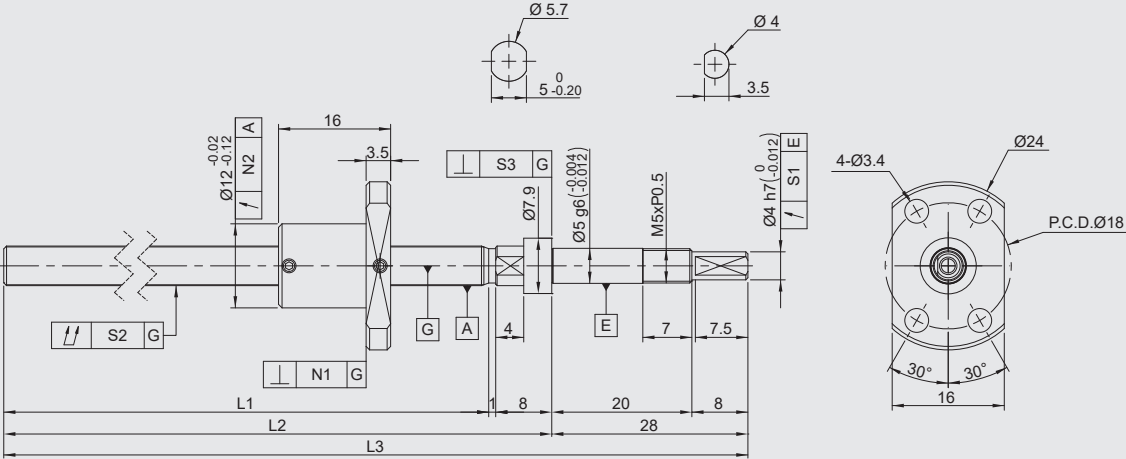


GOOBS0601-F

Rolled Ball Screws				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			

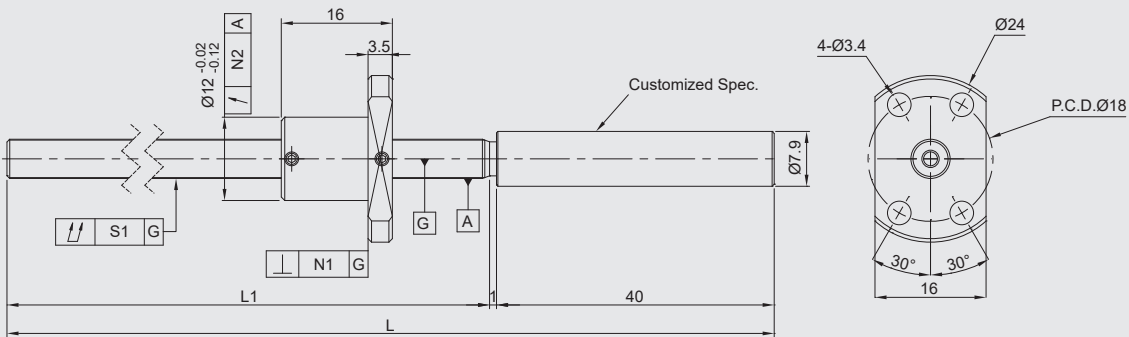
plating



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3						Mean Travel	Variation
GOOBS0601KS-RC5□-65R102-F	40	65	74	102	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0601KS-RC7□-65R102-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0601KS-RC5□-95R132-F	70	95	104	132	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0601KS-RC7□-95R132-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0601KS-RC5□-125R162-F	100	125	134	162	0.01	0.035	0.005	0.01	0.012	0.02	0.018
GOOBS0601KS-RC7□-125R162-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0601-F Machining-less to the end shaft

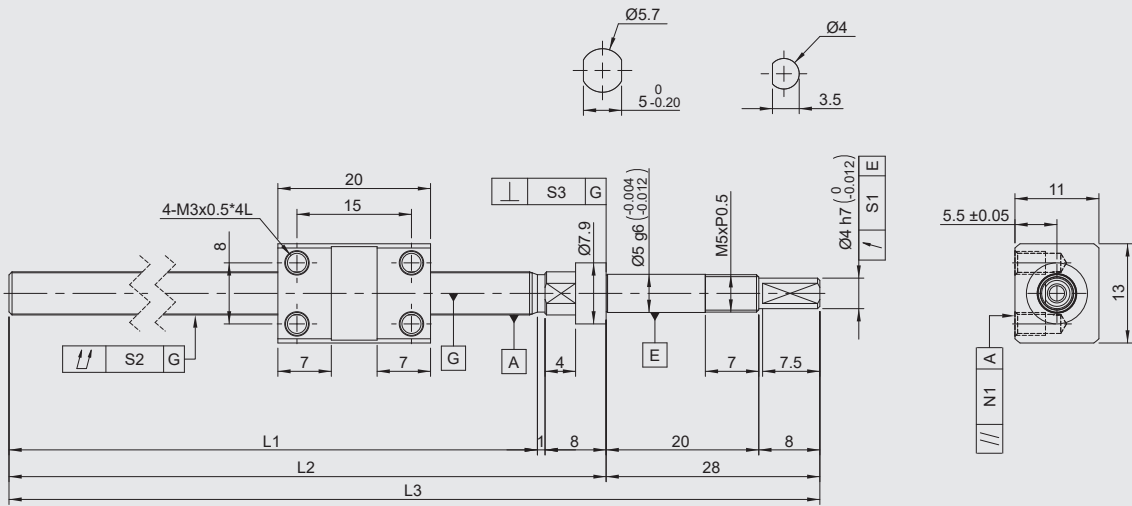
Rolled Ball Screws				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS0601KS-RC5□-65R106-F	40	65	106	0.035	0.01	0.012	0.018	0.018
GOOBS0601KS-RC7□-65R106-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0601KS-RC5□-95R136-F	70	95	136	0.035	0.01	0.012	0.018	0.018
GOOBS0601KS-RC7□-95R136-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0601KS-RC5□-125R166-F	100	125	166	0.035	0.01	0.012	0.02	0.018
GOOBS0601KS-RC7□-125R166-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0601-H

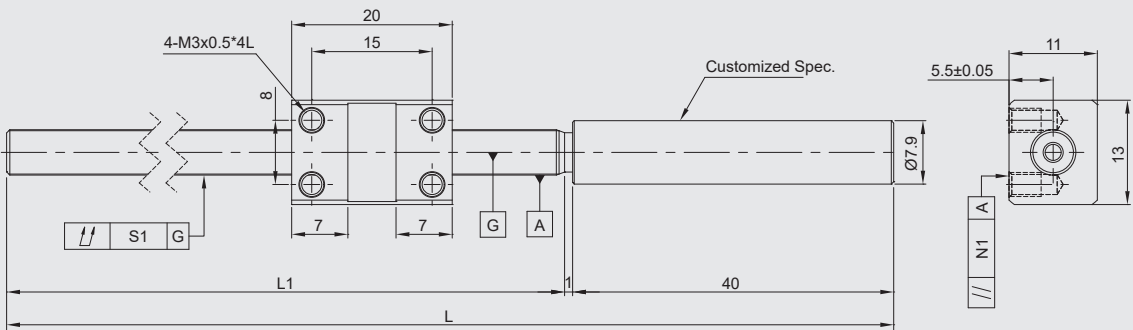
Rolled Ball Screws				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	Mean Travel	Variation
GOOBS0601KS-RC5□-65R102-H	40	65	74	102	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0601KS-RC7□-65R102-H					0.014	0.045	0.007	0.017	Travel Distance:±0.05/300	
GOOBS0601KS-RC5□-95R132-H	70	95	104	132	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0601KS-RC7□-95R132-H					0.014	0.045	0.007	0.017	Travel Distance:±0.05/300	
GOOBS0601KS-RC5□-125R162-H	100	125	134	162	0.01	0.035	0.005	0.01	0.02	0.018
GOOBS0601KS-RC7□-125R162-H					0.014	0.045	0.007	0.017	Travel Distance:±0.05/300	

GOOBS0601-H Machining-less to the end shaft

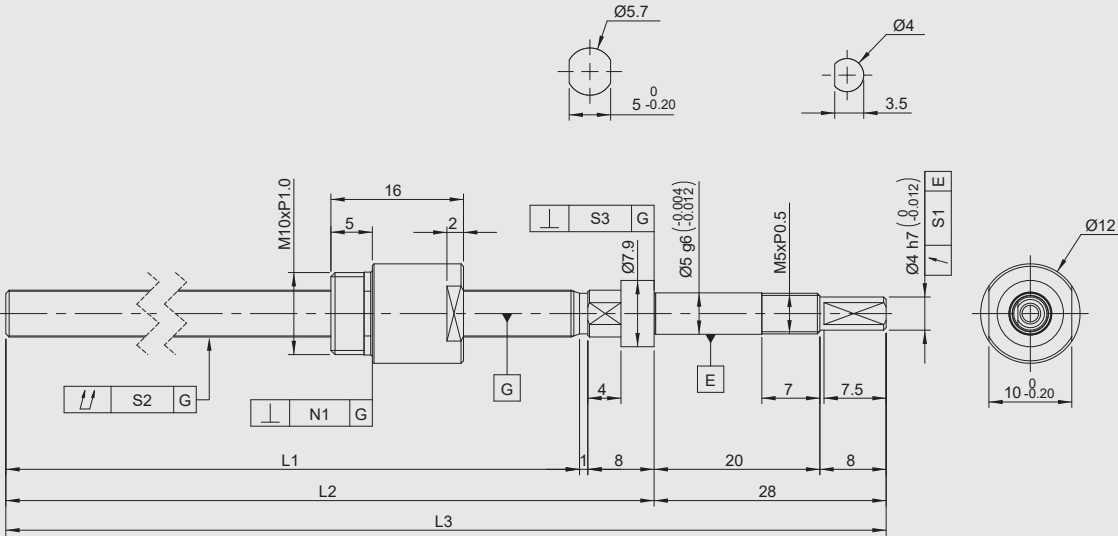
Rolled Ball Screws				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0601KS-RC5□-65R106-H	40	65	106	0.035	0.01	0.018	0.018
GOOBS0601KS-RC7□-65R106-H				0.045	0.017	Travel Distance: ±0.05/300	
GOOBS0601KS-RC5□-95R136-H	70	95	136	0.035	0.01	0.018	0.018
GOOBS0601KS-RC7□-95R136-H				0.045	0.017	Travel Distance: ±0.05/300	
GOOBS0601KS-RC5□-125R166-H	100	125	166	0.035	0.01	0.02	0.018
GOOBS0601KS-RC7□-125R166-H				0.045	0.017	Travel Distance: ±0.05/300	

GOOBS0601-M

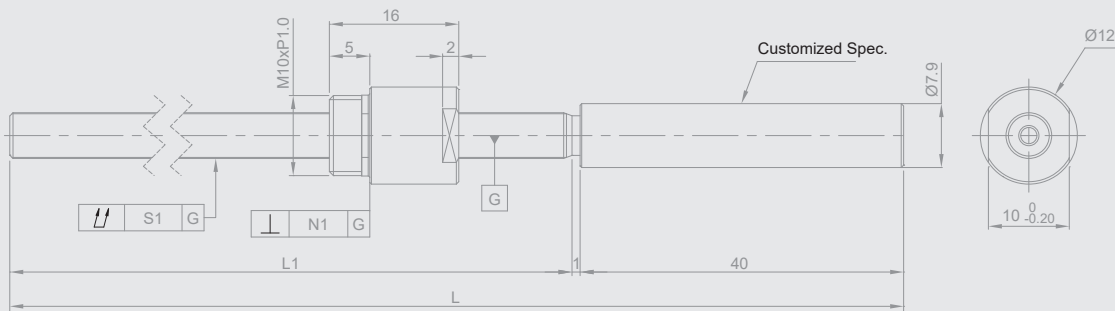
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	Mean Travel	Variation
GOOBS0601KS-RC5□-65R102-M	40	65	74	102	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0601KS-RC7□-65R102-M					0.014	0.045	0.007	0.014	Travel Distance : ±0.05/300	
GOOBS0601KS-RC5□-95R132-M	70	95	104	132	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0601KS-RC7□-95R132-M					0.014	0.045	0.007	0.014	Travel Distance : ±0.05/300	
GOOBS0601KS-RC5□-125R162-M	100	125	134	162	0.01	0.035	0.005	0.01	0.02	0.018
GOOBS0601KS-RC7□-125R162-M					0.014	0.045	0.007	0.014	Travel Distance : ±0.05/300	

GOOBS0601-M Machining-less to the end shaft

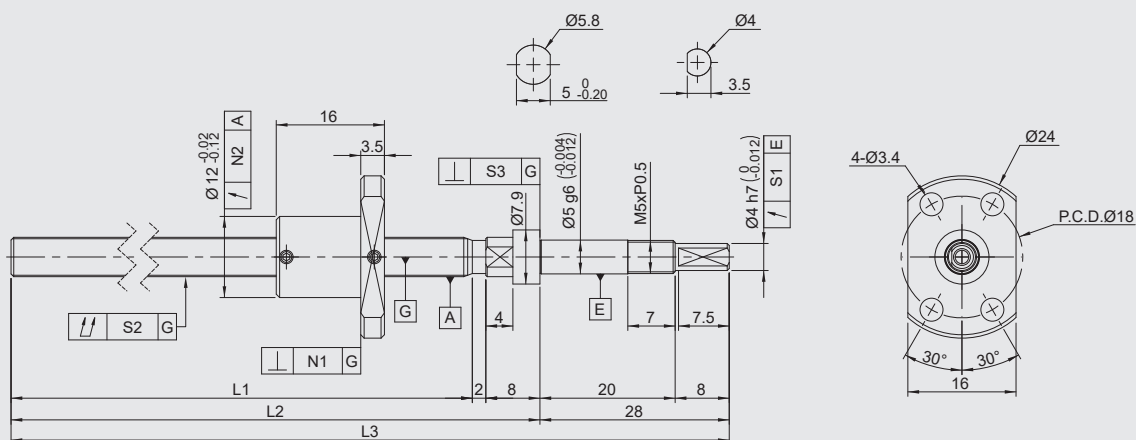
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0601KS-RC5□-65R106-M	40	65	106	0.035	0.01	0.018	0.018
GOOBS0601KS-RC7□-65R106-M				0.045	0.014	Travel Distance : ±0.05/300	
GOOBS0601KS-RC5□-95R136-M	70	95	136	0.035	0.01	0.018	0.018
GOOBS0601KS-RC7□-95R136-M				0.045	0.014	Travel Distance : ±0.05/300	
GOOBS0601KS-RC5□-125R166-M	100	125	166	0.035	0.01	0.02	0.018
GOOBS0601KS-RC7□-125R166-M				0.045	0.014	Travel Distance : ±0.05/300	

GOOBS0602-F

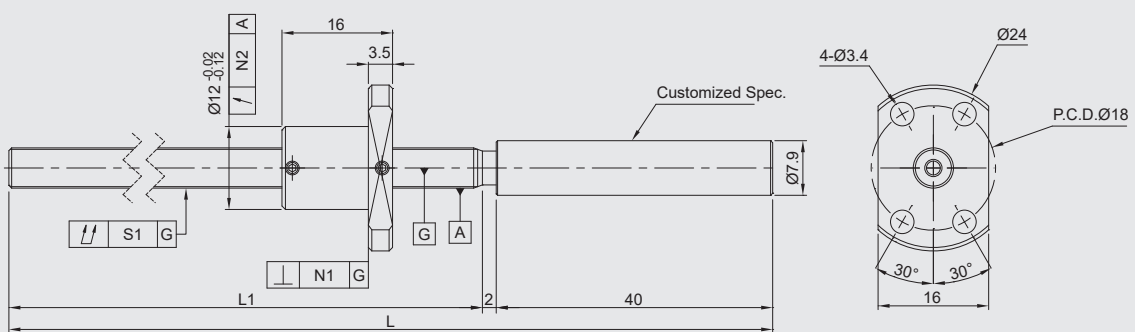
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	2			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	N2	Mean Travel	Variation
GOOBS0602KS-RC5□-65R103-F	40	65	75	103	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0602KS-RC7□-65R103-F					0.014	0.045	0.007	0.014	0.02	Travel Distance : ±0.05/300	
GOOBS0602KS-RC5□-95R133-F	70	95	105	133	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0602KS-RC7□-95R133-F					0.014	0.045	0.007	0.014	0.02	Travel Distance : ±0.05/300	
GOOBS0602KS-RC5□-125R163-F	100	125	132	163	0.01	0.035	0.005	0.01	0.012	0.02	0.018
GOOBS0602KS-RC7□-125R163-F					0.014	0.045	0.007	0.014	0.02	Travel Distance : ±0.05/300	

GOOBS0602-F Machining-less to the end shaft

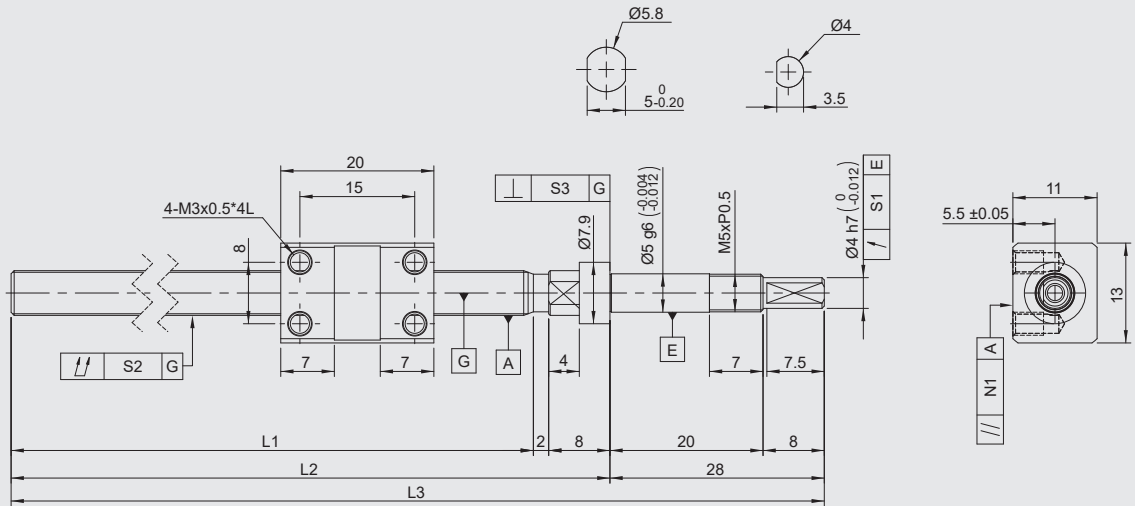
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	2			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS0602KS-RC5□-65R107-F	40	65	107	0.035	0.01	0.012	0.018	0.018
GOOBS0602KS-RC7□-65R107-F				0.045	0.014	0.02	Travel Distance :±0.05/300	
GOOBS0602KS-RC5□-95R137-F	70	95	137	0.035	0.01	0.012	0.018	0.018
GOOBS0602KS-RC7□-95R137-F				0.045	0.014	0.02	Travel Distance :±0.05/300	
GOOBS0602KS-RC5□-125R167-F	100	125	167	0.035	0.01	0.012	0.02	0.018
GOOBS0602KS-RC7□-125R167-F				0.045	0.014	0.02	Travel Distance :±0.05/300	

GOOBS0602-H

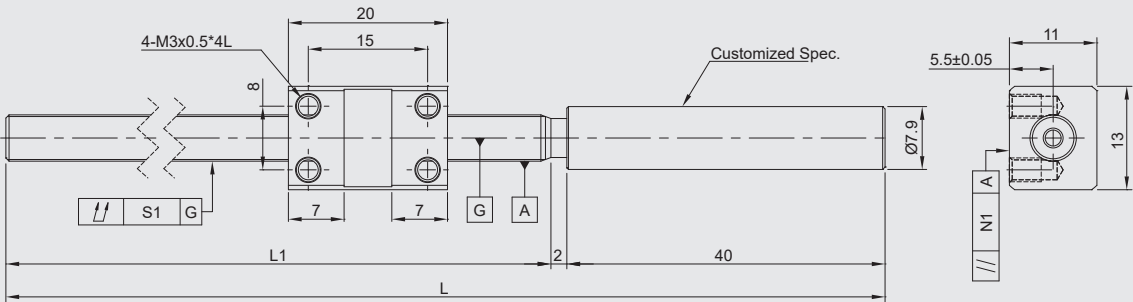
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	2			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L2	L3					Mean Travel	Variation
GOOBS0602KS-RC5□-65R103-H	40	65	75	103	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0602KS-RC7□-65R103-H					0.014	0.045	0.007	0.017	Travel Distance : ±0.05/300	
GOOBS0602KS-RC5□-95R133-H	70	95	105	133	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0602KS-RC7□-95R133-H					0.014	0.045	0.007	0.017	Travel Distance : ±0.05/300	
GOOBS0602KS-RC5□-125R163-H	100	125	135	163	0.01	0.035	0.005	0.01	0.02	0.018
GOOBS0602KS-RC7□-125R163-H					0.014	0.045	0.007	0.017	Travel Distance : ±0.05/300	

GOOBS0602-H Machining-less to the end shaft

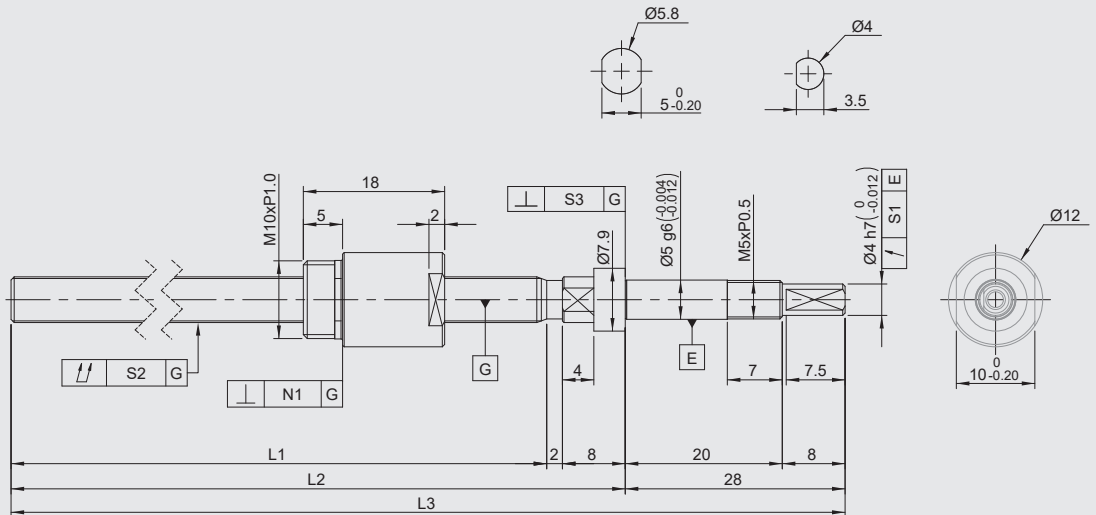
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	2			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0602KS-RC5□-65R107-H	40	65	107	0.035	0.01	0.018	0.018
GOOBS0602KS-RC7□-65R107-H				0.045	0.017	Travel Distance: ±0.05/300	
GOOBS0602KS-RC5□-95R137-H				0.035	0.01	0.018	0.018
GOOBS0602KS-RC7□-95R133-H	70	95	137	0.045	0.017	Travel Distance: ±0.05/300	
GOOBS0602KS-RC5□-125R167-H				0.035	0.01	0.02	0.18
GOOBS0602KS-RC7□-125R167-H				0.045	0.017	Travel Distance: ±0.05/300	

GOOBS0602-M

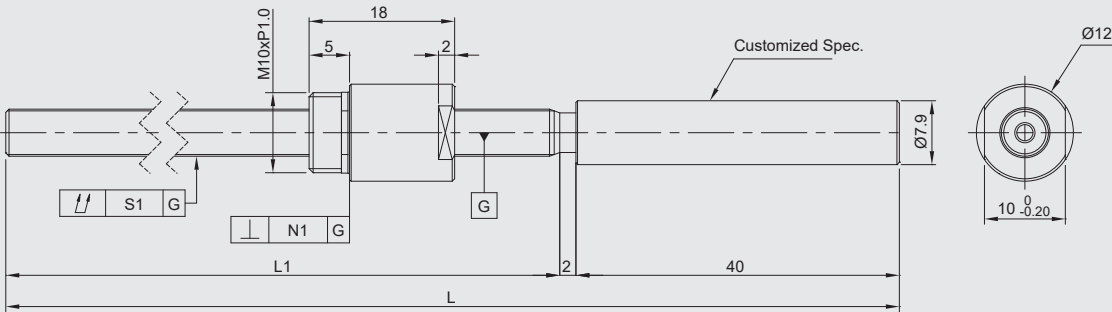
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	2			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3					Mean Travel	Variation
BS0602KS-RC5□-65R103-M	40	65	75	103	0.01	0.035	0.005	0.01	0.018	0.018
BS0602KS-RC7□-65R103-M					0.014	0.045	0.007	0.014	Travel Distance : ±0.05/300	
BS0602KS-RC5□-95R133-M	70	95	105	133	0.01	0.035	0.005	0.01	0.018	0.018
BS0602KS-RC7□-95R133-M					0.014	0.045	0.007	0.014	Travel Distance : ±0.05/300	
BS0602KS-RC5□-125R163-M	100	125	135	163	0.01	0.035	0.005	0.01	0.02	0.018
BS0602KS-RC7□-125R163-M					0.014	0.045	0.007	0.014	Travel Distance : ±0.05/300	

GOOBS0602-M Machining-less to the end shaft

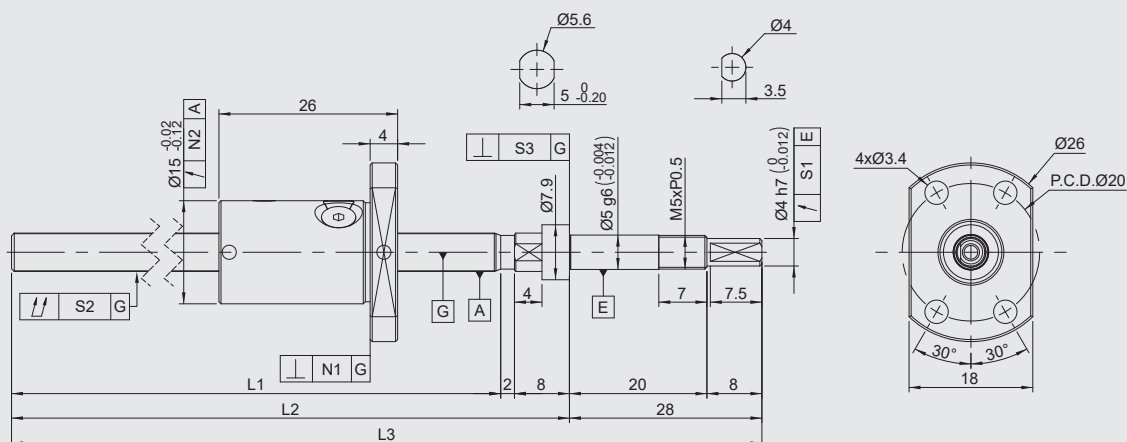
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	2			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
BS0602KS-RC5□-65R107-M	40	65	107	0.035	0.01	0.018	0.018
BS0602KS-RC7□-65R107-M				0.045	0.014	Travel Distance: ±0.05/300	
BS0602KS-RC5□-95R137-M	70	95	137	0.035	0.01	0.018	0.018
BS0602KS-RC7□-95R137-M				0.045	0.014	Travel Distance: ±0.05/300	
BS0602KS-RC5□-125R167-M	100	125	167	0.035	0.01	0.02	0.018
BS0602KS-RC7□-125R167-M				0.045	0.014	Travel Distance: ±0.05/300	

GOOBS0604-F

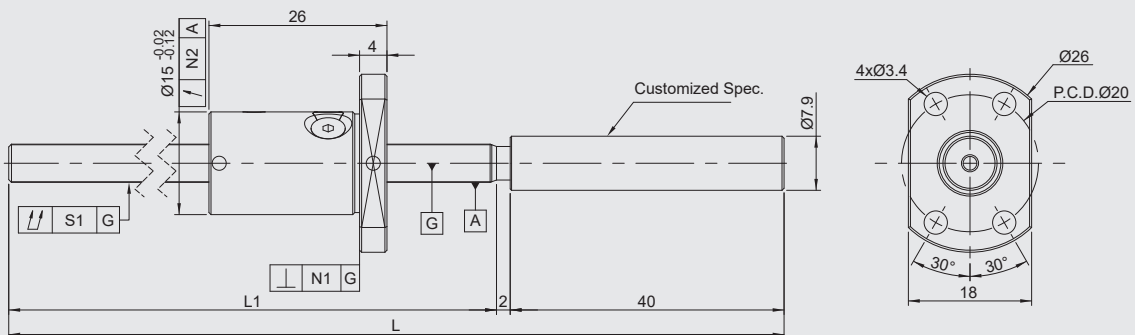
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	1.2			
Lead(mm)	4			
B.C.D(mm)	6.3			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1050			
Max. Static Load Coa(N)	1540			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	N2	Mean Travel	Variation
GOOBS0604D3-RC5□-75R113-F	45	75	85	113	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0604D3-RC7□-75R113-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0604D3-RC5□-105R143-F	75	105	115	143	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0604D3-RC7□-105R143-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0604D3-RC5□-130R168-F	100	130	140	168	0.01	0.035	0.005	0.01	0.012	0.02	0.018
GOOBS0604D3-RC7□-130R168-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0604-F Machining-less to the end shaft

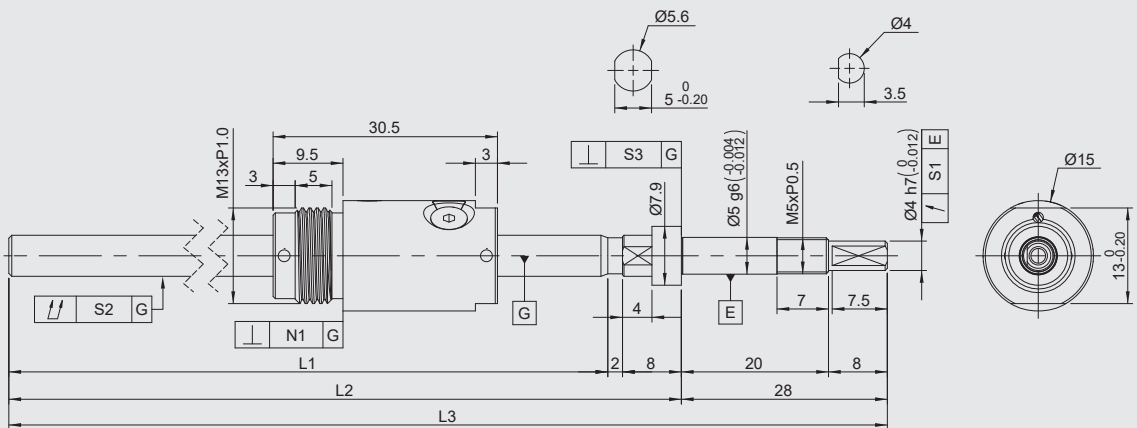
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	1.2			
Lead(mm)	4			
B.C.D(mm)	6.3			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1050			
Max. Static Load Coa(N)	1540			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS0604D3-RC5□-75R117-F	45	75	117	0.035	0.01	0.012	0.018	0.018
GOOBS0604D3-RC7□-75R117-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0604D3-RC5□-105R147-F	75	105	147	0.035	0.01	0.012	0.018	0.018
GOOBS0604D3-RC7□-105R147-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0604D3-RC5□-130R172-F	100	130	172	0.035	0.01	0.012	0.02	0.018
GOOBS0604D3-RC7□-130R172-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0604-M

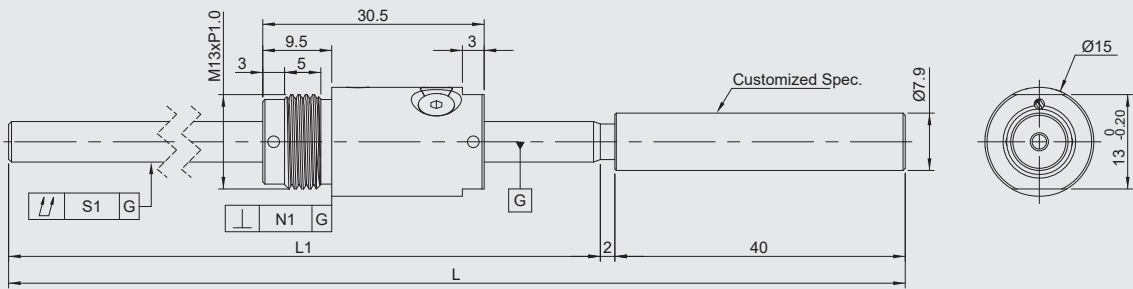
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	1.2			
Lead(mm)	4			
B.C.D(mm)	6.3			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1050			
Max. Static Load Coa(N)	1540			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3					Mean Travel	Variation
GOOBS0604D3-RC5□-75R113-M	40	75	85	113	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0604D3-RC7□-75R113-M					0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0604D3-RC5□-105R143-M	70	105	115	143	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0604D3-RC7□-105R143-M					0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0604D3-RC5□-130R168-M	95	130	140	168	0.01	0.035	0.005	0.01	0.02	0.018
GOOBS0604D3-RC7□-130R168-M					0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	

GOOBS0604-M Machining-less to the end shaft

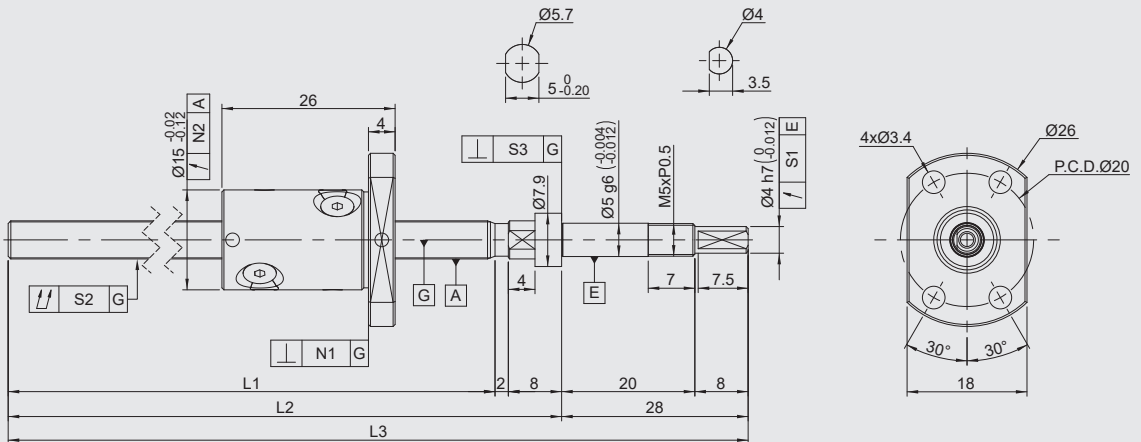
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	1.2			
Lead(mm)	4			
B.C.D(mm)	6.3			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1050			
Max. Static Load Coa(N)	1540			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0604D3-RC5□-75R117-M	40	75	117	0.035	0.01	0.018	0.018
GOOBS0604D3-RC7□-75R117-M				0.045	0.014	Travel Distance : ±0.05/300	
GOOBS0604D3-RC5□-105R147-M	70	105	147	0.035	0.01	0.018	0.018
GOOBS0604D3-RC7□-105R147-M				0.045	0.014	Travel Distance : ±0.05/300	
GOOBS0604D3-RC5□-130R172-M	95	130	172	0.035	0.01	0.02	0.018
GOOBS0604D3-RC7□-130R172-M				0.045	0.014	Travel Distance : ±0.05/300	

GOOBS0606-F

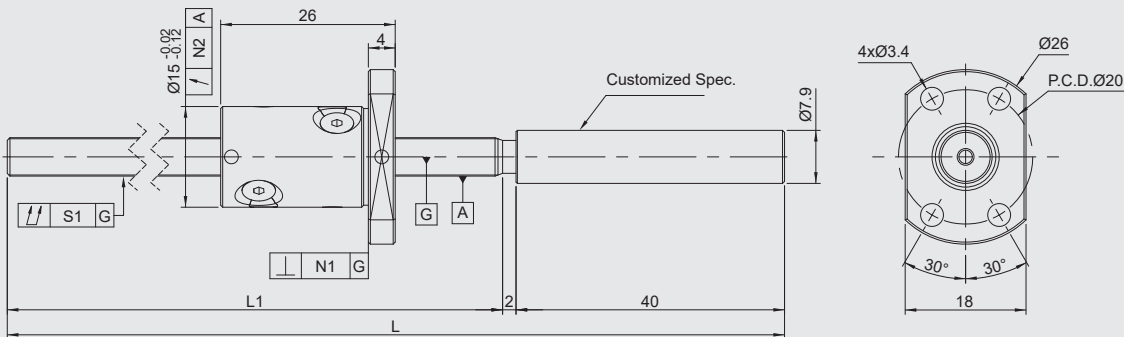
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	1.2			
Lead(mm)	6			
B.C.D(mm)	6.3			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 2 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1380			
Max. Static Load Coa(N)	1900			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3						Mean Travel	Variation
GOOBS0606D2-RC5-75R113-F	45	75	85	113	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0606D2-RC7-75R113-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0606D2-RC5-105R143-F	75	105	115	143	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0606D2-RC7-105R143-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0606D2-RC5-130R168-F	100	130	140	168	0.01	0.035	0.005	0.01	0.012	0.02	0.018
GOOBS0606D2-RC7-130R168-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0606-F Machining-less to the end shaft

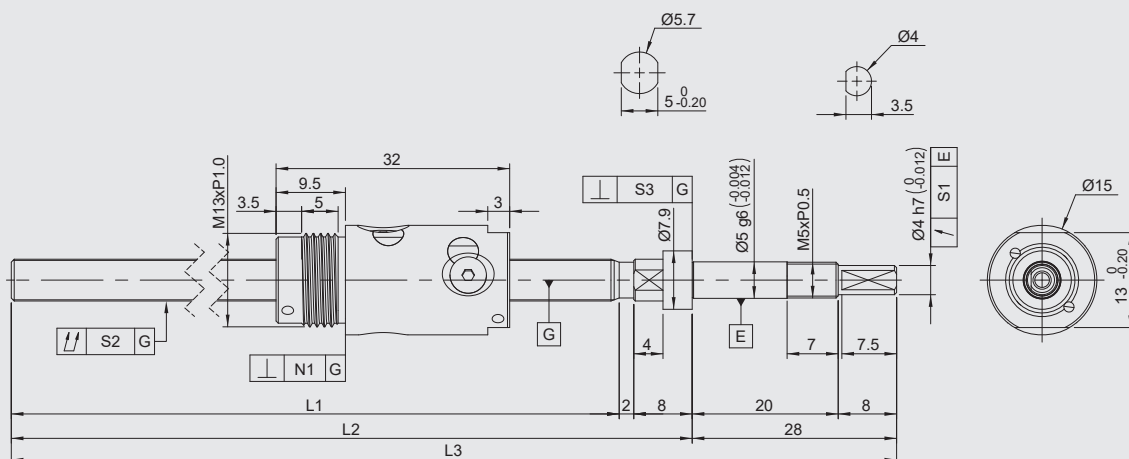
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	1.2			
Lead(mm)	6			
B.C.D(mm)	6.3			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 2 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1380			
Max. Static Load Coa(N)	1900			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS0606D2-RC5□-75R117-F	45	75	117	0.035	0.01	0.012	0.018	0.018
GOOBS0606D2-RC7□-75R117-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0606D2-RC5□-105R147-F	75	105	147	0.035	0.01	0.012	0.018	0.018
GOOBS0606D2-RC7□-105R147-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0606D2-RC5□-130R172-F	100	130	172	0.035	0.01	0.012	0.02	0.018
GOOBS0606D2-RC7□-130R172-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0606-M

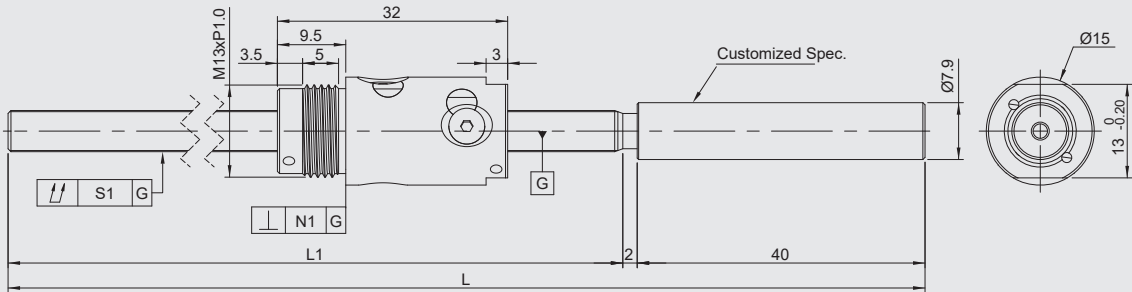
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	1.2			
Lead(mm)	6			
B.C.D(mm)	6.3			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 2 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1380			
Max. Static Load Coa(N)	1900			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	Mean Travel	Variation
GOOBS0606D2-RC5□-75R113-M	40	75	85	113	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0606D2-RC7□-75R113-M					0.014	0.045	0.007	0.014	Travel Distance:±0.05/300	
GOOBS0606D2-RC5□-105R143-M	70	105	115	143	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0606D2-RC7□-105R143-M					0.014	0.045	0.007	0.014	Travel Distance:±0.05/300	
GOOBS0606D2-RC5□-130R168-M	95	130	140	168	0.01	0.035	0.005	0.01	0.02	0.018
GOOBS0606D2-RC7□-130R168-M					0.014	0.045	0.007	0.014	Travel Distance:±0.05/300	

GOOBS0606-M Machining-less to the end shaft

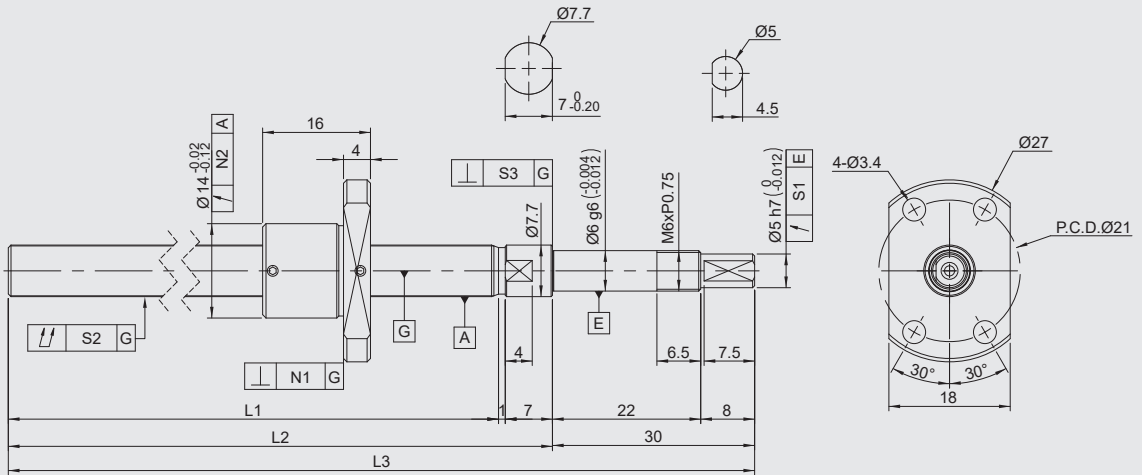
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	1.2			
Lead(mm)	6			
B.C.D(mm)	6.3			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 2 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1380			
Max. Static Load Coa(N)	1900			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0606D2-RC5□-75R117-M	40	75	117	0.035	0.01	0.018	0.018
GOOBS0606D2-RC7□-75R117-M				0.045	0.014	Travel Distance: ±0.05/300	
GOOBS0606D2-RC5□-105R147-M	70	105	147	0.035	0.01	0.018	0.018
GOOBS0606D2-RC7□-105R147-M				0.045	0.014	Travel Distance: ±0.05/300	
GOOBS0606D2-RC5□-130R172-M	95	130	172	0.035	0.01	0.02	0.018
GOOBS0606D2-RC7□-130R172-M				0.045	0.014	Travel Distance: ±0.05/300	

GOOBS0801-F

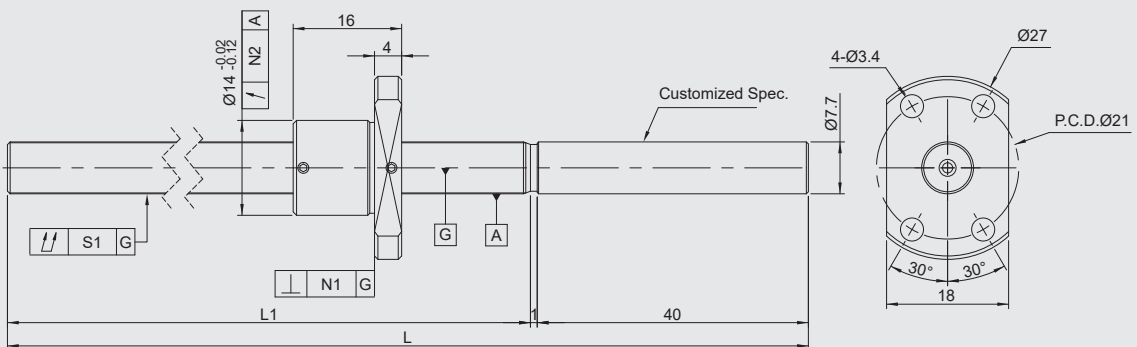
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	8.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	700			
Max. Static Load Coa(N)	1420			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3						Mean Travel	Variation
GOOBS0801KS-RC5□-65R103-F	40	65	73	103	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0801KS-RC7□-65R103-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-95R133-F					0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0801KS-RC7□-95R133-F	70	95	103	133	0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-125R163-F		100	125	163	0.01	0.035	0.005	0.01	0.012	0.02	0.018
GOOBS0801KS-RC7□-125R163-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0801-F Machining-less to the end shaft

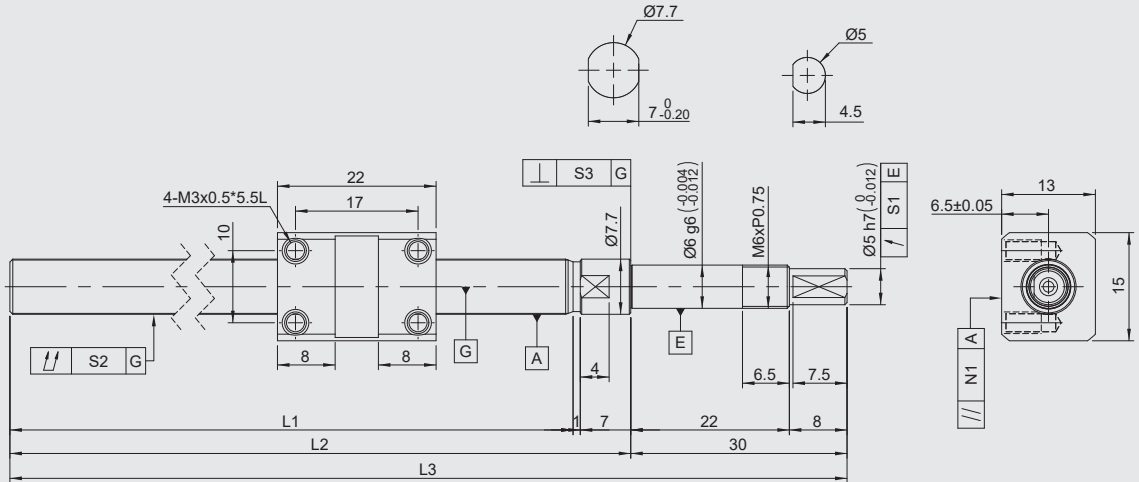
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	8.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	700			
Max. Static Load Coa(N)	1420			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS0801KS-RC5□-65R106-F	40	65	106	0.035	0.01	0.012	0.018	0.018
GOOBS0801KS-RC7□-65R106-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-95R136-F	70	95	136	0.035	0.01	0.012	0.018	0.018
GOOBS0801KS-RC7□-95R136-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-125R166-F	100	125	166	0.035	0.01	0.012	0.02	0.018
GOOBS0801KS-RC7□-125R166-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0801-H

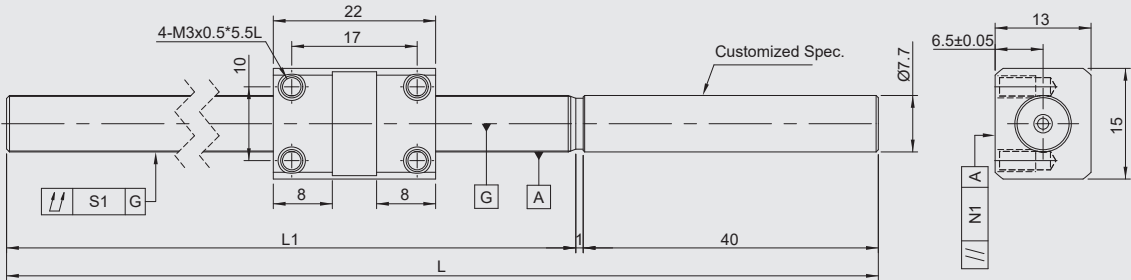
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	8.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	700			
Max. Static Load Coa(N)	1420			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L2	L3					Mean Travel	Variation
GOOBS0801KS-RC5□-65R103-H	40	65	73	103	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0801KS-RC7□-65R103-H					0.014	0.045	0.007	0.017	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-95R133-H	70	95	103	133	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0801KS-RC7□-95R133-H					0.014	0.045	0.007	0.017	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-125R163-H	100	125	133	163	0.01	0.035	0.005	0.01	0.02	0.018
GOOBS0801KS-RC7□-125R163-H					0.014	0.045	0.007	0.017	Travel Distance: ±0.05/300	

GOOBS0801-H Machining-less to the end shaft

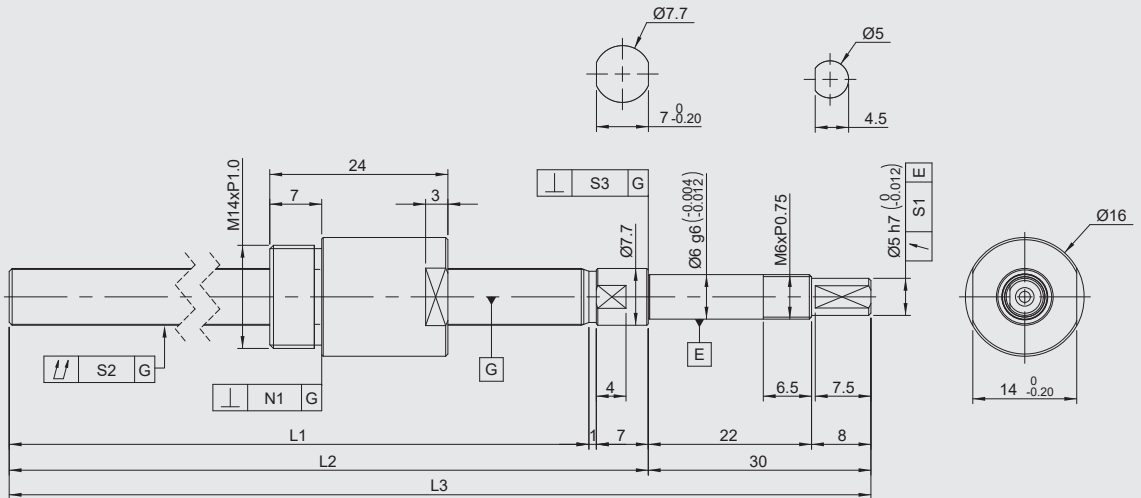
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	8.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	700			
Max. Static Load Coa(N)	1420			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0801KS-RC5□-65R106-H	40	65	106	0.035	0.01	0.018	0.018
GOOBS0801KS-RC7□-65R106-H				0.045	0.017	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-95R136-H	70	95	136	0.035	0.01	0.018	0.018
GOOBS0801KS-RC7□-95R136-H				0.045	0.017	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-125R166-H	100	125	166	0.035	0.01	0.02	0.018
GOOBS0801KS-RC7□-125R166-H				0.045	0.017	Travel Distance: ±0.05/300	

GOOBS0801-M

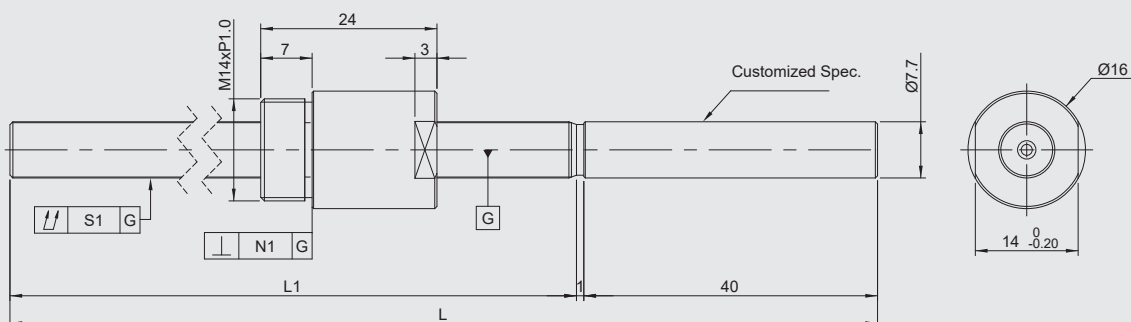
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	8.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	700			
Max. Static Load Coa(N)	1420			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	Mean Travel	Variation
GOOBS0801KS-RC5□-65R103-M	40	65	73	103	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0801KS-RC7□-65R103-M					0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-95R133-M					0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0801KS-RC7□-95R133-M	70	95	103	133	0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0801KS-RC5□-125R163-M					0.01	0.035	0.005	0.01	0.02	0.018
GOOBS0801KS-RC7□-125R163-M					0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	

GOOBS0801-M Machining-less to the end shaft

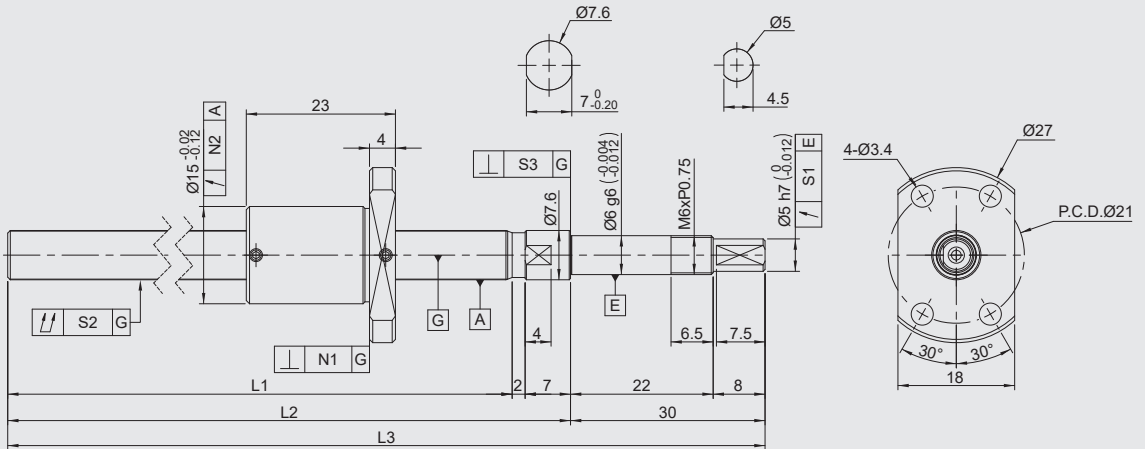
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	8.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	700			
Max. Static Load Coa(N)	1420			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0801KS-RC5□-65R106-M	40	65	106	0.035	0.01	0.018	0.018
GOOBS0801KS-RC7□-65R106-M				0.045	0.014	Travel Distance : ±0.05/300	
GOOBS0801KS-RC5□-95R136-M	70	95	136	0.035	0.01	0.018	0.018
GOOBS0801KS-RC7□-95R136-M				0.045	0.014	Travel Distance : ±0.05/300	
GOOBS0801KS-RC5□-125R166-M	100	125	166	0.035	0.01	0.02	0.018
GOOBS0801KS-RC7□-125R166-M				0.045	0.014	Travel Distance : ±0.05/300	

GOOBS0802-F

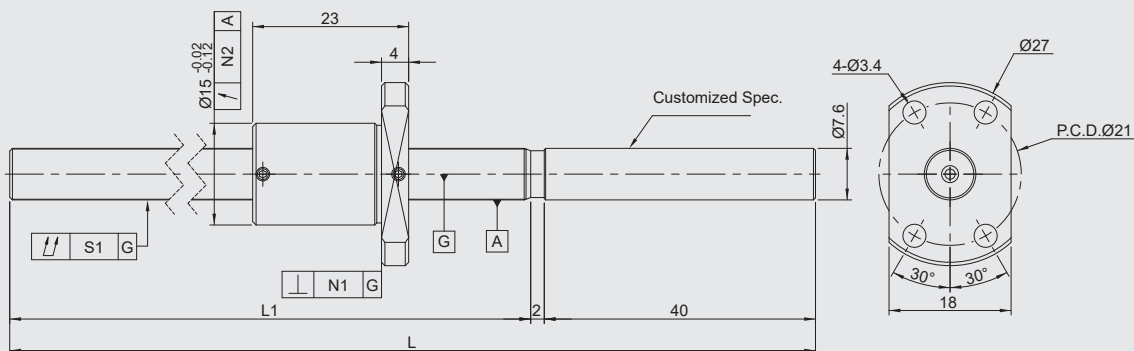
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	1.2			
Lead(mm)	2			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1700			
Max. Static Load Coa(N)	3200			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	N2	Mean Travel	Variation
GOOBS0802KS-RC5□-65R104-F	40	65	74	104	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0802KS-RC7□-65R104-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-95R134-F	70	95	104	134	0.01	0.035	0.005	0.01	0.012	0.018	0.018
GOOBS0802KS-RC7□-95R134-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-125R164-F	100	125	134	164	0.01	0.035	0.005	0.01	0.012	0.02	0.018
GOOBS0802KS-RC7□-125R164-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0802-F Machining-less to the end shaft

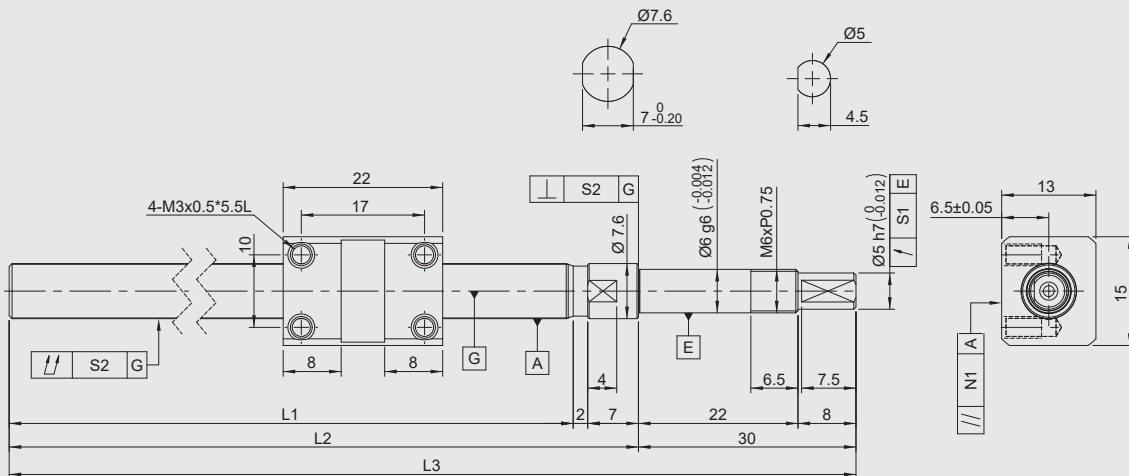
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	1.2			
Lead(mm)	2			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1700			
Max. Static Load Coa(N)	3200			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS0802KS-RC5□-65R107-F	40	65	107	0.035	0.01	0.012	0.018	0.018
GOOBS0802KS-RC7□-65R107-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-95R137-F	70	95	137	0.035	0.01	0.012	0.018	0.018
GOOBS0802KS-RC7□-95R137-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-125R167-F	100	125	167	0.035	0.01	0.012	0.02	0.018
GOOBS0802KS-RC7□-125R167-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0802-H

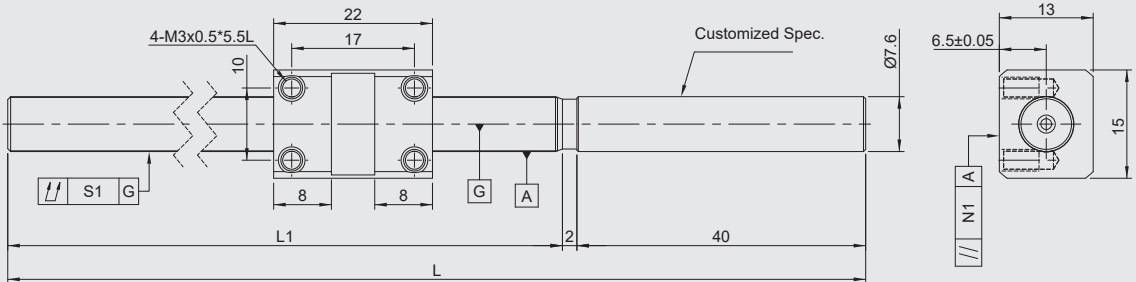
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	1.2			
Lead(mm)	2			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1700			
Max. Static Load Coa(N)	3200			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	Mean Travel	Variation
GOOBS0802KS-RC5□-65R104-H	40	65	74	104	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0802KS-RC7□-65R104-H					0.014	0.045	0.007	0.017	Travel Distance:±0.05/300	
GOOBS0802KS-RC5□-95R134-H	70	95	104	134	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0802KS-RC7□-95R134-H					0.014	0.045	0.007	0.017	Travel Distance:±0.05/300	
GOOBS0802KS-RC5□-125R164-H	100	125	134	164	0.01	0.035	0.005	0.01	0.02	0.018
GOOBS0802KS-RC7□-125R164-H					0.014	0.045	0.007	0.017	Travel Distance:±0.05/300	

GOOBS0802-H Machining-less to the end shaft

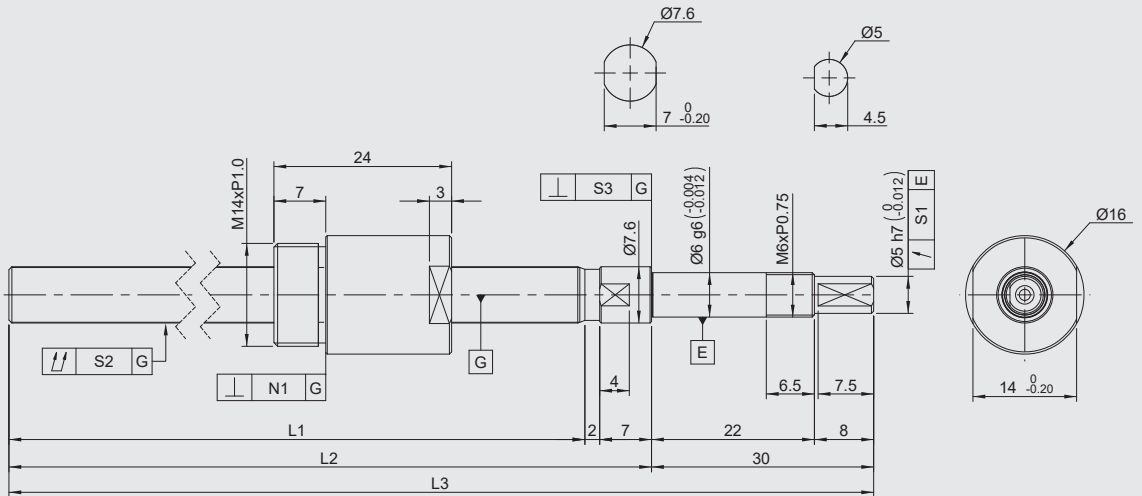
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	1.2			
Lead(mm)	2			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1700			
Max. Static Load Coa(N)	3200			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0802KS-RC5□-65R107-H	40	65	107	0.035	0.01	0.018	0.018
GOOBS0802KS-RC7□-65R107-H				0.045	0.017	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-95R137-H	70	95	137	0.035	0.01	0.018	0.018
GOOBS0802KS-RC7□-95R137-H				0.045	0.017	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-125R167-H	100	125	167	0.035	0.01	0.02	0.018
GOOBS0802KS-RC7□-125R167-H				0.045	0.017	Travel Distance: ±0.05/300	

GOOBS0802-M

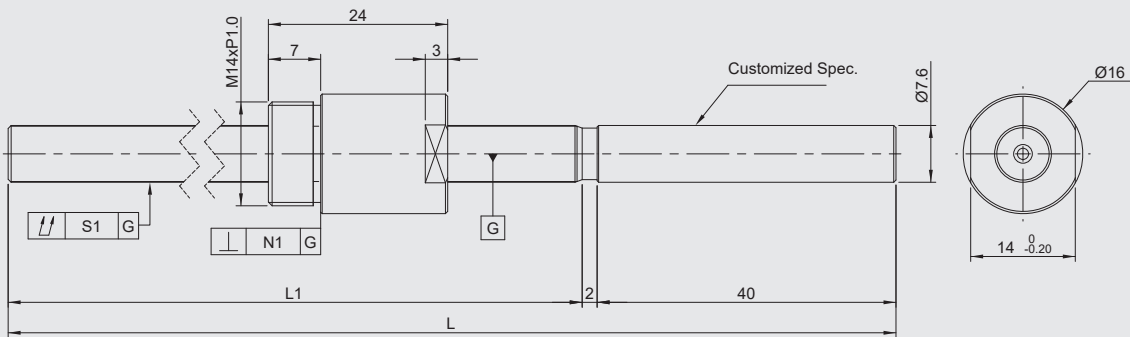
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	1.2			
Lead(mm)	2			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1700			
Max. Static Load Coa(N)	3200			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3					Mean Travel	Variation
GOOBS0802KS-RC5□-65R104-M	40	65	74	104	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0802KS-RC7□-65R104-M					0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-95R134-M	70	95	104	134	0.01	0.035	0.005	0.01	0.018	0.018
GOOBS0802KS-RC7□-95R134-M					0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-125R164-M	100	125	134	164	0.01	0.035	0.005	0.01	0.02	0.018
GOOBS0802KS-RC7□-125R164-M					0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	

GOOBS0802-M Machining-less to the end shaft

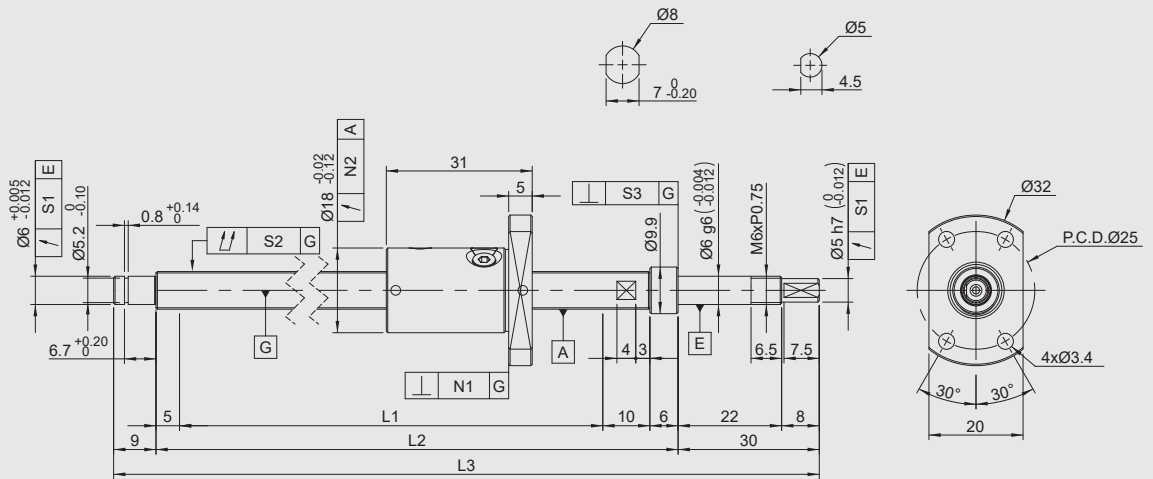
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	1.2			
Lead(mm)	2			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1700			
Max. Static Load Coa(N)	3200			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0802KS-RC5□-65R107-M	40	65	107	0.035	0.01	0.018	0.018
GOOBS0802KS-RC7□-65R107-M				0.045	0.014	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-95R137-M	70	95	137	0.035	0.01	0.018	0.018
GOOBS0802KS-RC7□-95R137-M				0.045	0.014	Travel Distance: ±0.05/300	
GOOBS0802KS-RC5□-125R167-M	100	125	167	0.035	0.01	0.02	0.018
GOOBS0802KS-RC7□-125R167-M				0.045	0.014	Travel Distance: ±0.05/300	

GOOBS0805-F

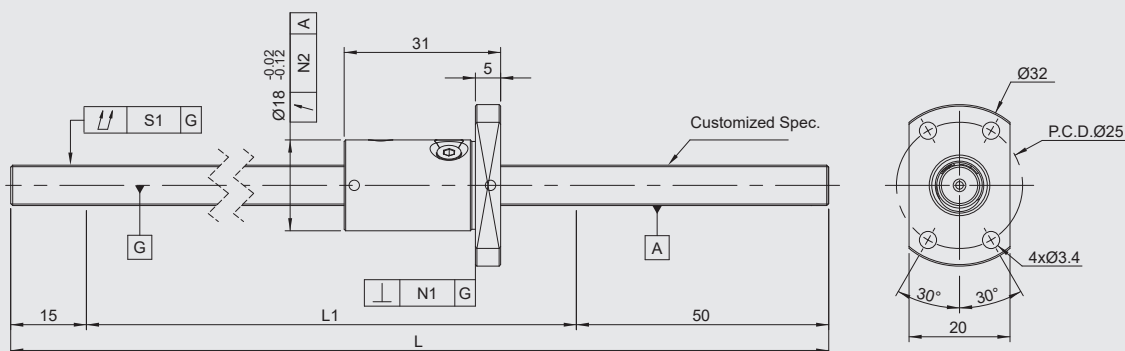
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	2			
Lead(mm)	5			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	2550			
Max. Static Load Coa(N)	3780			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3						Mean Travel	Variation
GOOBS0805D3-RC5□-190R250-F	150	190	211	250	0.01	0.05	0.005	0.01	0.012	0.02	0.018
GOOBS0805D3-RC7□-190R250-F					0.014	0.065	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0805D3-RC5□-240R300-F	200	240	261	300	0.01	0.065	0.005	0.01	0.012	0.023	0.018
GOOBS0805D3-RC7□-240R300-F					0.014	0.08	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0805D3-RC5□-290R350-F	250	290	311	350	0.01	0.065	0.005	0.01	0.012	0.023	0.018
GOOBS0805D3-RC7□-290R350-F					0.014	0.08	0.007	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0805-F Machining-less to the end shaft

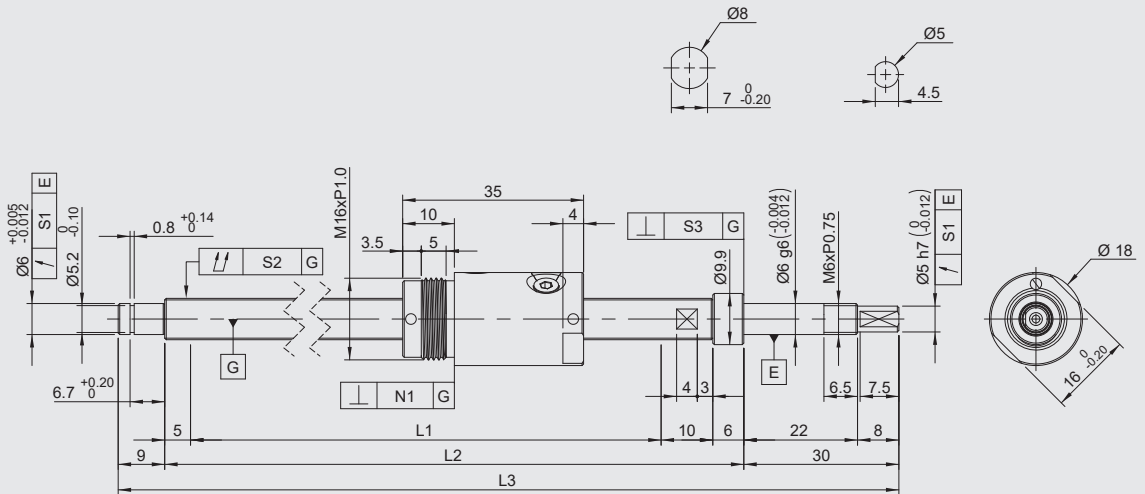
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	2			
Lead(mm)	5			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	2550			
Max. Static Load Coa(N)	3780			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS0805D3-RC5□-190R255-F	150	190	255	0.05	0.01	0.012	0.02	0.018
GOOBS0805D3-RC7□-190R255-F				0.065	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0805D3-RC5□-240R305-F	200	240	305	0.065	0.01	0.012	0.023	0.018
GOOBS0805D3-RC7□-240R305-F				0.08	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0805D3-RC5□-290R355-F	250	290	355	0.065	0.01	0.012	0.023	0.018
GOOBS0805D3-RC7□-290R355-F				0.08	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0805-M

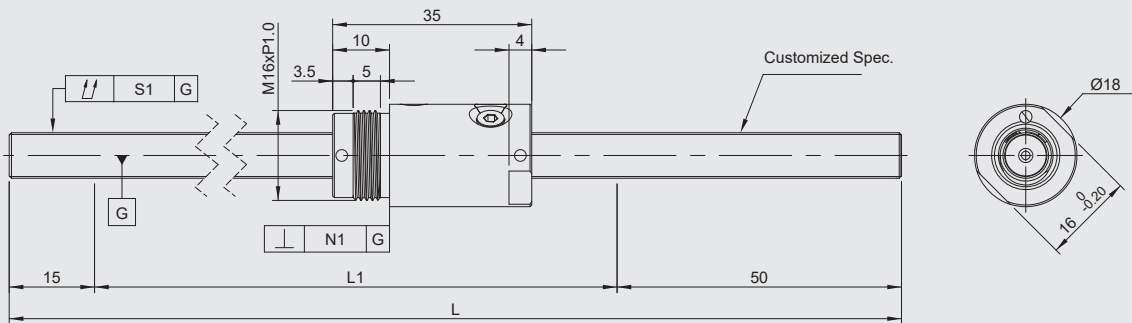
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	2			
Lead(mm)	5			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	2550			
Max. Static Load Coa(N)	3780			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3					Mean Travel	Variation
GOOBS0805D3-RC5□-190R250-M	150	190	211	250	0.01	0.05	0.005	0.01	0.02	0.018
GOOBS0805D3-RC7□-190R250-M					0.014	0.065	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0805D3-RC5□-240R300-M	200	240	261	300	0.01	0.065	0.005	0.01	0.023	0.018
GOOBS0805D3-RC7□-240R300-M					0.014	0.08	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0805D3-RC5□-290R350-M	250	290	311	350	0.01	0.065	0.005	0.01	0.023	0.018
GOOBS0805D3-RC7□-290R350-M					0.014	0.08	0.007	0.014	Travel Distance: ±0.05/300	

GOOBS0805-M Machining-less to the end shaft

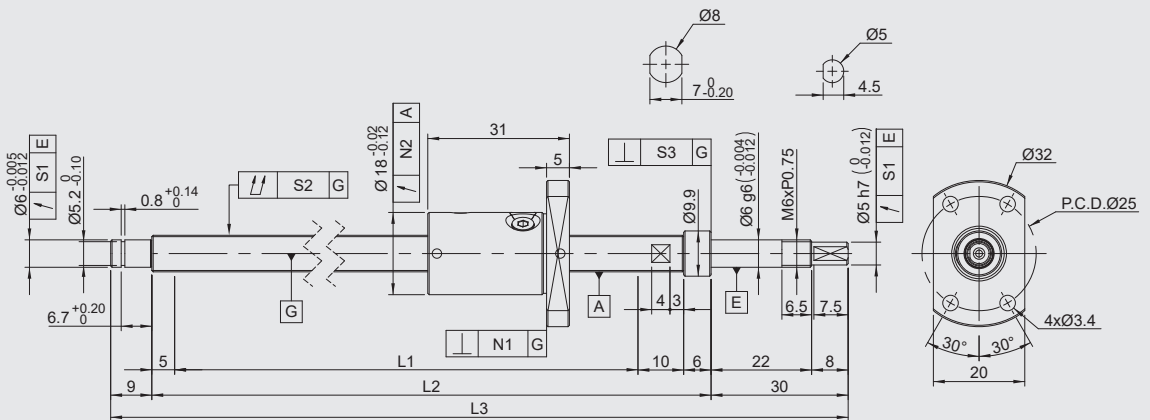
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	2			
Lead(mm)	5			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	2550			
Max. Static Load Coa(N)	3780			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0805D3-RC5□-190R255-M	150	190	255	S1	N1	0.02	0.018
GOOBS0805D3-RC7□-190R255-M				0.05	0.01	Travel Distance: ±0.05/300	
GOOBS0805D3-RC5□-240R305-M	200	240	305	0.065	0.014	0.023	0.018
GOOBS0805D3-RC7□-240R305-M				0.065	0.01	Travel Distance: ±0.05/300	
GOOBS0805D3-RC5□-290R355-M	250	290	355	0.08	0.014	0.023	0.018
GOOBS0805D3-RC7□-290R355-M				0.065	0.01	Travel Distance: ±0.05/300	
				0.08	0.014	Travel Distance: ±0.05/300	

GOOBS0808-F

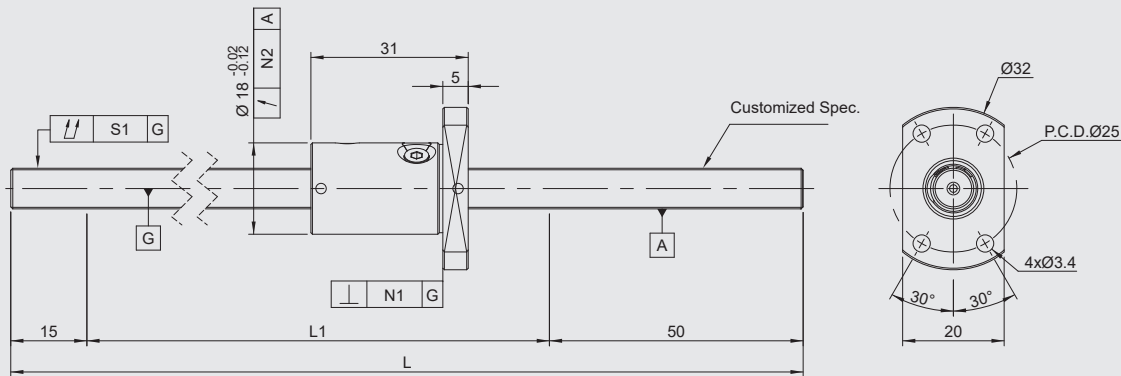
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	2			
Lead(mm)	8			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1680			
Max. Static Load Coa(N)	2320			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3						Mean Travel	Variation
GOOBS0808D1-RC5□-190R250-F	150	190	211	250	0.01	0.05	0.005	0.01	0.012	0.02	0.018
GOOBS0808D1-RC7□-190R250-F					0.014	0.065	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0808D1-RC5□-240R300-F	200	240	261	300	0.01	0.065	0.005	0.01	0.012	0.023	0.018
GOOBS0808D1-RC7□-240R300-F					0.014	0.08	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0808D1-RC5□-290R350-F	250	290	311	350	0.01	0.065	0.005	0.01	0.012	0.023	0.018
GOOBS0808D1-RC7□-290R350-F					0.014	0.08	0.007	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0808-F Machining-less to the end shaft

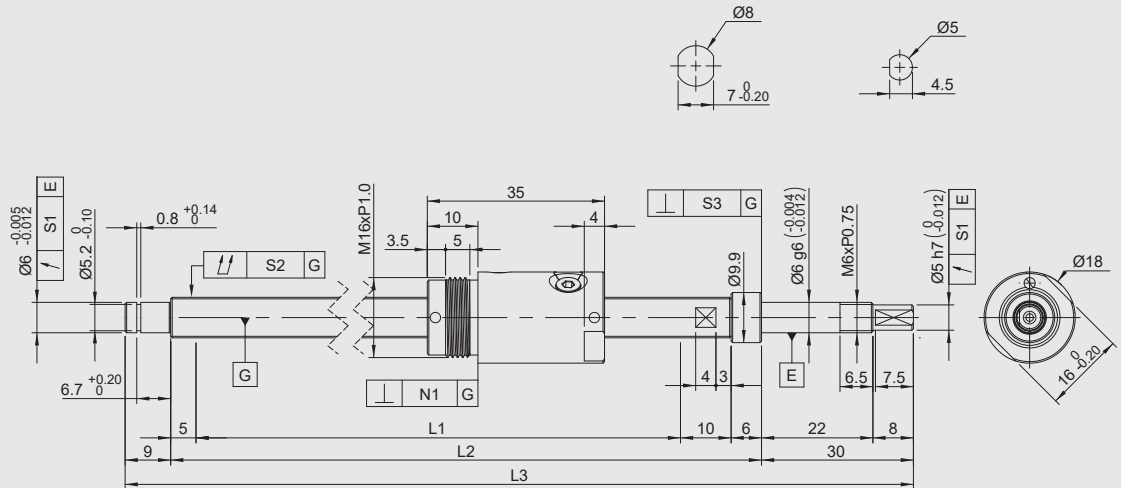
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	2			
Lead(mm)	8			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1680			
Max. Static Load Coa(N)	2320			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS0808D1-RC5□-190R255-F	150	190	255	0.05	0.01	0.012	0.02	0.018
GOOBS0808D1-RC7□-190R255-F				0.065	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0808D1-RC5□-240R305-F	200	240	305	0.065	0.01	0.012	0.023	0.018
GOOBS0808D1-RC7□-240R305-F				0.08	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS0808D1-RC5□-290R355-F	250	290	355	0.065	0.01	0.012	0.023	0.018
GOOBS0808D1-RC7□-290R355-F				0.08	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS0808-M

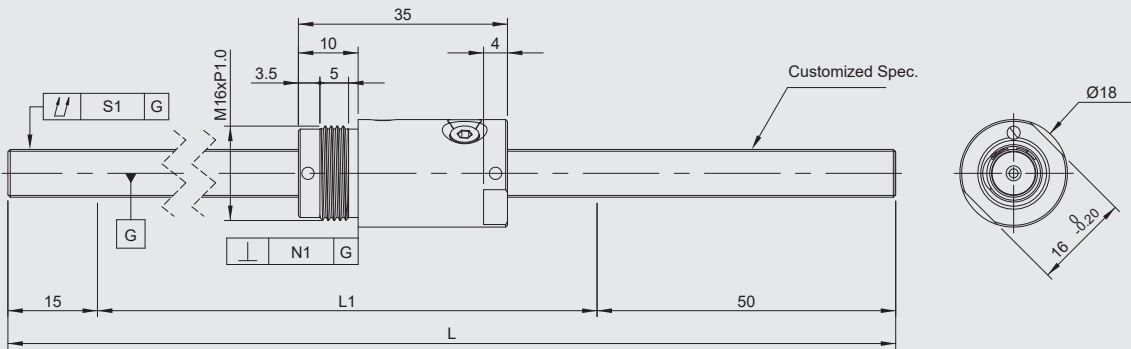
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	2			
Lead(mm)	8			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1680			
Max. Static Load Coa(N)	2320			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3					Mean Travel	Variation
GOOBS0808D1-RC5□-190R250-M	150	190	211	250	0.01	0.05	0.005	0.01	0.02	0.018
GOOBS0808D1-RC7□-190R250-M					0.014	0.065	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0808D1-RC5□-240R300-M	200	240	261	300	0.01	0.065	0.005	0.01	0.023	0.018
GOOBS0808D1-RC7□-240R300-M					0.014	0.08	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS0808D1-RC5□-290R350-M	250	290	311	350	0.01	0.065	0.005	0.01	0.023	0.018
GOOBS0808D1-RC7□-290R350-M					0.014	0.08	0.007	0.014	Travel Distance: ±0.05/300	

GOOBS0808-M Machining-less to the end shaft

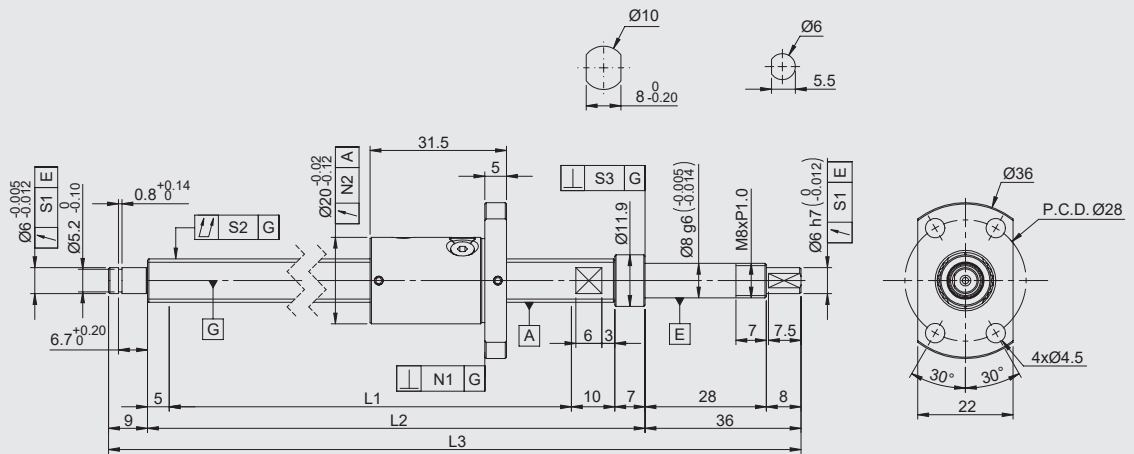
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	2			
Lead(mm)	8			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1680			
Max. Static Load Coa(N)	2320			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS0808D1-RC5□-190R255-M	150	190	255	0.05	0.01	0.02	0.018
GOOBS0808D1-RC7□-190R255-M				0.065	0.014	Travel Distance: ±0.05/300	
GOOBS0808D1-RC5□-240R305-M	200	240	305	0.065	0.01	0.023	0.018
GOOBS0808D1-RC7□-240R305-M				0.08	0.014	Travel Distance: ±0.05/300	
GOOBS0808D1-RC5□-290R355-M	250	290	355	0.065	0.01	0.023	0.018
GOOBS0808D1-RC7□-290R355-M				0.08	0.014	Travel Distance: ±0.05/300	

GOOBS1005-F

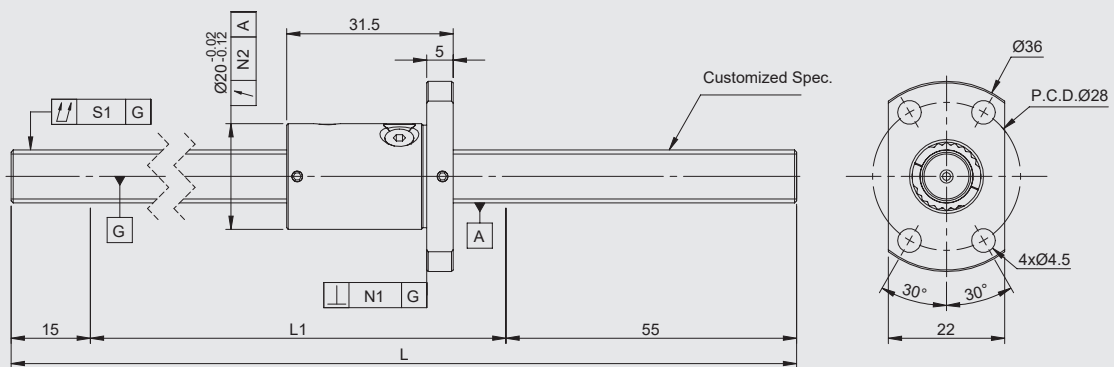
Rolled Ball Screw				
Nominal Dia(mm)	10			
Ball Dia(mm)	2			
Lead(mm)	5			
B.C.D(mm)	10.5			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	2920			
Max. Static Load Coa(N)	4920			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3						Mean Travel	Variation
GOOBS1005D3-RC5□-190R257-F	150	190	212	257	0.011	0.04	0.005	0.01	0.012	0.02	0.018
GOOBS1005D3-RC7□-190R257-F					0.014	0.045	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS1005D3-RC5□-340R407-F	300	340	362	407	0.011	0.065	0.005	0.01	0.012	0.025	0.020
GOOBS1005D3-RC7□-340R407-F					0.014	0.08	0.007	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS1005D3-RC5□-490R557-F	450	490	512	557	0.011	0.08	0.005	0.01	0.012	0.027	0.020
GOOBS1005D3-RC7□-490R557-F					0.014	0.095	0.007	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS1005-F Machining-less to the end shaft

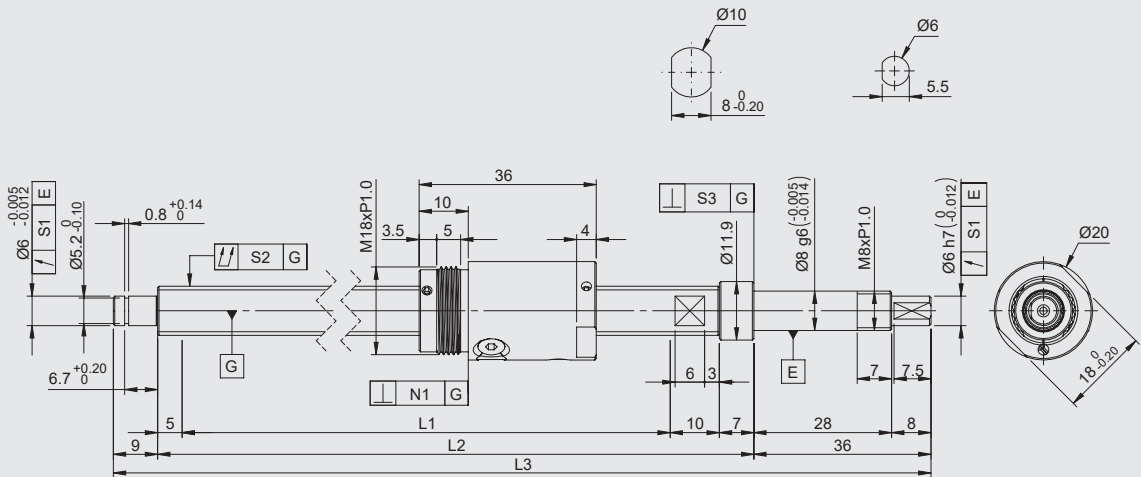
Rolled Ball Screw				
Nominal Dia(mm)	10			
Ball Dia(mm)	2			
Lead(mm)	5			
B.C.D(mm)	10.5			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	2920			
Max. Static Load Coa(N)	4920			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS1005D3-RC5□-190R260-F	150	190	260	0.04	0.01	0.012	0.02	0.018
GOOBS1005D3-RC7□-190R260-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS1005D3-RC5□-340R410-F	300	340	410	0.065	0.01	0.012	0.025	0.018
GOOBS1005D3-RC7□-340R410-F				0.08	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS1005D3-RC5□-490R560-F	450	490	560	0.08	0.01	0.012	0.027	0.018
GOOBS1005D3-RC7□-490R560-F				0.09	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS1005-M

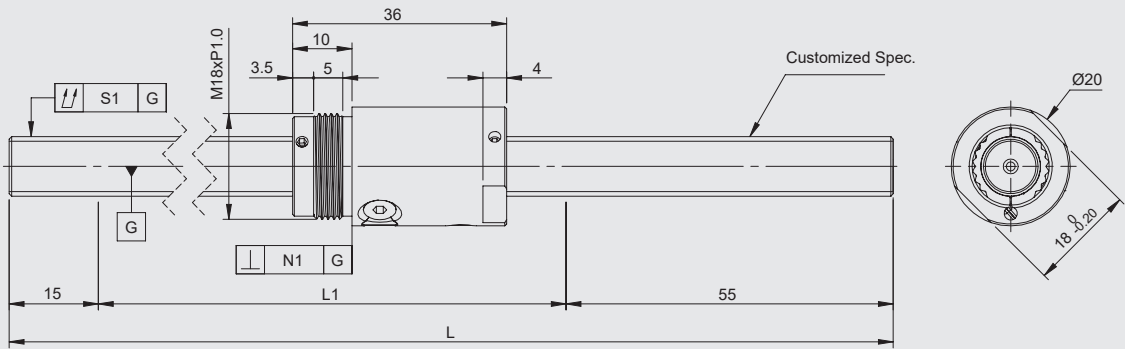
Rolled Ball Screw				
Nominal Dia(mm)	10			
Ball Dia(mm)	2			
Lead(mm)	5			
B.C.D(mm)	10.5			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	2920			
Max. Static Load Coa(N)	4920			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3					Mean Travel	Variation
GOOBS1005D3-RC5□-190R257-M	150	190	212	257	0.011	0.04	0.005	0.01	0.02	0.018
GOOBS1005D3-RC7□-190R257-M					0.014	0.045	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS1005D3-RC5□-340R407-M	300	340	362	407	0.011	0.065	0.005	0.01	0.025	0.020
GOOBS1005D3-RC7□-340R407-M					0.014	0.08	0.007	0.014	Travel Distance: ±0.05/300	
GOOBS1005D3-RC5□-490R557-M	450	490	512	557	0.011	0.08	0.005	0.01	0.027	0.020
GOOBS1005D3-RC7□-490R557-M					0.014	0.095	0.007	0.014	Travel Distance: ±0.05/300	

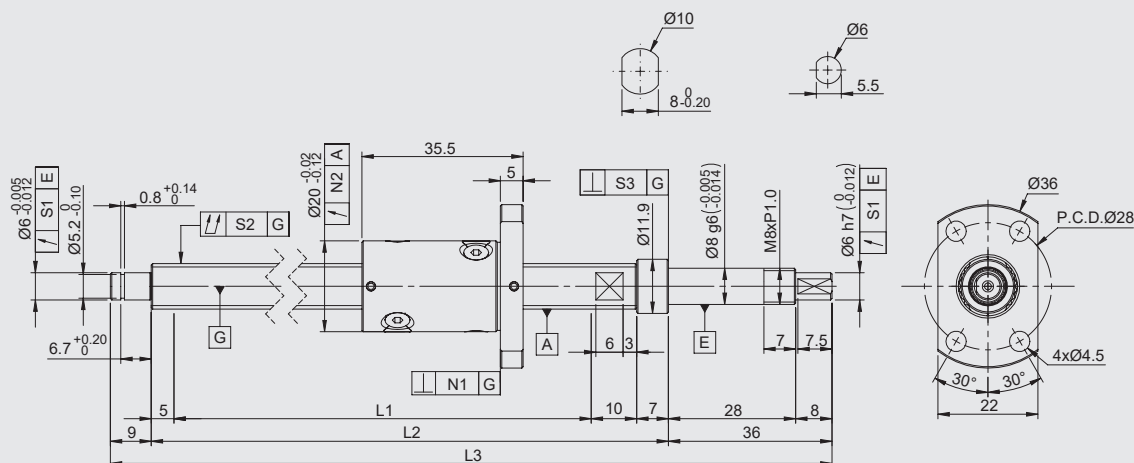
GOOBS1005-M Machining-less to the end shaft

Rolled Ball Screw				
Nominal Dia(mm)	10			
Ball Dia(mm)	2			
Lead(mm)	5			
B.C.D(mm)	10.5			
Thread Direction	Right Hand			
Circuits	2.7 Returns x 1 Circuit			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	2920			
Max. Static Load Coa(N)	4920			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS1005D3-RC5□-190R260-M	150	190	260	0.04	0.01	0.02	0.018
GOOBS1005D3-RC7□-190R260-M				0.045	0.014	Travel Distance: ±0.05/300	
GOOBS1005D3-RC5□-340R410-M	300	340	410	0.065	0.01	0.025	0.018
GOOBS1005D3-RC7□-340R410-M				0.08	0.014	Travel Distance: ±0.05/300	
GOOBS1005D3-RC5□-490R560-M	450	490	560	0.08	0.01	0.027	0.018
GOOBS1005D3-RC7□-490R560-M				0.09	0.014	Travel Distance: ±0.05/300	

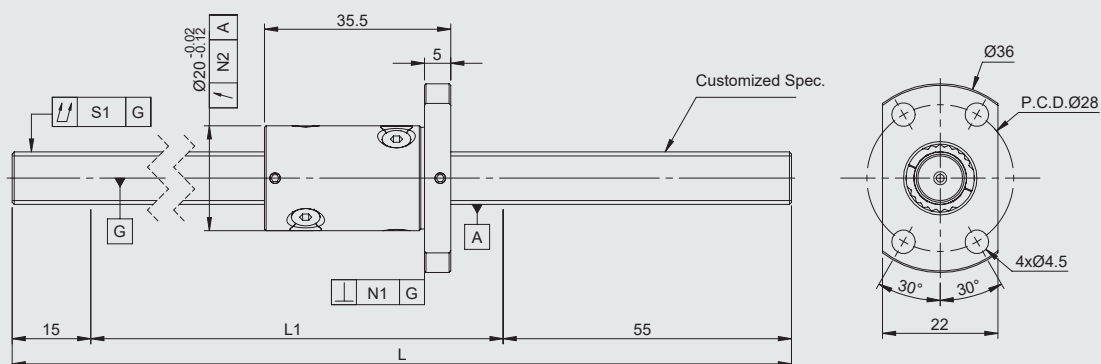
	Rolled Ball Screw				
	Nominal Dia(mm)	10			
	Ball Dia(mm)	2			
	Lead(mm)	10			
	B.C.D(mm)	10.5			
	Thread Direction	Right Hand			
	Circuits	1.7 Returns x 2 Circuits			
	Accuracy	C5X	C5Y	C7Y	C7Z
	Axial Backlash	0	< 0.005	< 0.005	< 0.01
	Dynamic Load Ca(N)	3860			
	Max. Static Load Coa(N)	6000			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Nut Deviation Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	N2	Mean Travel	Variation
GOOBS1010D2-RC5□-190R257-F	150	190	212	257	0.011	0.04	0.005	0.01	0.012	0.02	0.018
GOOBS1010D2-RC7□-190R257-F					0.014	0.045	0.007	0.014	0.02	Travel Distance:±0.05/300	
GOOBS1010D2-RC5□-340R407-F	300	340	362	407	0.011	0.065	0.005	0.01	0.012	0.025	0.020
GOOBS1010D2-RC7□-340R407-F					0.014	0.08	0.007	0.014	0.02	Travel Distance:±0.05/300	
GOOBS1010D2-RC5□-490R557-F	450	490	512	557	0.011	0.08	0.005	0.01	0.012	0.027	0.020
GOOBS1010D2-RC7□-490R557-F					0.014	0.095	0.007	0.014	0.02	Travel Distance:±0.05/300	

GOOBS1010-F Machining-less to the end shaft

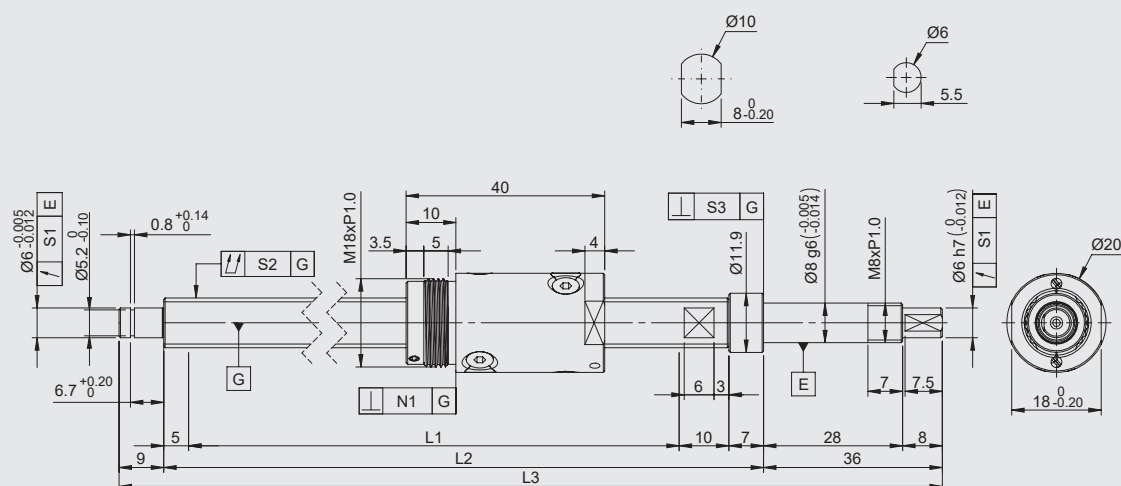
Rolled Ball Screw				
Nominal Dia(mm)	10			
Ball Dia(mm)	2			
Lead(mm)	10			
B.C.D(mm)	10.5			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 2 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	3860			
Max. Static Load Coa(N)	6000			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				Mean Travel	Variation
GOOBS1010D2-RC5□-190R260-F	150	190	260	0.04	0.01	0.012	0.02	0.018
GOOBS1010D2-RC7□-190R260-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS1010D2-RC5□-340R410-F	300	340	410	0.065	0.01	0.012	0.025	0.018
GOOBS1010D2-RC7□-340R410-F				0.08	0.014	0.02	Travel Distance: ±0.05/300	
GOOBS1010D2-RC5□-490R560-F	450	490	560	0.08	0.01	0.012	0.027	0.018
GOOBS1010D2-RC7□-490R560-F				0.09	0.014	0.02	Travel Distance: ±0.05/300	

GOOBS1010-M

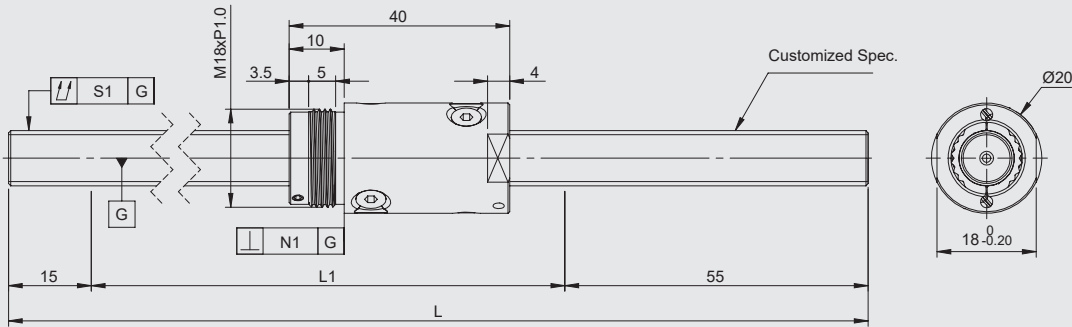
Rolled Ball Screw				
Nominal Dia(mm)	10			
Ball Dia(mm)	2			
Lead(mm)	10			
B.C.D(mm)	10.5			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 2 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	3860			
Max. Static Load Coa(N)	6000			



Specification	Stroke	Shaft Length			Deviation Tolerance	Cumulative Deviation Tolerance	Bearing Seat Verticality Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L2	L3	S1	S2	S3	N1	Mean Travel	Variation
GOOBS1010D2-RC5□-190R257-M	150	190	212	257	0.011	0.04	0.005	0.01	0.02	0.018
GOOBS1010D2-RC7□-190R257-M					0.014	0.045	0.007	0.014	Travel Distance:±0.05/300	
GOOBS1010D2-RC5□-340R407-M	300	340	362	407	0.011	0.065	0.005	0.01	0.025	0.020
GOOBS1010D2-RC7□-340R407-M					0.014	0.08	0.007	0.014	Travel Distance:±0.05/300	
GOOBS1010D2-RC5□-490R557-M	450	490	512	557	0.011	0.08	0.005	0.01	0.027	0.020
GOOBS1010D2-RC7□-490R557-M					0.014	0.095	0.007	0.014	Travel Distance:±0.05/300	

GOOBS1010-M Machining-less to the end shaft

Rolled Ball Screw				
Nominal Dia(mm)	10			
Ball Dia(mm)	2			
Lead(mm)	10			
B.C.D(mm)	10.5			
Thread Direction	Right Hand			
Circuits	1.7 Returns x 2 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	3860			
Max. Static Load Coa(N)	6000			

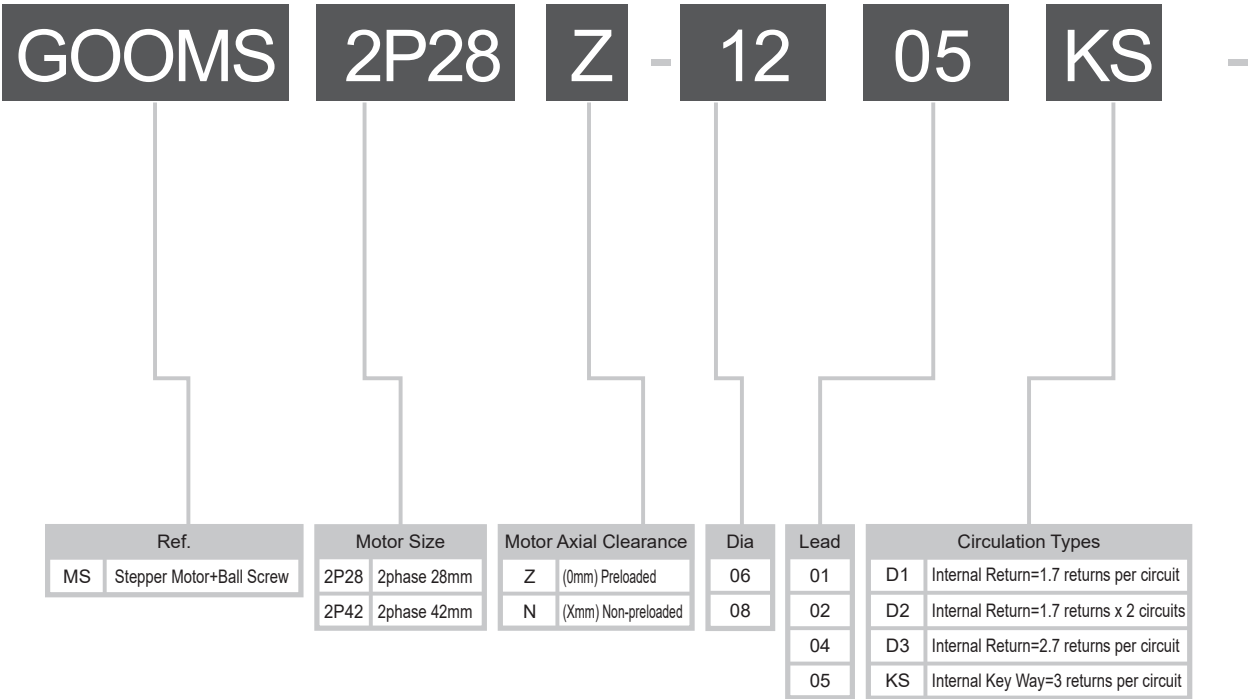


Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOBS1010D2-RC5□-190R260-M	150	190	260	0.04	0.01	0.02	0.018
GOOBS1010D2-RC7□-190R260-M				0.045	0.014	Travel Distance: ±0.05/300	
GOOBS1010D2-RC5□-340R410-M	300	340	410	0.065	0.01	0.025	0.018
GOOBS1010D2-RC7□-340R410-M				0.08	0.014	Travel Distance: ±0.05/300	
GOOBS1010D2-RC5□-490R560-M	450	490	560	0.08	0.01	0.027	0.018
GOOBS1010D2-RC7□-490R560-M				0.09	0.014	Travel Distance: ±0.05/300	

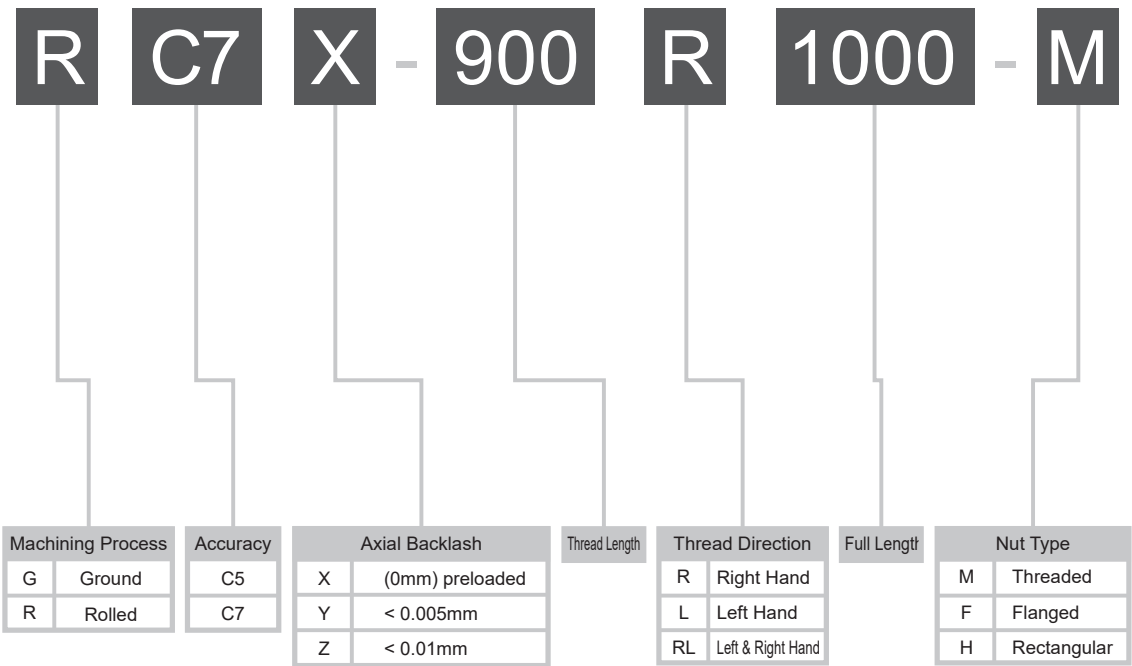
GOOMS Series Model Number Description

Specification

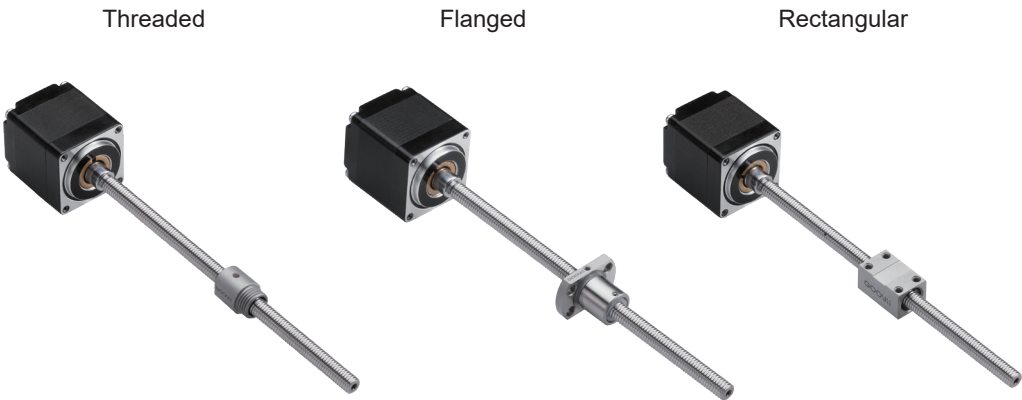
Ball Screws



GOOMS Series Model Number Description

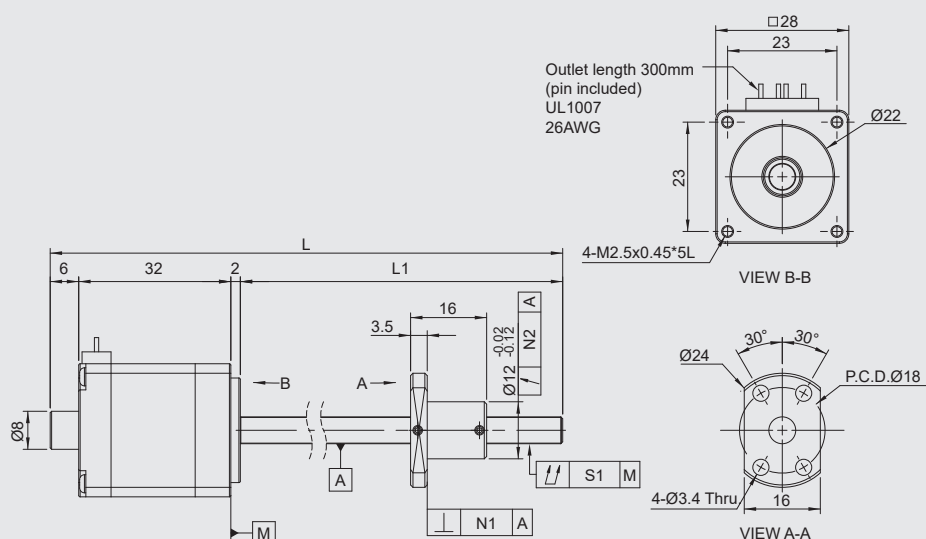


Models



GOOMS2P28Z-0601-F

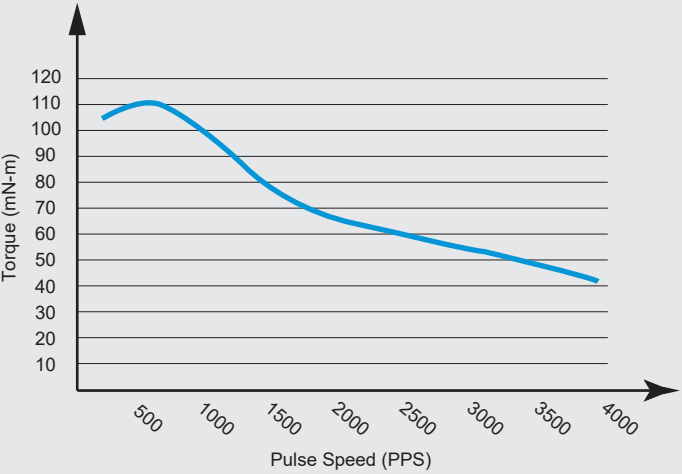
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005 mm	< 0.005	< 0.01
Dynamic Load Ca(N)	930			
Max. Static Load Coa(N)				



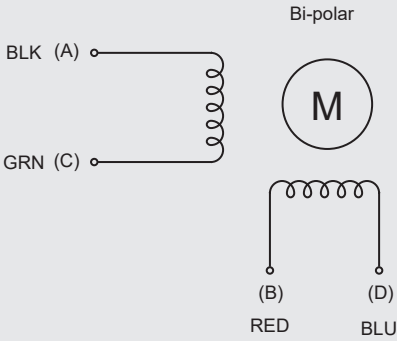
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				S1	N1
GOOMS2P28Z-0601KS-RC5□-65R105-F	40	65	105	0.035	0.01	0.012	0.018	0.018
GOOMS2P28Z-0601KS-RC7□-65R105-F				0.045	0.014	0.02	Travel Distance:±0.05/300	
GOOMS2P28Z-0601KS-RC5□-95R135-F	70	95	135	0.035	0.01	0.012	0.018	0.018
GOOMS2P28Z-0601KS-RC7□-95R135-F				0.045	0.014	0.02	Travel Distance:±0.05/300	
GOOMS2P28Z-0601KS-RC5□-125R165-F	100	125	165	0.035	0.01	0.012	0.02	0.018
GOOMS2P28Z-0601KS-RC7□-125R165-F				0.045	0.014	0.02	Travel Distance:±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	3.8
Current / Phase(A)	0.67
Resistor / Phase (Ω)	5.6±10%
Inductor / Phase (mH)	3.4±15%
Moment of Inertia (kg·m ²)	9x10 ⁻⁷
Holding Torque (g·cm)	600

Rotation Speed-Torque Characteristics



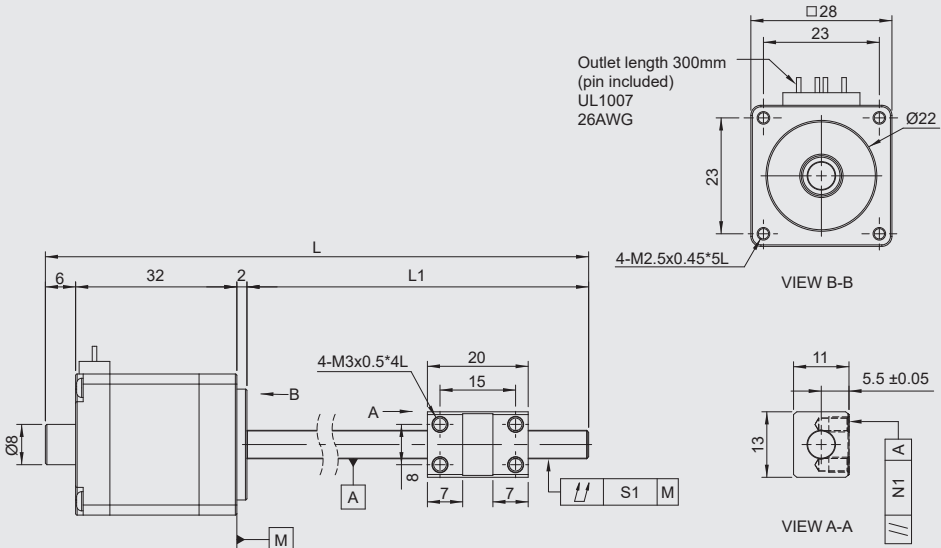
Wiring Diagram



GOOMS2P28Z Series

GOOMS2P28Z-0601-H

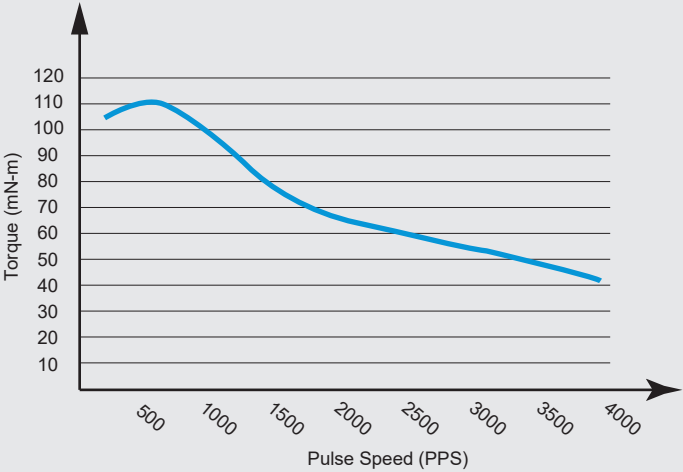
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



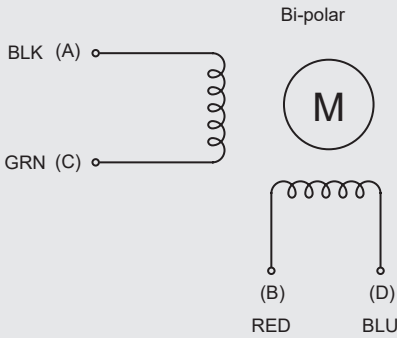
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOMS2P28Z-0601KS-RC5□-65R105-H	40	65	105	0.035	0.01	0.018	0.018
GOOMS2P28Z-0601KS-RC7□-65R105-H				0.045	0.017	Travel Distance : ±0.05/300	
GOOMS2P28Z-0601KS-RC5□-95R135-H	70	95	135	0.035	0.01	0.018	0.018
GOOMS2P28Z-0601KS-RC7□-95R135-H				0.045	0.017	Travel Distance : ±0.05/300	
GOOMS2P28Z-0601KS-RC5□-125R165-H	100	125	165	0.035	0.01	0.02	0.018
GOOMS2P28Z-0601KS-RC7□-125R165-H				0.045	0.017	Travel Distance : ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	3.8
Current / Phase(A)	0.67
Resistor / Phase (Ω)	5.6±10%
Inductor / Phase (mH)	3.4±15%
Moment of Inertia (kg·m ²)	9x10 ⁻⁷
Holding Torque (g·cm)	600

Rotation Speed-Torque Characteristics



Wiring Diagram

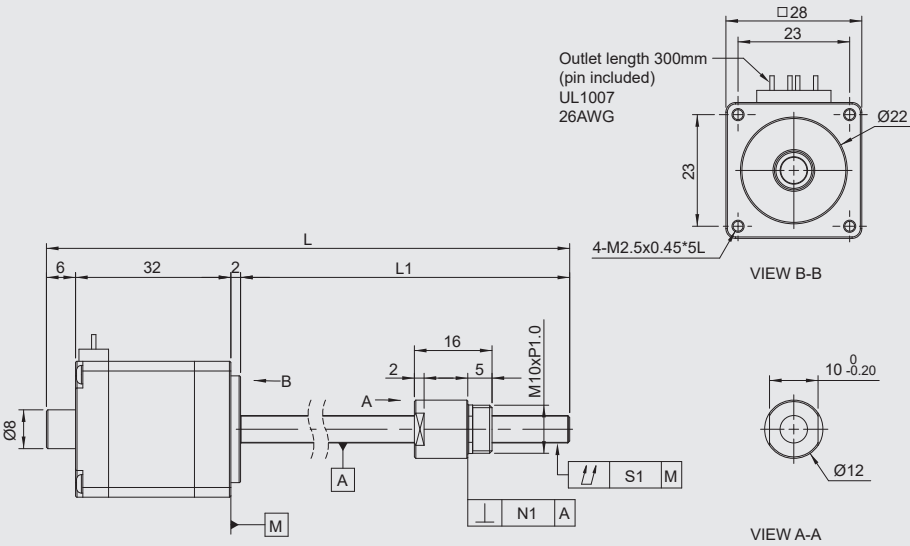


GOOMS2P28Z-0601-M

Specification

Ball Screws

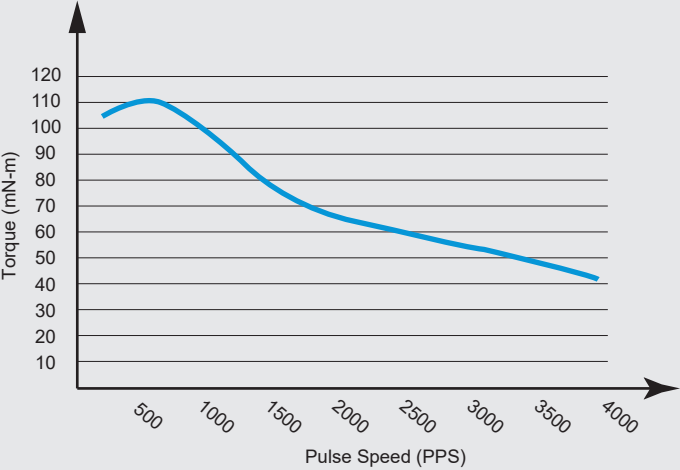
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



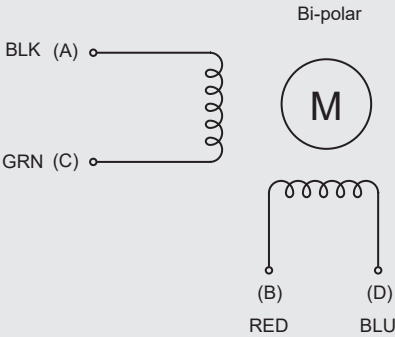
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOMS2P28Z-0601KS-RC5□-65R105-M	40	65	105	0.035	0.01	0.018	0.018
GOOMS2P28Z-0601KS-RC7□-65R105-M				0.045	0.014	Travel Distance : ±0.05/300	
GOOMS2P28Z-0601KS-RC5□-95R135-M	70	95	135	0.035	0.01	0.018	0.018
GOOMS2P28Z-0601KS-RC7□-95R135-M				0.045	0.014	Travel Distance : ±0.05/300	
GOOMS2P28Z-0601KS-RC5□-125R165-M	100	125	165	0.035	0.01	0.02	0.018
GOOMS2P28Z-0601KS-RC7□-125R165-M				0.045	0.014	Travel Distance : ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	3.8
Current / Phase(A)	0.67
Resistor / Phase (Ω)	5.6±10%
Inductor / Phase (mH)	3.4±15%
Moment of Inertia (kg·m ²)	9x10 ⁻⁷
Holding Torque (g·cm)	600

Rotation Speed-Torque Characteristics

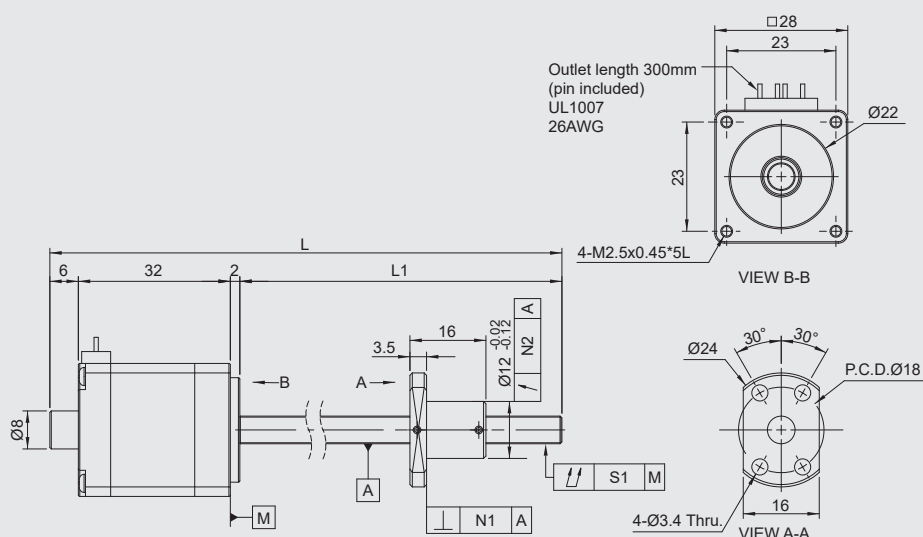


Wiring Diagram



GOOMS2P28Z-0602-F

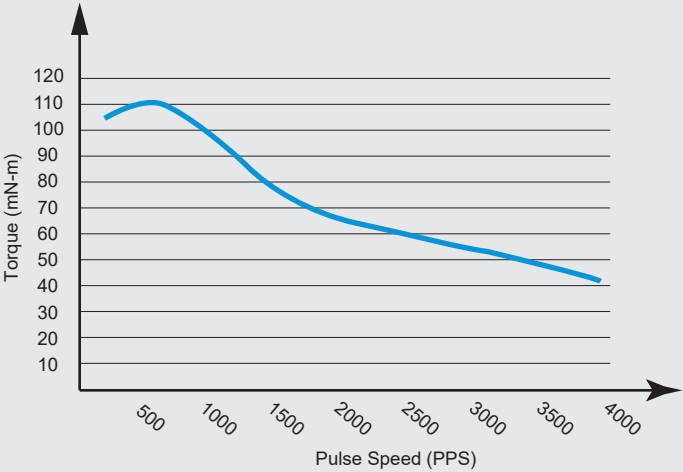
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	2			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



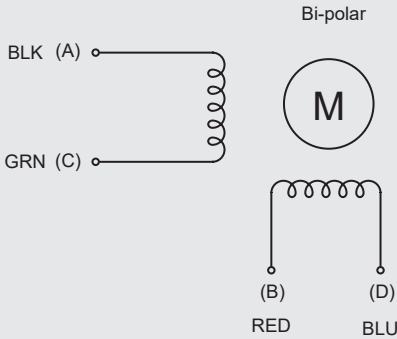
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L	S1	N1	N2	Mean Travel	Variation
GOOMS2P28Z-0602KS-RC5□-65R105-F	40	65	105	0.035	0.01	0.012	0.018	0.018
GOOMS2P28Z-0602KS-RC7□-65R105-F				0.045	0.014	0.02	Travel Distance :±0.05/300	
GOOMS2P28Z-0602KS-RC5□-95R135-F	70	95	135	0.035	0.01	0.012	0.018	0.018
GOOMS2P28Z-0602KS-RC7□-95R135-F				0.045	0.014	0.02	Travel Distance :±0.05/300	
GOOMS2P28Z-0602KS-RC5□-125R165-F	100	125	165	0.035	0.01	0.012	0.02	0.018
GOOMS2P28Z-0602KS-RC7□-125R165-F				0.045	0.014	0.02	Travel Distance :±0.05/300	

Motor	
Phase	2
Step Angle	$1.8^{\circ} \pm 5\%$ (Full step, unload)
Rated Voltage (V)	3.8
Current / Phase (A)	0.67
Resistor / Phase (Ω)	$5.6 \pm 10\%$
Inductor / Phase (mH)	$3.4 \pm 15\%$
Moment of Inertia ($\text{kg} \cdot \text{m}^2$)	9×10^{-7}
Holding Torque ($\text{g} \cdot \text{cm}$)	600

Rotation Speed-Torque Characteristics

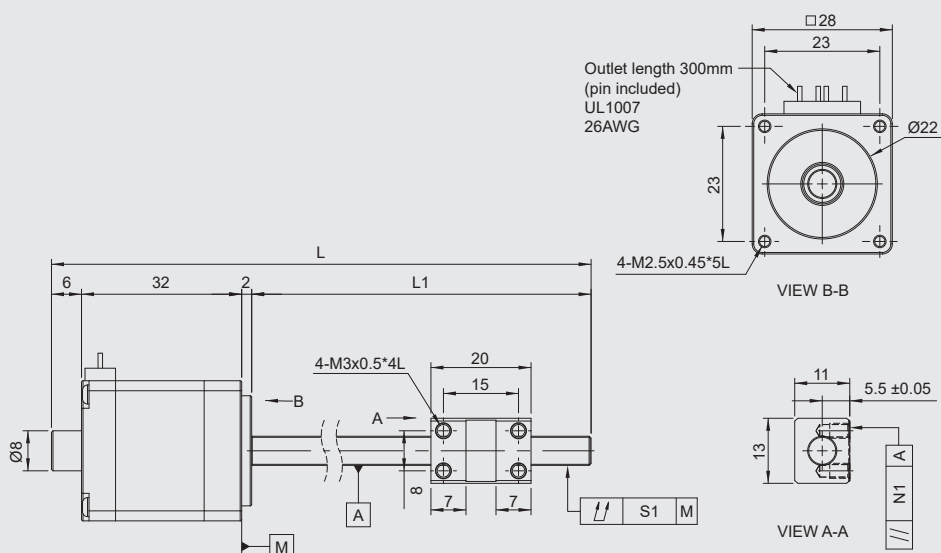


Wiring Diagram



GOOMS2P28Z-0602-H

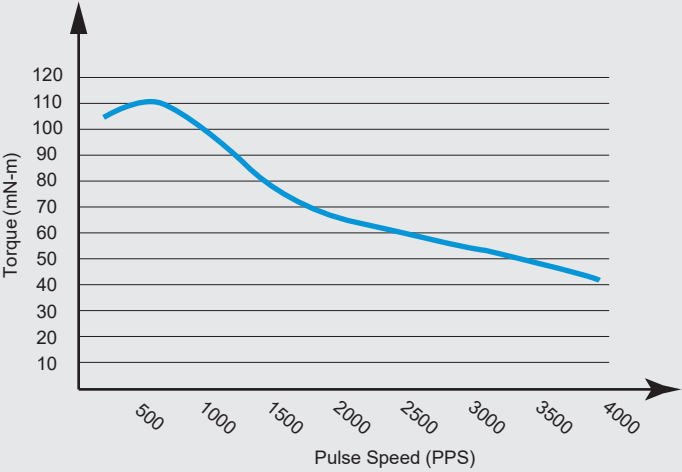
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	2			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



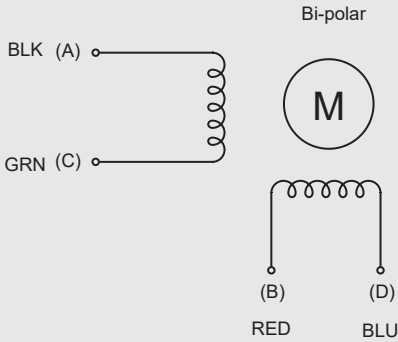
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L	S1	N1	Mean Travel	Variation
GOOMS2P28Z-0602KS-RC5□-65R105-H	40	65	105	0.035	0.01	0.018	0.018
GOOMS2P28Z-0602KS-RC7□-65R105-H				0.045	0.017	Travel Distance: ±0.05/300	
GOOMS2P28Z-0602KS-RC5□-95R135-H	70	95	135	0.035	0.01	0.018	0.018
GOOMS2P28Z-0602KS-RC7□-95R135-H				0.045	0.017	Travel Distance: ±0.05/300	
GOOMS2P28Z-0602KS-RC5□-125R165-H	100	125	165	0.035	0.01	0.02	0.018
GOOMS2P28Z-0602KS-RC7□-125R165-H				0.045	0.017	Travel Distance: ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	3.8
Current / Phase(A)	0.67
Resistor / Phase (Ω)	5.6±10%
Inductor / Phase (mH)	3.4±15%
Moment of Inertia (kg·m ²)	9x10 ⁻⁷
Holding Torque (g·cm)	600

Rotation Speed-Torque Characteristics

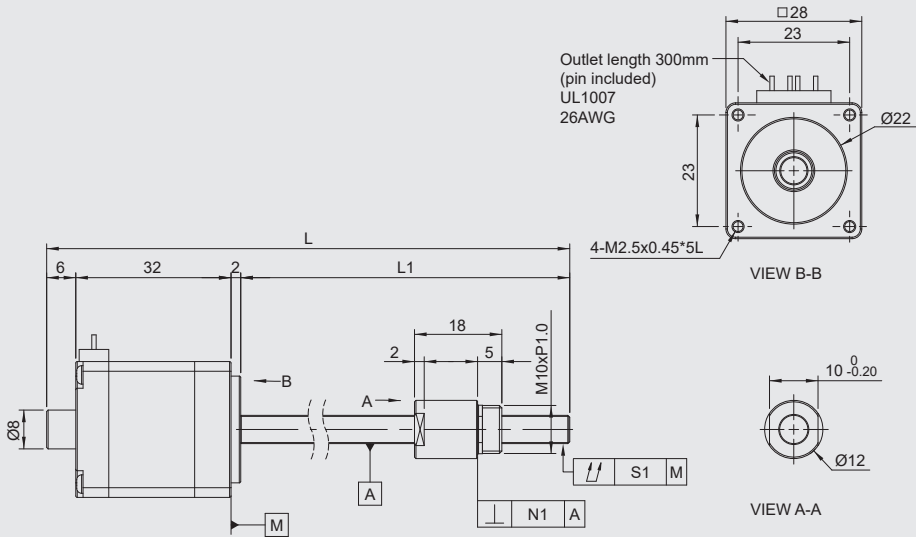


Wiring Diagram



GOOMS2P28Z-0602-M

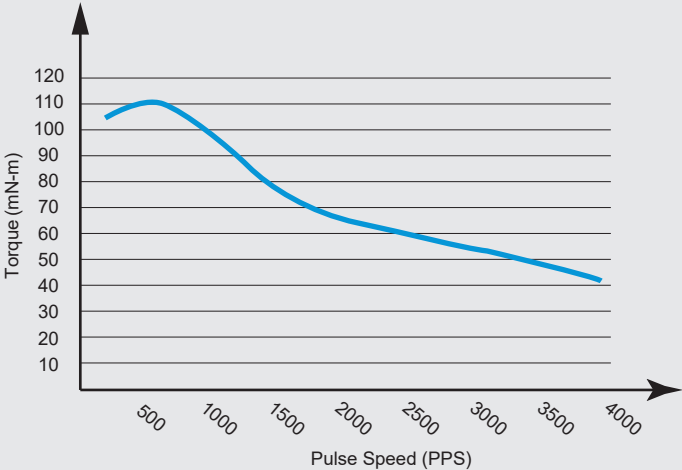
Rolled Ball Screw				
Nominal Dia(mm)	6			
Ball Dia(mm)	0.8			
Lead(mm)	2			
B.C.D(mm)	6.2			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	550			
Max. Static Load Coa(N)	930			



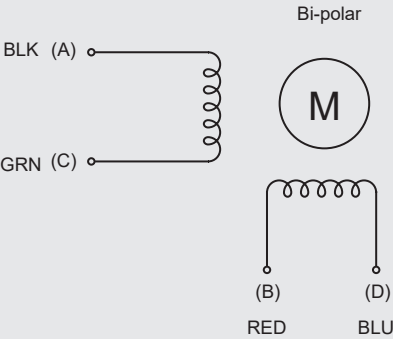
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOMS2P28Z-0602KS-RC5□-65R105-M	40	65	105	S1	N1	0.018	0.018
GOOMS2P28Z-0602KS-RC7□-65R105-M				0.035	0.01	Travel Distance: ±0.05/300	
GOOMS2P28Z-0602KS-RC5□-95R135-M	70	95	135	0.045	0.014	0.018	0.018
GOOMS2P28Z-0602KS-RC7□-95R135-M				0.035	0.01	Travel Distance: ±0.05/300	
GOOMS2P28Z-0602KS-RC5□-125R165-M	100	125	165	0.045	0.014	0.02	0.018
GOOMS2P28Z-0602KS-RC7□-125R165-M				0.035	0.01	Travel Distance: ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	3.8
Current / Phase(A)	0.67
Resistor / Phase (Ω)	5.6±10%
Inductor / Phase (mH)	3.4±15%
Moment of Inertia (kg·m ²)	9x10 ⁻⁷
Holding Torque (g·cm)	600

Rotation Speed-Torque Characteristics

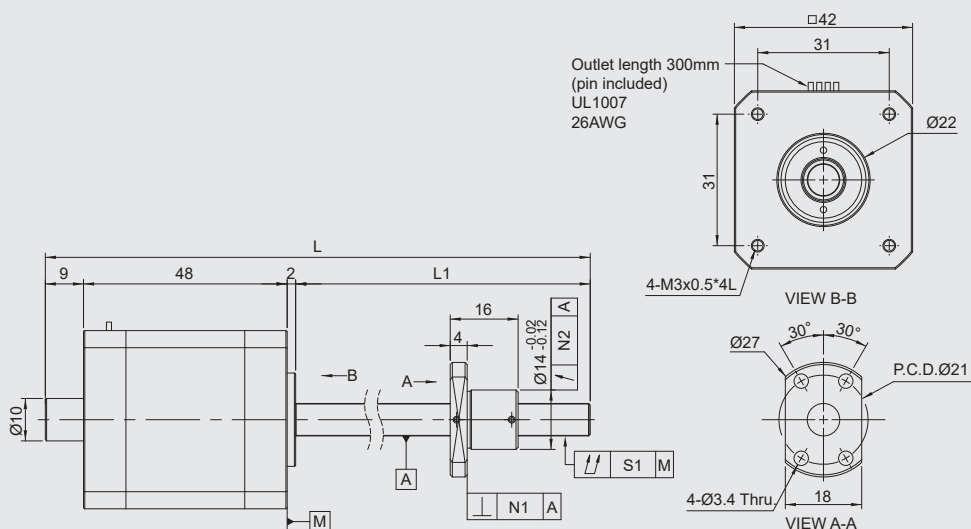


Wiring Diagram



GOOMS2P42Z-0801-F

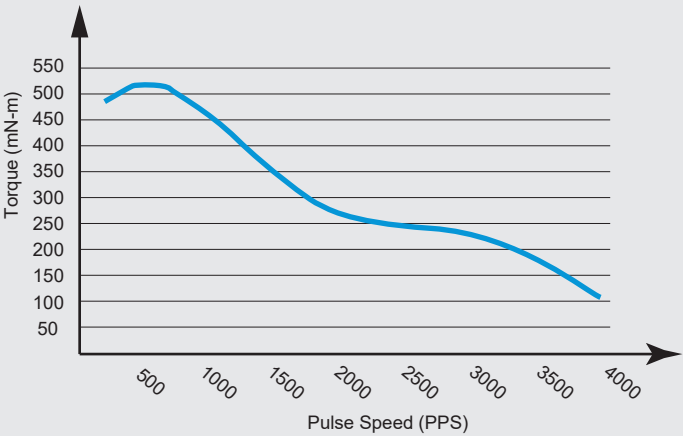
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	700			
Max. Static Load Coa(N)	1420			



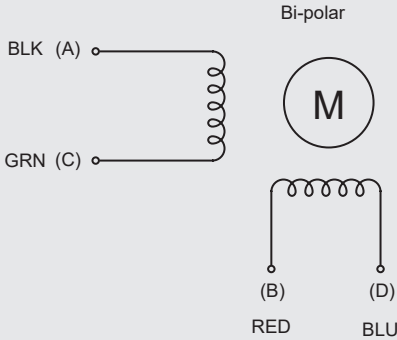
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L				S1	N1
GOOMS2P42Z-0801KS-RC5□-65R124-F	40	65	124	0.035	0.01	0.012	0.018	0.018
GOOMS2P42Z-0801KS-RC7□-65R124-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOMS2P42Z-0801KS-RC5□-95R154-F	70	95	154	0.035	0.01	0.012	0.018	0.018
GOOMS2P42Z-0801KS-RC7□-95R154-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	
GOOMS2P42Z-0801KS-RC5□-125R184-F	100	125	184	0.035	0.01	0.012	0.02	0.018
GOOMS2P42Z-0801KS-RC7□-125R184-F				0.045	0.014	0.02	Travel Distance: ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	4.4
Current / Phase(A)	0.8
Resistor / Phase (Ω)	5.5±10%
Inductor / Phase (mH)	1.5±15%
Moment of Inertia (g·m ²)	50
Holding Torque (mg·cm)	450

Rotation Speed-Torque Characteristics

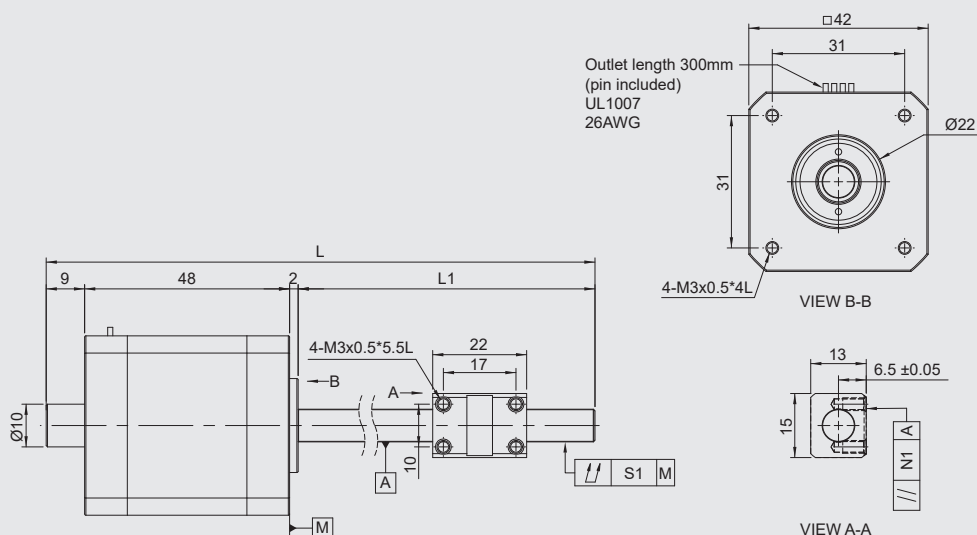


Wiring Diagram



GOOMS2P42Z-0801-H

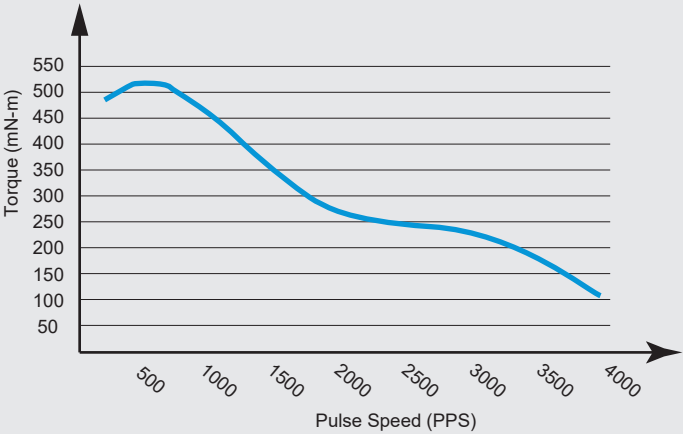
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	700			
Max. Static Load Coa(N)	1420			



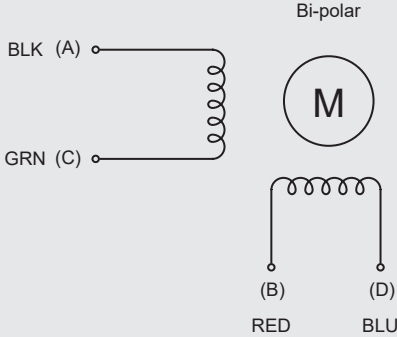
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L	S1	N1	Mean Travel	Variation
GOOMS2P42Z-0801KS-RC5□-65R124-H	40	65	124	0.035	0.01	0.018	0.018
GOOMS2P42Z-0801KS-RC7□-65R124-H				0.045	0.014	Travel Distance : ±0.05/300	
GOOMS2P42Z-0801KS-RC5□-95R154-H	70	95	154	0.035	0.01	0.018	0.018
GOOMS2P42Z-0801KS-RC7□-95R154-H				0.045	0.014	Travel Distance : ±0.05/300	
GOOMS2P42Z-0801KS-RC5□-125R184-H	100	125	184	0.035	0.01	0.02	0.018
GOOMS2P42Z-0801KS-RC7□-125R184-H				0.045	0.014	Travel Distance : ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	4.4
Current / Phase(A)	0.8
Resistor / Phase (Ω)	5.5±10%
Inductor / Phase (mH)	1.5±15%
Moment of Inertia (g·m²)	50
Holding Torque (mg·cm)	450

Rotation Speed-Torque Characteristics

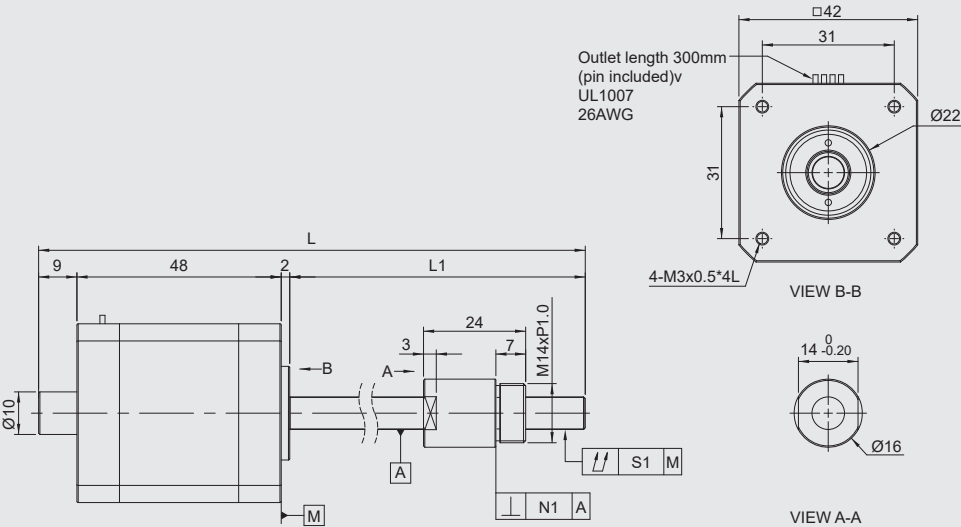


Wiring Diagram



GOOMS2P42Z-0801-M

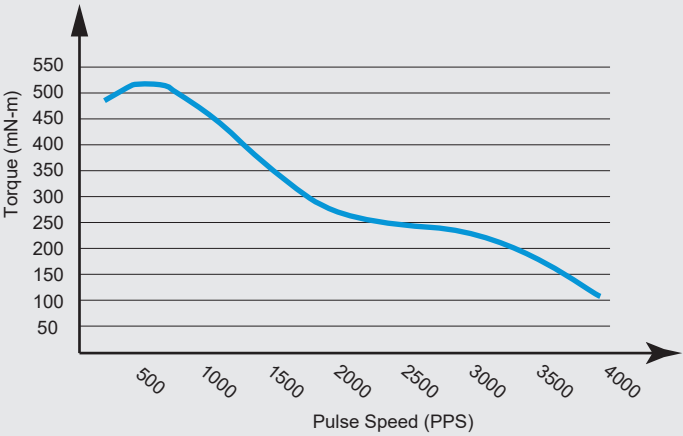
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	0.8			
Lead(mm)	1			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	700			
Max. Static Load Coa(N)	1420			



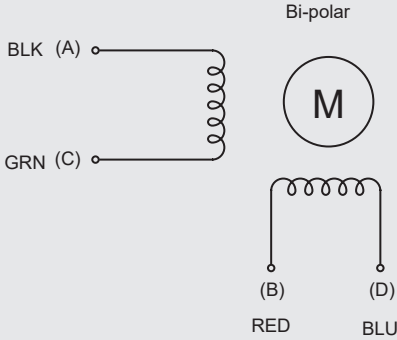
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOMS2P42Z-0801KS-RC5□-65R124-M	40	65	124	S1	N1	0.018	0.018
GOOMS2P42Z-0801KS-RC7□-65R124-M				0.035	0.014	Travel Distance : ±0.05/300	
GOOMS2P42Z-0801KS-RC5□-95R154-M	70	95	154	0.045	0.01	0.018	0.018
GOOMS2P42Z-0801KS-RC7□-95R154-M				0.035	0.014	Travel Distance : ±0.05/300	
GOOMS2P42Z-0801KS-RC5□-125R184-M	100	125	184	0.045	0.01	0.02	0.018
GOOMS2P42Z-0801KS-RC7□-125R184-M				0.035	0.014	Travel Distance : ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	4.4
Current / Phase(A)	0.8
Resistor / Phase (Ω)	5.5±10%
Inductor / Phase (mH)	1.5±15%
Moment of Inertia (g·m²)	50
Holding Torque (mg·cm)	450

Rotation Speed-Torque Characteristics

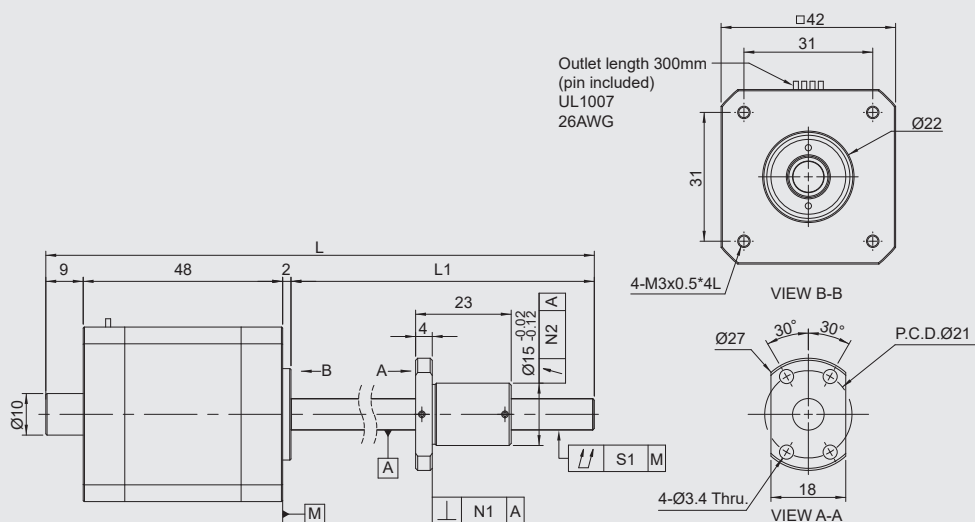


Wiring Diagram



GOOMS2P42Z-0802-F

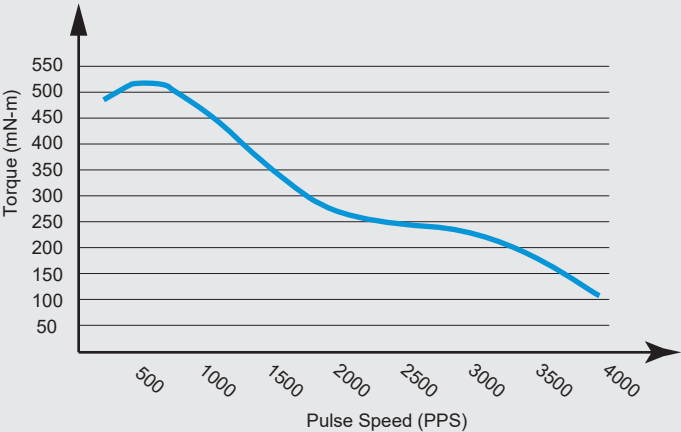
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	1.2			
Lead(mm)	2			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1700			
Max. Static Load Coa(N)	3200			



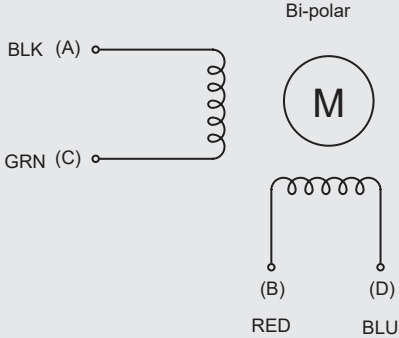
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Flanged Nut Verticality	Nut Deviation Tolerance	Lead Accuracy	
		L1	L	S1	N1	N2	Mean Travel	Variation
GOOMS2P42Z-0802KS-RC5□-65R124-F	40	65	124	0.035	0.01	0.012	0.018	0.018
GOOMS2P42Z-0802KS-RC7□-65R124-F				0.045	0.014	0.02	Travel Distance : ±0.05/300	
GOOMS2P42Z-0802KS-RC5□-95R154-F	70	95	154	0.035	0.01	0.012	0.018	0.018
GOOMS2P42Z-0802KS-RC7□-95R154-F				0.045	0.014	0.02	Travel Distance : ±0.05/300	
GOOMS2P42Z-0802KS-RC5□-125R184-F	100	125	184	0.035	0.01	0.012	0.02	0.018
GOOMS2P42Z-0802KS-RC7□-125R184-F				0.045	0.014	0.02	Travel Distance : ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	4.4
Current / Phase(A)	0.8
Resistor / Phase (Ω)	5.5±10%
Inductor / Phase (mH)	1.5±15%
Moment of Inertia (g·m²)	50
Holding Torque (mg·cm)	450

Rotation Speed-Torque Characteristics

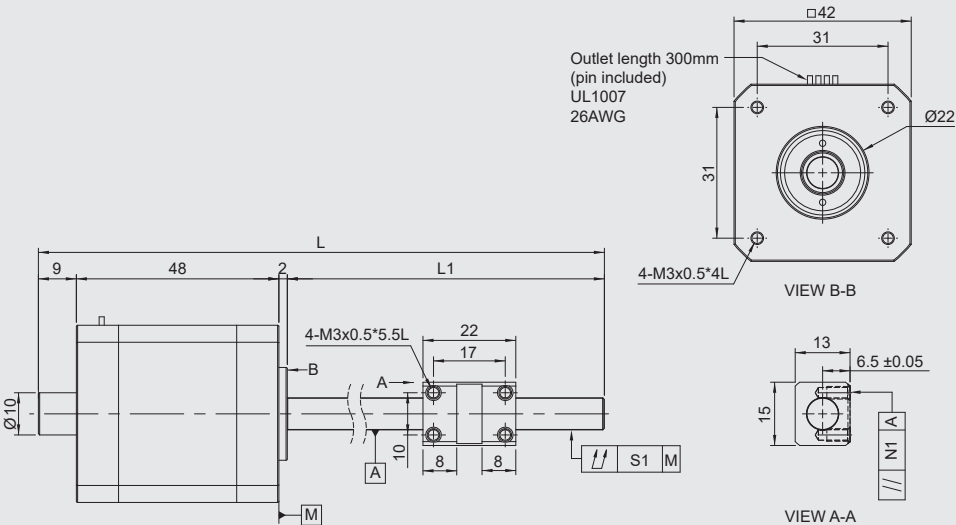


Wiring Diagram



GOOMS2P42Z-0802-H

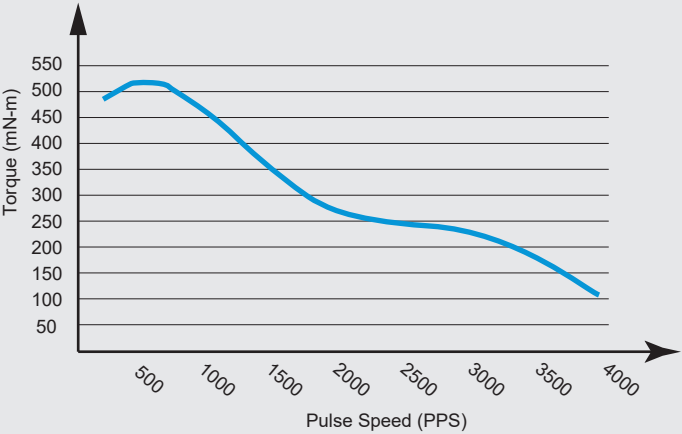
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	1.2			
Lead(mm)	2			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1700			
Max. Static Load Coa(N)	3200			



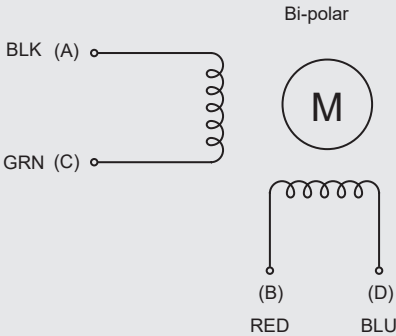
Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Parallelism Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOMS2P42Z-0802KS-RC5□-65R124-H	40	65	124	0.035	0.01	0.018	0.018
GOOMS2P42Z-0802KS-RC7□-65R124-H				0.045	0.014	Travel Distance: ±0.05/300	
GOOMS2P42Z-0802KS-RC5□-95R154-H	70	95	154	0.035	0.01	0.018	0.018
GOOMS2P42Z-0802KS-RC7□-95R154-H				0.045	0.014	Travel Distance: ±0.05/300	
GOOMS2P42Z-0802KS-RC5□-125R184-H	100	125	184	0.035	0.01	0.02	0.018
GOOMS2P42Z-0802KS-RC7□-125R184-H				0.045	0.014	Travel Distance: ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	4.4
Current / Phase(A)	0.8
Resistor / Phase (Ω)	5.5±10%
Inductor / Phase (mH)	1.5±15%
Moment of Inertia (g·m²)	50
Holding Torque (mg·cm)	450

Rotation Speed-Torque Characteristics



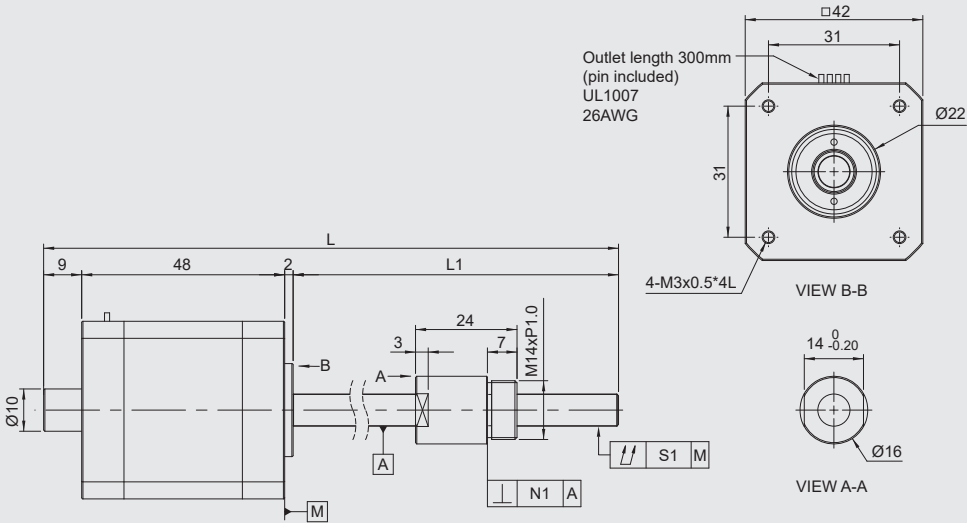
Wiring Diagram



GOOMS2P28Z Series

GOOMS2P42Z-0802-M

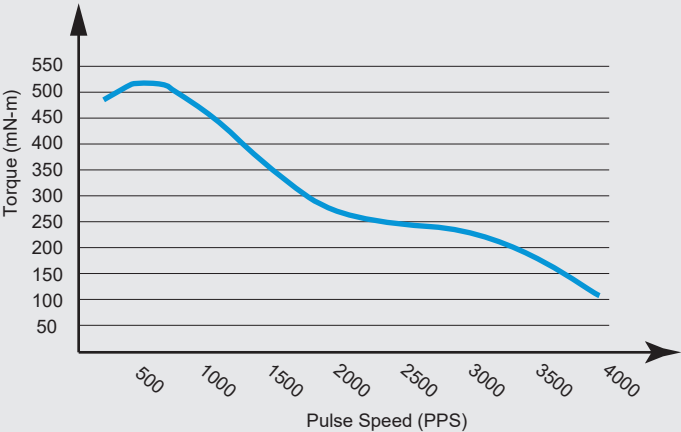
Rolled Ball Screw				
Nominal Dia(mm)	8			
Ball Dia(mm)	1.2			
Lead(mm)	2			
B.C.D(mm)	8.3			
Thread Direction	Right Hand			
Circuits	1 Return x 3 Circuits			
Accuracy	C5X	C5Y	C7Y	C7Z
Axial Backlash	0	< 0.005	< 0.005	< 0.01
Dynamic Load Ca(N)	1700			
Max. Static Load Coa(N)	3200			



Specification	Stroke	Shaft Length		Cumulative Deviation Tolerance	Nut Verticality Tolerance	Lead Accuracy	
		L1	L			Mean Travel	Variation
GOOMS2P42Z-0802KS-RC5□-65R124-M	40	65	124	0.035	0.01	0.018	0.018
GOOMS2P42Z-0802KS-RC7□-65R124-M				0.045	0.014	Travel Distance: ±0.05/300	
GOOMS2P42Z-0802KS-RC5□-95R154-M	70	95	154	0.035	0.01	0.018	0.018
GOOMS2P42Z-0802KS-RC7□-95R154-M				0.045	0.014	Travel Distance: ±0.05/300	
GOOMS2P42Z-0802KS-RC5□-125R184-M	100	125	184	0.035	0.01	0.02	0.018
GOOMS2P42Z-0802KS-RC7□-125R184-M				0.045	0.014	Travel Distance: ±0.05/300	

Motor	
Phase	2
Step Angle	1.8°±5%(Full step, unload)
Rated Voltage (V)	4.4
Current / Phase(A)	0.8
Resistor / Phase (Ω)	5.5±10%
Inductor / Phase (mH)	1.5±15%
Moment of Inertia (g·m²)	50
Holding Torque (mg·cm)	450

Rotation Speed-Torque Characteristics



Wiring Diagram

