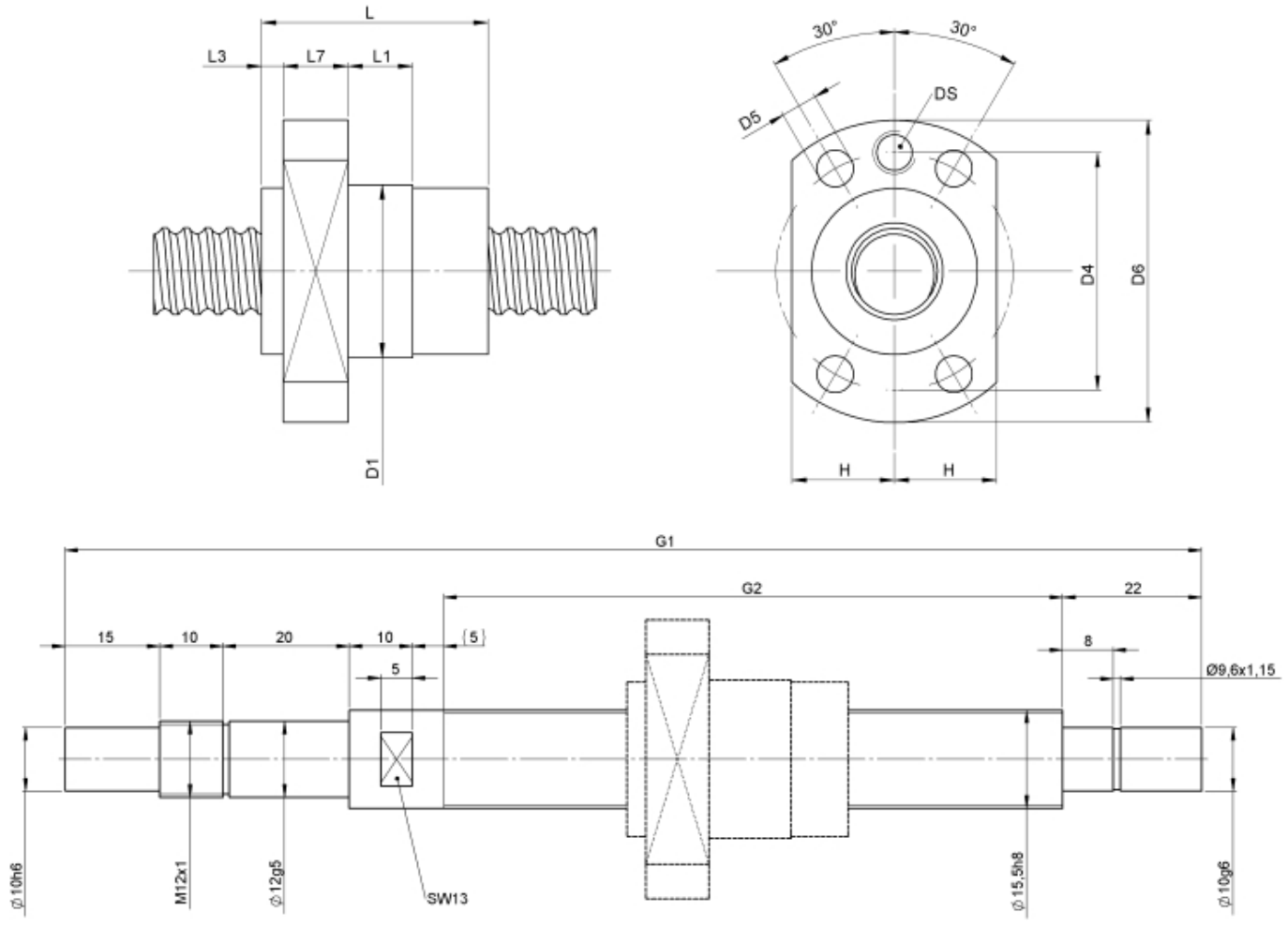
2422/10.16.189.271

DESCRIPTION

- Nut Series 2422 with end cap ball return, Flange single nut with 4-point-contact, with standard synthetic wipers on both ends
- Nut shape design for assembly by flange
- Multiple start ball thread, ground execution according to accuracy class P1 - P5
- Miniature ball screws also available with axial play



TECHNICAL DATA AND DIMENSIONS


L
L3
L7
L1
D1
30°
30°
DS
D5
D4
D6
H
H
G1
G2
22
15
10
20
10
5
5
8
Ø9,6x1,15
Ø10h6
M12x1
Ø12g5
SW13
Ø15,5h8
Ø10g6

Series			2422	Pilot Length	[mm]	L1	13
Nominal diameter	[mm]	dN	16	Accuracy			P
Lead	[mm]	P	10	Preload/backlash free/with backlash			with backlash
Shaft style			B	Nut length	[mm]	L	64
Nominal stroke	[mm]		100	Wiper extension	[mm]	L3	12
Overall length	[mm]	G1	271	Flange thickness	[mm]	L7	10
Thread length	[mm]	G2	189	Dynamic load capacity	[kN]	Ca	31,40
Ball circles		i	5+5	Static load capacity	[kN]	C0a	47,30
Ball diameter	[mm]	dW	3,5	Pilot diameter	[mm]	D1	32
DN-value			160000	Pilot diameter tolerance	[mm]		g6
No. of starts			2	Bolt circle diameter	[mm]	D4	42
Friction torque FROM	[Ncm]		1,4	Flange diameter	[mm]	D6	52
Friction torque TO	[Ncm]		1,4	Flange flat dimension	[mm]	H	20

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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