

# 1416/10.63.7,5.3

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## DESCRIPTION

- Nut Series 1416 with [internal ball return](#), Flange single nut with 4-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



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## TECHNICAL DATA AND DIMENSIONS



Series			1416	Flange thickness	[mm]	L7	18
Nominal diameter	[mm]	dN	63	Dynamic load capacity	[kN]	Ca	59,20
Lead	[mm]	P	10	Static load capacity	[kN]	C0a	120,70
Ball circles		i	1x3	Ball diameter	[mm]	dW	7,5
Additional wiper extensions for combination wipers	[mm]	LA	12	DN-value			120000
Pilot Length	[mm]	L1	16	No. of starts			1
Pilot diameter	[mm]	D1	90	Stiffness	[N/μm]	Rnu,ar	630
Pilot diameter tolerance	[mm]		g6	Friction torque FROM	[Ncm]		83,5
Bolt circle diameter	[mm]	D4	108	Friction torque TO	[Ncm]		155,1
Flange hole diameter		D5	11	Max. preload	[kN]		4,736
Lube hole	[mm]	DS	M8x1	Accuracy			P
Flange diameter	[mm]	D6	125	Nut length	[mm]	L	91
Flange flat dimension	[mm]	H	47,5	Wiper extension	[mm]	L3	7

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