

# 1214/3.12.210.280

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## DESCRIPTION

- Nut Series 1214 with [internal ball return](#)
- Cylindrical nut with 4-point-contact, without wipers
- Nut shape design for assembling in a housing
- Single start ball thread, ground execution according to accuracy class P1 - P5
- Miniature ball screws also available with axial play



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## TECHNICAL DATA AND DIMENSIONS



Series			1214	No. of starts			1
Nominal diameter	[mm]	dN	12	Friction torque FROM	[Ncm]		1,0
Lead	[mm]	P	3	Friction torque TO	[Ncm]		1,0
Shaft style			B	Accuracy			P
Nominal stroke	[mm]		150	Preload/backlash free/with backlash			with backlash
Overall length	[mm]	G1	280	Nut length	[mm]	L	26
Thread length	[mm]	G2	210	Dynamic load capacity	[kN]	Ca	3,60
Ball circles		i	1x3	Static load capacity	[kN]	C0a	4,30
Ball diameter	[mm]	dW	2	Pilot diameter	[mm]	D1	19
DN-value			120000				

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