

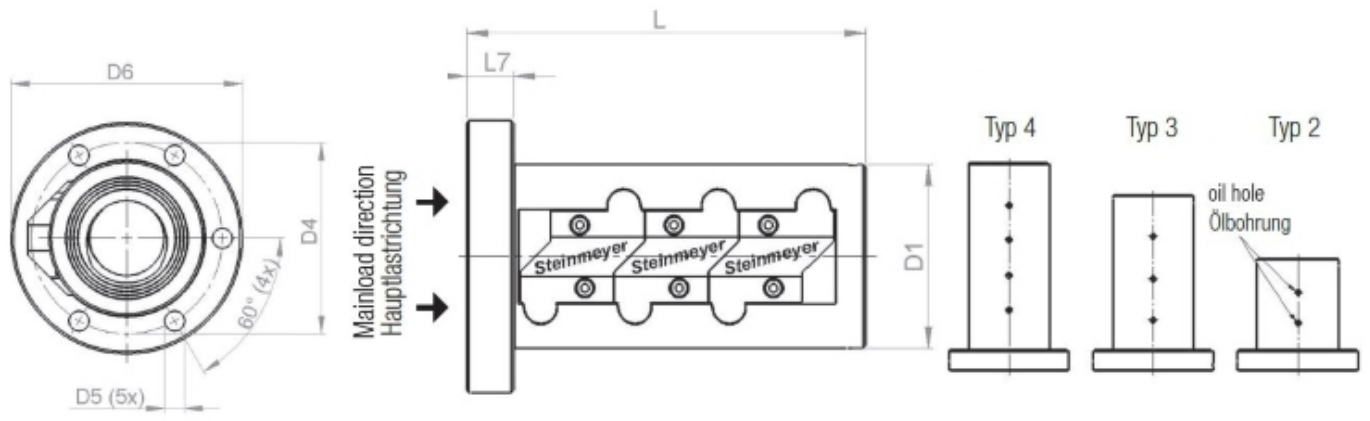
9414/20.80A.15.12

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



Series		9414		Flange thickness	[mm]	L7	32
Nominal diameter	[mm]	dN	80	Max. axial load	[kN]	Fmax	412,8
Lead	[mm]	P	20	Dynamic load capacity	[kN]	Ca	825,60
Ball circles		i	4x3	Static load capacity	[kN]	C0a	2042,30
Ball diameter	[mm]	dW	15	Pilot diameter	[mm]	D1	134
DN-value			120000	Bolt circle diameter	[mm]	D4	154
No. of starts			1	Flange hole diameter		D5	11
Maximum play	[mm]		0,02	Flange diameter	[mm]	D6	174
Nut length	[mm]	L	310				

August Steinmeyer GmbH & Co. KG | info@steinmeyer.com

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