

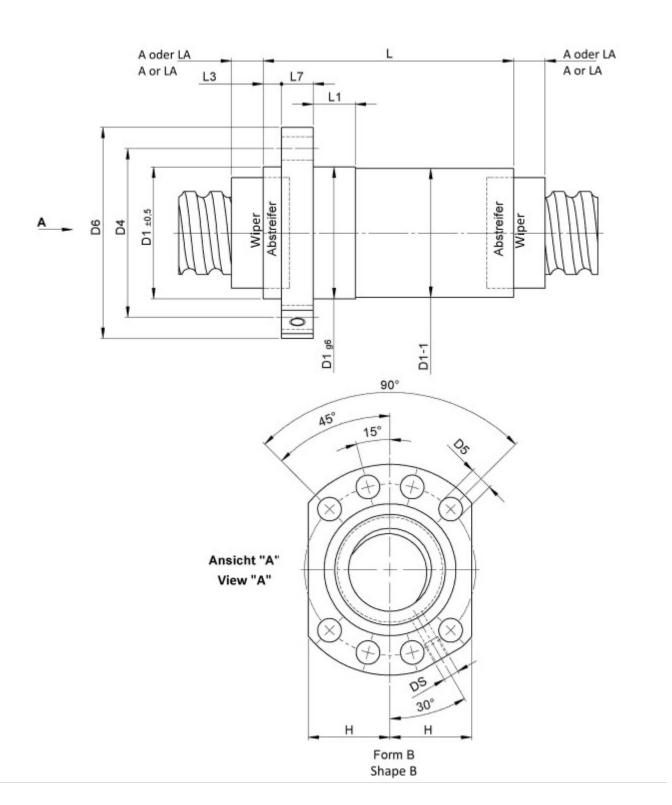
## 1516/10.40.7,5.3

## **DESCRIPTION**

- Nut Series 1516 with internal ball return, Flange double nut with 2-pointcontact, 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	Flange thickness	[mm]	L7	14
Nominal diameter	[mm]	dN	40	Dynamic load capacity	[kN]	Ca	46,10
Lead	[mm]	Р	10	Static load capacity	[kN]	C0a	71,30
Ball circles		i	2x3	Ball diameter	[mm]	dW	7,5
Additional wiper extensions	[mm]	LA	12	DN-value			120000
for combination wipers							
Pilot Length	[mm]	L1	16	No. of starts			1
Pilot diameter	[mm]	D1	63	Stiffness	[N/µm]	Rnu,ar	630
Pilot diameter tolerance	[mm]		g6	Friction torque FROM	[Ncm]		47,9
Bolt circle diameter	[mm]	D4	78	Friction torque TO	[Ncm]		99,6
Flange hole diameter		D5	9	Max. preload	[kN]		4,61
Lube hole	[mm]	DS	M8x1	Accuracy			Р
Flange diameter	[mm]	D6	93	Nut length	[mm]	L	147
Flange flat dimension	[mm]	Н	35	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