

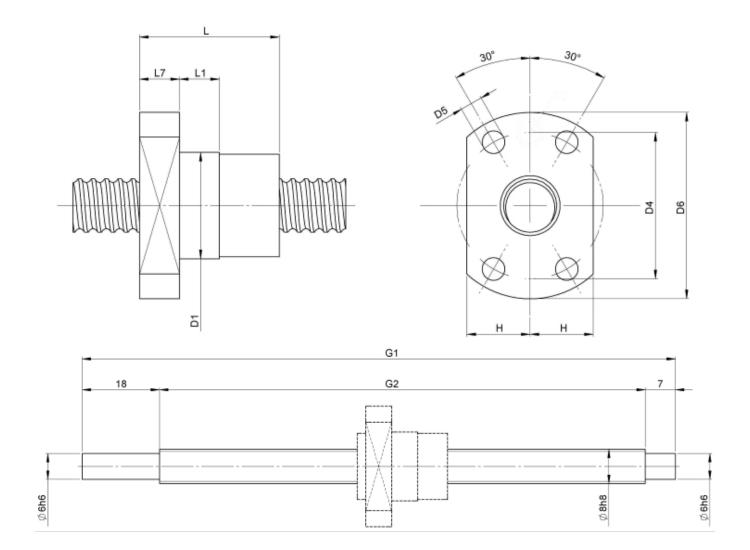
1412/0,5.8.145.170

DESCRIPTION

- Nut Series 1412 with internal ball return, Flange single nut with 4-pointcontact with standard synthetic wipers on both ends
- Nut shape design for assembly by flange
- Single start ball thread, ground execution according to accuracy class
 P1 - P5
- Miniature ball screws also available with axial play



TECHNICAL DATA AND DIMENSIONS



Series			1412	No. of starts			1
Nominal diameter	[mm]	dN	8	Friction torque FROM	[Ncm]		2,0
Lead	[mm]	Р	0,5	Friction torque TO	[Ncm]		2,0
Shaft style			А	Accuracy			Р
Nominal stroke	[mm]		100	Preload/backlash free/with	1		backlash free
Overall length	[mm]	G1	170	Nut length	[mm]	L	22
Thread length	[mm]	G2	145	Dynamic load capacity	[kN]	Ca	0,40
Ball circles		i	1x3	Static load capacity	[kN]	C0a	0,50
Ball diameter	[mm]	dW	0,6	Pilot diameter	[mm]	D1	16
DN-value			120000				

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Drive Technology, Ball Screws, Precision Ball Screws, Miniature Ball Screws, Ultra Thrust Ball Screws, Rotating Nuts, Cooled Ball Screws, Precision Lead Screws, Differential Rolled Screws, Rolled Ball Screws