

1516/20.80.11.4

DESCRIPTION

- Nut Series 1516 with [internal ball return](#), Flange double nut with 2-point-contact, with standard synthetic 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	Wiper extension	[mm]	L3	7
Nominal diameter	[mm]	dN	80	Flange thickness	[mm]	L7	25
Lead	[mm]	P	20	Dynamic load capacity	[kN]	Ca	171,90
Ball circles		i	2x4	Static load capacity	[kN]	C0a	377,90
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	1900	Pilot diameter tolerance	[mm]		g6
Friction torque FROM	[Ncm]		412,6	Bolt circle diameter	[mm]	D4	145
Friction torque TO	[Ncm]		687,6	Flange hole diameter		D5	13,5
Max. preload	[kN]		17,19	Lube hole	[mm]	DS	M8x1
Accuracy			P	Flange diameter	[mm]	D6	165
Nut length	[mm]	L	284	Flange flat dimension	[mm]	H	65

August Steinmeyer GmbH & Co. KG | Riedstraße 7 | 72458 Albstadt | Phone +49 (0) 7431 1288-0 | Fax +49 (0) 7431 1288-89 | 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