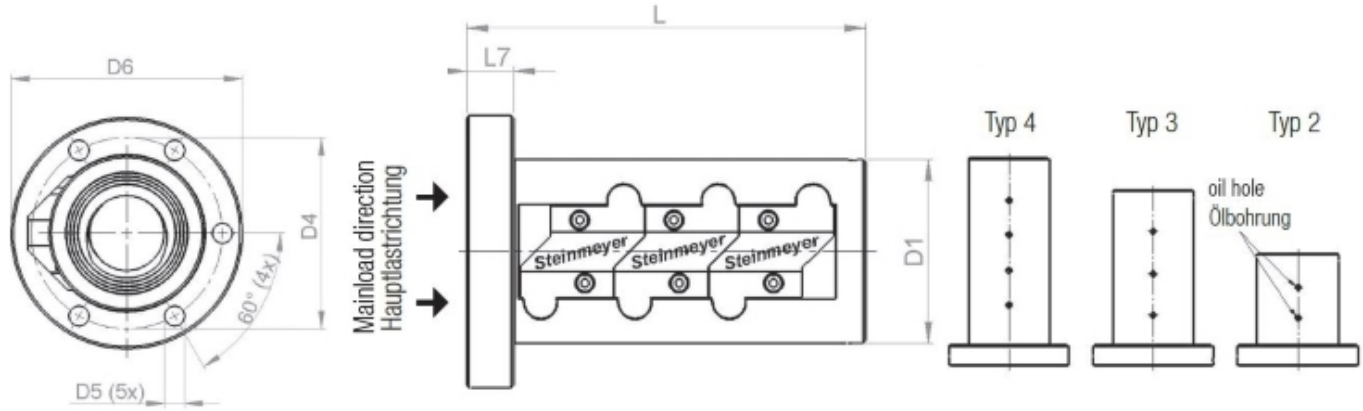
9414/12.50A.9.9

DESCRIPTION

- Nut Series 9414 with Z-ball return, Flange single nut, 3 ball circles per deflector
- Available with or without wipers
- Nut shape design for transmission of high loads
- Single start ball thread, ground execution according to accuracy class P1-P5
- For appropriate nut design we need direction of main load. In case of tensile load, please check tensile strength of mounting screws.



TECHNICAL DATA AND DIMENSIONS


D6
D4
60° (4x)
D5 (5x)
L
L7
Mainload direction
Hauptlastrichtung
Steinmeyer
Steinmeyer
Steinmeyer
D1
Typ 4
Typ 3
Typ 2
oil hole
Ölbohrung

Series			9414	Flange thickness	[mm]	L7	18
Nominal diameter	[mm]	dN	50	Max. axial load	[kN]	Fmax	126,3
Lead	[mm]	P	12	Dynamic load capacity	[kN]	Ca	252,50
Ball circles		i	3x3	Static load capacity	[kN]	C0a	545,20
Ball diameter	[mm]	dW	9	Pilot diameter	[mm]	D1	80
DN-value			160000	Bolt circle diameter	[mm]	D4	96
No. of starts			1	Flange hole diameter		D5	9
Maximum play	[mm]		0,02	Flange diameter	[mm]	D6	114
Nut length	[mm]	L	152				

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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