SPUR GEARHEAD

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GS40._ _ _ _

General data

Bearing on output shaft	sleeve	ball	
(standard sleeve bearings)			
Maximum radial load	80	150	N
8 mm from mounting plane			
Maximum axial load	80	150	N
Maximum press on force	200	200	N
Radial play	<0.05	<0.01	mm
Axial play	0.05-0.25	<0.01	mm
Maximum static torque	8	8	Nm
Max. recom. input speed	4000	4000	rpm
Backlash at no load	1	1	°
Backlash at 0.3 Nm	1.5	1.5	°
Temperature range	-30/+65	-30/+65	°C

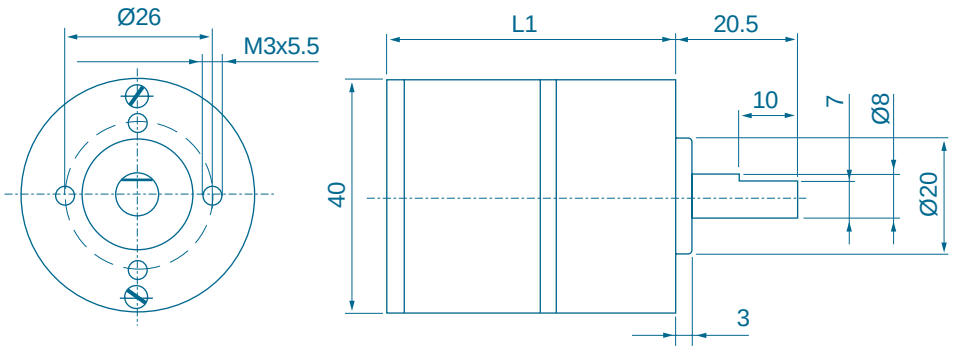
Product combinations

2-40/07
2-40/12

Options

Ball bearings
Custom shafts

Gearhead Order No	Ratio	Number of stages	Efficiency [%]	Maximum torque continuous [Nm]	Maximum torque intermittent [Nm]	Direction of rotation w.r.t. motor	Weight [g]	L1 [mm]
GS40.0005	5:1	2	85	0.8	1 5	=	120	40
GS40.0010	10:1	3	78	1.0	2.0	≠	125	40
GS40.0015	15:1	3	78	1.0	2.0	≠	125	40
GS40.0020	20:1	4	72	1.5	2.0	=	145	50
GS40.0030	30:1	4	72	1.5	3.0	=	145	50
GS40.0045	45:1	4	72	1.5	3.0	=	145	50
GS40.0060	60:1	5	68	2.0	4.0	≠	150	50
GS40.0090	90:1	5	68	2.0	4.0	≠	150	50
GS40.0135	135:1	5	68	2.0	5.0	≠	150	50
GS40.0180	180:1	6	66	3.0	5.0	=	155	50
GS40.0270	270:1	6	66	3.0	6.0	=	155	50
GS40.0405	405:1	6	66	4.0	7.0	=	155	50



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