor Electrical Specification

Series Model	Step Angle (o)	L(mm)	Rated Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holding Torque(N.m)	Lead Wire (NO.)	Motor Weight (kg)
HP861-30070	1.8	66	7	0.16	0.9	3	4	2
HP861-45070	1.8	78	7	0.2	1.6	4.5	4	2.5
HP861-85070	1.8	114	7	0.33	3.2	8.5	4	3.5
HP861-120070	1.8	150	7	0.4	4.8	12	4	4.2

Gearbox Specification

Ratio	5	10	15	20	25	30	40	50
Reducer Series	1		2					
Length(mm)	58		75					
Rated Torque(N.m)	25		40					
Permissible Torque(Max)(N.m)	45		60					
Efficiency(%)	95%		90%					
Weight(g)	600-800		800-960					

We can manufacture products according to customer's requirements

©I.CH Motion® 2020
Specifications subject to change without notice.