

1516/20.80.11.4E

DESCRIPTION

- **ETA+ Nut Series** with **internal ball return**
- Flange nut, with standard wipers on both ends
- Nut shape according to DIN for assembly by flange
- Single start ball thread, ground execution according to accuracy class P1 - P5



TECHNICAL DATA AND DIMENSIONS

Series			1516	Flange thickness	[mm]	L7	25
Nominal diameter	[mm]	dN	80	Dynamic load capacity	[kN]	Ca	221,50
Lead	[mm]	P	20	Static load capacity	[kN]	C0a	411,50
Ball circles		i	2x4	Ball diameter	[mm]	dW	11
Additional wiper extensions for combination wipers	[mm]	LA	12	DN-value			120000
Pilot Length	[mm]	L1	25	No. of starts			1
Pilot diameter	[mm]	D1	125	Stiffness	[N/μm]	Rnu,ar	2000
Pilot diameter tolerance	[mm]		g6	Friction torque FROM	[Ncm]		265,8
Bolt circle diameter	[mm]	D4	145	Friction torque TO	[Ncm]		443,0
Flange hole diameter		D5	13,5	Max. preload	[kN]		22,15
Lube hole	[mm]	DS	M8x1	Accuracy			P
Flange diameter	[mm]	D6	165	Nut length	[mm]	L	284
Flange flat dimension	[mm]	H	65	Wiper extension	[mm]	L3	7

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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