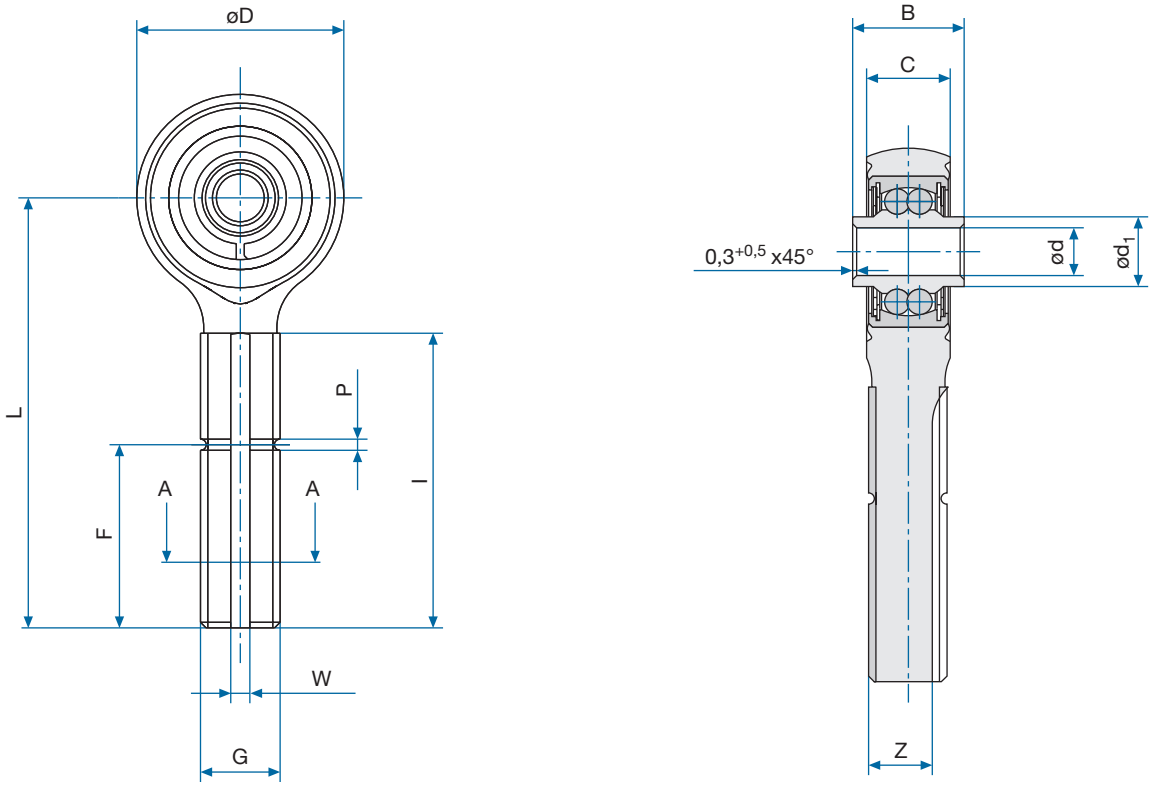
Rod End > Ball Bearings
Product Overview

Table of Contents

Page

Schematic Drawing



SECTION A-A

Code K

Code M

Specifications

Type	d	Δ dmp	D	Δ Dmp	B	Δ Bmp	C	Δ Cmp	G	Tol.	I	Tol.	L	Tol.
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]		[mm]	[mm]	[mm]	[mm]
EN4035 05P	**5,0**	-0,008	**23,0**	+0,20	**12,0**	-0,12	**8,5**	+0,10	**MJ8x1**	4h6h	**33,0**	+0,50	**48,0**	±0,50
EN4035 06P	**6,0**	-0,008	**26,0**	+0,20	**14,0**	-0,12	**10,5**	+0,10	**MJ10x1,25**	4h6h	**37,0**	+0,50	**54,0**	±0,50
EN4035 08P	**8,0**	-0,008	**32,0**	+0,20	**15,0**	-0,12	**10,5**	+0,10	**MJ12x1,25**	4h6h	**42,0**	+0,50	**62,0**	±0,50
EN4035 10P	**10,0**	-0,008	**38,0**	+0,20	**20,0**	-0,12	**14,0**	+0,10	**MJ14x1,5**	4h6h	**48,0**	+0,50	**73,0**	±0,50

Type	d_1	F	Tol.	P	W	Tol.	Z	Tol.	Starting	Torque	Static Radial Limit Load	Static Axial Limit Load	Weight
									sealed	shielded			
	[mm]	[mm]	[mm]	[mm]	[Nm]	[Nm]	[mm]	[mm]	[Nmm]	[Nmm]	[kN]	[kN]	[g]
EN4035 05P	**7,6**	**18,0**	+0,40	**1,4**	**1,6**	+0,10	**6,6**	-0,10	**9,8**	**6,5**	**3,7**	**1,16**	**21**
EN4035 06P	**8,6**	**23,0**	+0,40	**1,4**	**2,4**	+0,10	**8,0**	-0,10	**10,5**	**6,9**	**5,7**	**1,78**	**32**
EN4035 08P	**11,1**	**27,0**	+0,40	**2,0**	**2,4**	+0,10	**10,2**	-0,10	**24,0**	**15,9**	**9,1**	**2,84**	**49**
EN4035 10P	**13,6**	**31,0**	+0,40	**2,0**	**3,2**	+0,10	**12,2**	-0,10	**28,5**	**18,8**	**14,1**	**4,41**	**99**

EN4035

- > Male Thread
- > Double Row
- > Self Aligning
- > CRES / Titanium

Designation

EN4035 L 06 P K A T

Surface Treatment
- No Code: Non
- T: Inner + Outer Ring Passivated

Grease Type
- A: NATO G 354 / MIL-PRF-23 827
- B: NATO G 395 / MIL-PRF-81 322

Longitudinal Groove
- N: Without Groove
- M: See Schematic Drawing
- K: See Schematic Drawing

Protection
- E: Sealed
- P: Shielded

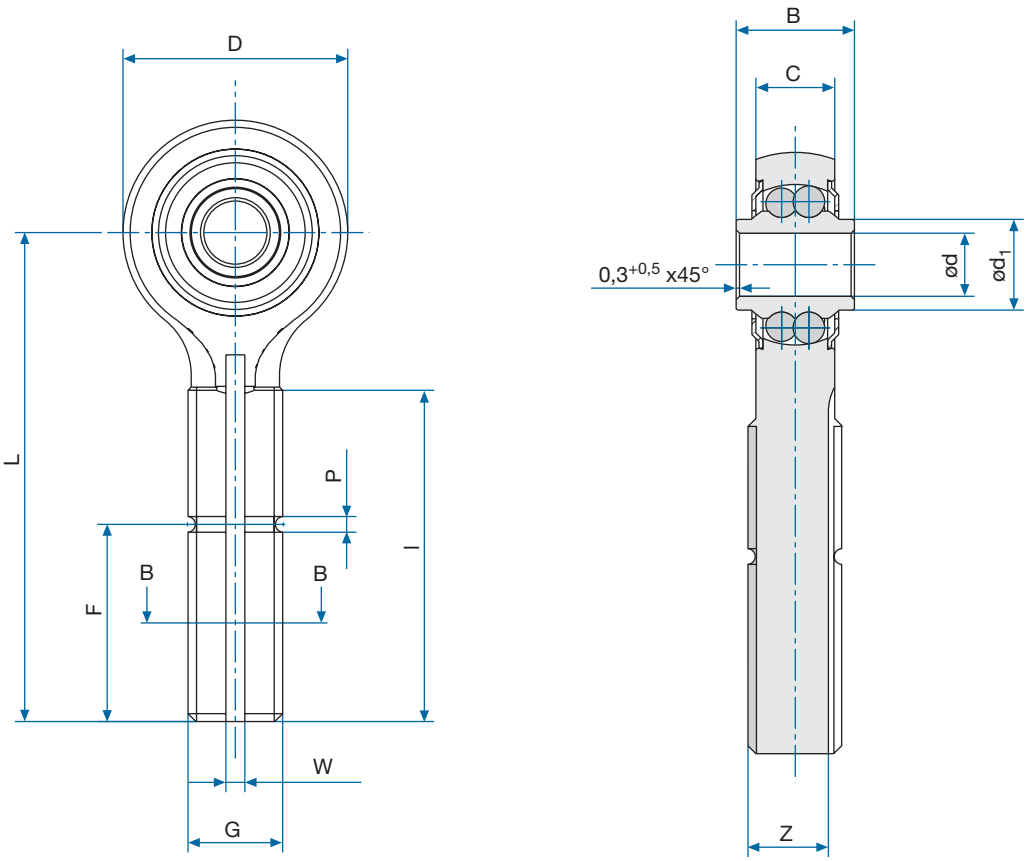
Diameter Code

Thread
- L: Left Hand
- R: Right Hand

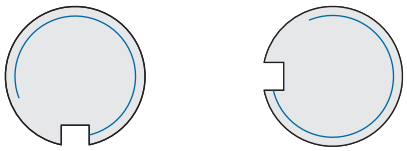
Number of Series

Materials
- Rod End: EN3353 / 3.7164.7 / Ti6Al4V
- Rings + Balls: EN2030 / 1.3544.9 / AISI 440 C
- Technical Specification: per EN2067

Schematic Drawing



SECTION B-B



Code K

Code M

Specifications

Diameter Code	d	Δ dmp	D	Δ Dmp	B	Δ Bmp	C	Δ Cmp	G	Tol.	I	Tol.	L	Tol.
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]		[mm]	[mm]	[mm]	[mm]
05	5,0	-0,008	20,5	+0,20	12,0	-0,12	8,5	+0,10	MJ8x1	4h 6h	33,0	+0,50	48,0	±0,50
06	6,0	-0,008	22,5	+0,20	14,0	-0,12	10,0	+0,10	MJ10x1,25	4h 6h	37,0	+0,50	54,0	±0,50
08	8,0	-0,008	28,5	+0,20	15,0	-0,12	10,0	+0,10	MJ12x1,25	4h 6h	42,0	+0,50	62,0	±0,50
10	10,0	-0,008	32,0	+0,20	20,0	-0,12	14,0	+0,10	MJ14x1,5	4h 6h	48,0	+0,50	73,0	±0,50

Diameter Code	d_1	F	Tol.	P	W	Tol.	Z	Tol.	Starting sealed	Torque shielded	Static Radial Limit Load	Static Axial Limit Load	Weight
	[mm]	[mm]	[mm]	[mm]	[Nm]	[Nm]	[mm]	[mm]	[Nmm]	[Nmm]	[kN]	[kN]	[g]
05	7,6	18,0	+0,40	1,4	1,6	+0,10	6,6	-0,10	6,5	4,3	4,70	1,47	35
06	8,6	23,0	+0,40	1,4	2,4	+0,10	8,0	-0,10	7,0	4,6	6,75	2,11	60
08	11,1	27,0	+0,40	2,0	2,4	+0,10	10,2	-0,10	16,0	10,6	8,90	2,78	85
10	13,6	31,0	+0,40	2,0	3,2	+0,10	12,2	-0,10	19,0	12,5	14,0	4,38	130

Designation

EN4036 R 06 E K A T

Surface Treatment
- No Code: Rod End Passivated
- T: Inner Ring + Rod End Passivated

Grease Type
- A: NATO G 354 / MIL-PRF-23 827
- B: NATO G 395 / MIL-PRF-81 322

Longitudinal Groove
- N: Without Groove
- M: See Schematic Drawing
- K: See Schematic Drawing

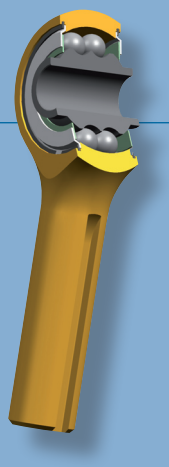
Protection
- E: Sealed
- P: Shielded

Diameter Code

Thread
- R: Right Hand
- L: Left Hand

Number of Series

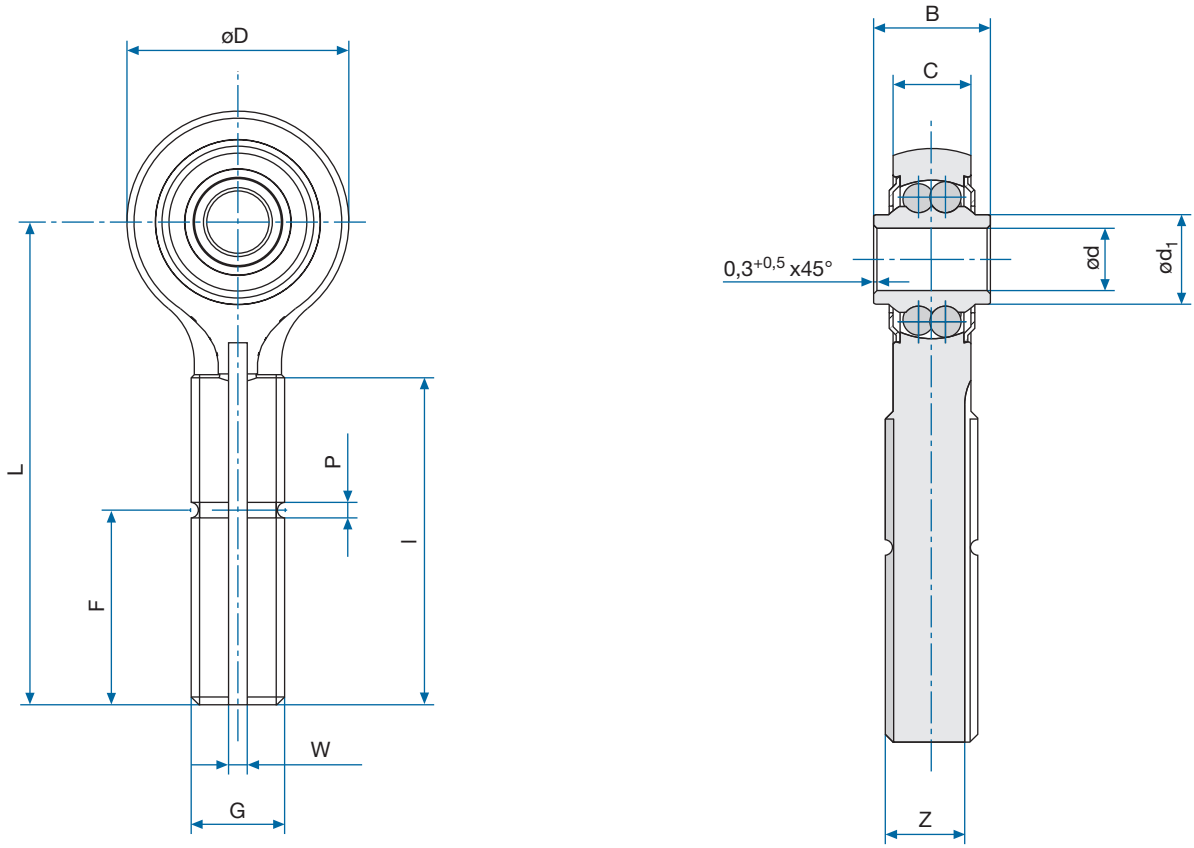
Materials
- Rod End: EN2136 / 1.4044 / AISI 431 / BS S80
- Ring + Balls: EN2030 / 1.3544.9 / 1.3544.9 / AISI 440 C
- Technical Specification: EN2067



EN4036

- > Male Thread
- > Double Row
- > Self Aligning
- > CRES

Schematic Drawing



Specifications

Type	d	Δ dmp	D	Δ Dmp	B	Δ Bmp	C	Δ Cmp	G	Tol.	I	Tol.
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]		[mm]	[mm]
FC5M	**5,0**	-0,008	**20,5**	+0,20	**12,0**	-0,10	**8,5**	+0,10	**M8x1**	4h 6h	**33,0**	+1,00
FC5MJ	**5,0**	-0,008	**20,5**	+0,20	**12,0**	-0,10	**8,5**	+0,10	**MJ8x1**	4h 6h	**33,0**	+1,00
FCN6M	**6,0**	-0,008	**22,5**	+0,20	**14,0**	-0,10	**10,0**	+0,10	**M10x1**	4h 6h	**37,0**	+1,00
FCN6MJ	**6,0**	-0,008	**22,5**	+0,20	**14,0**	-0,10	**10,0**	+0,10	**MJ10x1,25**	4h 6h	**37,0**	+1,00
FCN8M	**8,0**	-0,008	**28,5**	+0,20	**15,0**	-0,10	**10,0**	+0,10	**M12x1**	4h 6h	**42,0**	+1,00
FCN8/15M	**8,0**	-0,008	**28,5**	+0,20	**15,0**	-0,10	**10,0**	+0,10	**M12x1,5**	4h 6h	**42,0**	+1,00
FCN8MJ	**8,0**	-0,008	**28,5**	+0,20	**15,0**	-0,10	**10,0**	+0,10	**MJ12x1,25**	4h 6h	**42,0**	+1,00
FCN10M	**10,0**	-0,008	**32,0**	+0,20	**20,0**	-0,10	**14,0**	+0,10	**M14x1,5**	4h 6h	**48,0**	+1,00
FCN10/10M	**10,0**	-0,008	**32,0**	+0,20	**20,0**	-0,10	**14,0**	+0,10	**M14x1,0**	4h 6h	**48,0**	+1,00
FCN10MJ	**10,0**	-0,008	**32,0**	+0,20	**20,0**	-0,10	**14,0**	+0,10	**MJ14x1,5**	4h 6h	**48,0**	+1,00

Type	L	Tol.	d_1	F	Tol.	P	W	Tol.	Z	Tol.	Starting Sealed	Torque Shielded	Static Radial Limit Load	Weight
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[Nmm]	[Nmm]	[kN]	[g]
FC5M	**48,0**	±0,50	**7,7**	**18,0**	+0,40	**1,4**	**1,6**	+0,10	**6,6**	-0,10	**2,0**	**1,0**	**4,7**	**35**
FC5MJ	**48,0**	±0,50	**7,7**	**18,0**	+0,40	**1,4**	**1,6**	+0,10	**6,6**	-0,10	**2,0**	**1,0**	**4,7**	**35**
FCN6M	**54,0**	±0,50	**8,6**	**22,0**	+0,40	**1,4**	**2,4**	+0,10	**8,0**	-0,10	**4,0**	**2,0**	**6,8**	**50**
FCN6MJ	**54,0**	±0,50	**8,6**	**22,0**	+0,40	**1,7**	**2,4**	+0,10	**8,0**	-0,10	**4,0**	**2,0**	**6,8**	**50**
FCN8M	**62,0**	±0,50	**10,8**	**25,0**	+0,40	**1,4**	**2,4**	+0,10	**10,2**	-0,10	**10,0**	**5,0**	**10,8**	**80**
FCN8/15M	**62,0**	±0,50	**10,8**	**25,0**	+0,40	**2,0**	**2,4**	+0,10	**10,2**	-0,10	**10,0**	**5,0**	**10,8**	**80**
FCN8MJ	**62,0**	±0,50	**10,8**	**25,0**	+0,40	**1,7**	**2,4**	+0,10	**10,2**	-0,10	**10,0**	**5,0**	**10,8**	**80**
FCN10M	**73,0**	±0,50	**13,8**	**31,0**	+0,40	**2,0**	**3,2**	+0,10	**12,2**	-0,10	**12,0**	**7,0**	**14,0**	**130**
FCN10/10M	**73,0**	±0,50	**13,8**	**31,0**	+0,40	**1,4**	**3,2**	+0,10	**12,2**	-0,10	**12,0**	**7,0**	**14,0**	**130**
FCN10MJ	**73,0**	±0,50	**13,8**	**31,0**	+0,40	**2,0**	**3,2**	+0,10	**12,2**	-0,10	**12,0**	**7,0**	**14,0**	**130**

Designation

FCN 10 M J E G K A

Grease Type
- A: NATO G 354 / MIL-PRF-23 827
- B: NATO G 395 / MIL-PRF-81 322

Longitudinal Groove
- K: With Groove
- No Code: Without Groove

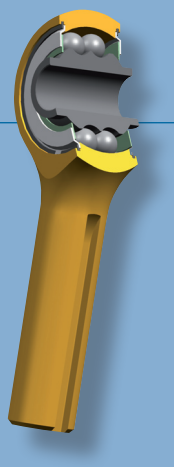
Thread
- G: Left Hand
- No Code: Right Hand

Protection
- E: Sealed
- No Code: Shielded

Diameter and Thread Code

Number of Series

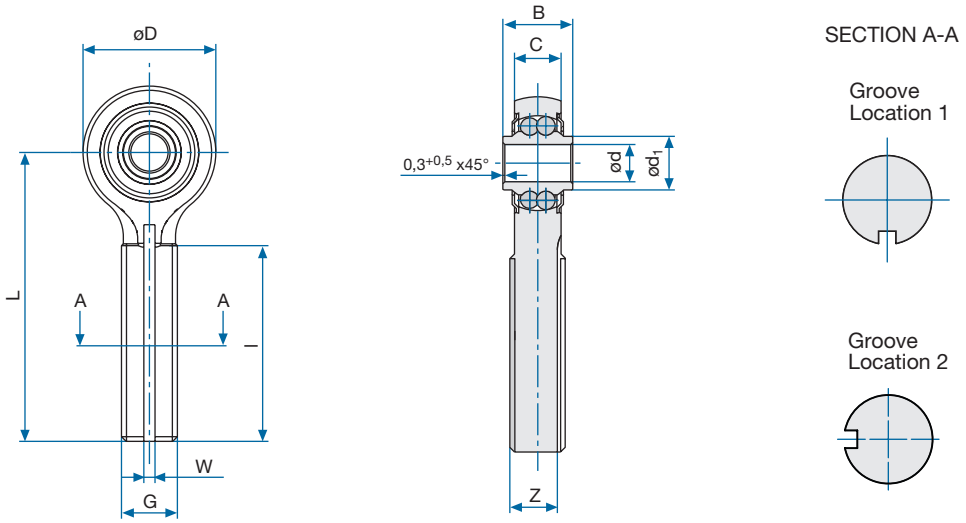
Material
- Rod End: EN2099 / 1.6657.9 / BS S157
- Ring + Balls: EN2031 / 1.3505.9 / AISI E 52100
- Surface Treatment: Cadmium Plated Except Bore
- Technical Specification: EN2067



FC...M / FCN...M

- > Male Thread
- > Double Row
- > Self Aligning
- > Dimensions According to EN2492

Schematic Drawing



Specifications

Diameter Code	d	Δ dmp	D	Δ Dmp	B	Δ Bmp	C	Δ Cmp	L	Tol.	G UNF-3A
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]
41	6,350	-0,013	22,5	±0,254	14,0	-0,127	10,0	±0,127	54,0	±0,25	.2500-28
42	6,350	-0,013	22,5	±0,254	14,0	-0,127	10,0	±0,127	54,0	±0,25	.3125-24
43	6,350	-0,013	22,5	±0,254	14,0	-0,127	10,0	±0,127	54,0	±0,25	.3750-24
44	6,350	-0,013	22,5	±0,254	14,0	-0,127	10,0	±0,127	60,0	±0,25	.4375-20
45	6,350	-0,013	22,5	±0,254	14,0	-0,127	10,0	±0,127	77,5	±0,25	.5000-20
46	6,350	-0,013	22,5	±0,254	14,0	-0,127	10,0	±0,127	85,0	±0,25	.5625-18
47	6,350	-0,013	22,5	±0,254	14,0	-0,127	10,0	±0,127	80,0	±0,25	.6250-18
51	7,938	-0,013	28,5	±0,254	15,0	-0,127	10,0	±0,127	60,0	±0,25	.3215-24
52	7,938	-0,013	28,5	±0,254	15,0	-0,127	10,0	±0,127	60,0	±0,25	.3750-24
53	7,938	-0,013	28,5	±0,254	15,0	-0,127	10,0	±0,127	62,0	±0,25	.4375-20
54	7,938	-0,013	28,5	±0,254	15,0	-0,127	10,0	±0,127	74,0	±0,25	.5000-20
55	7,938	-0,013	28,5	±0,254	15,0	-0,127	10,0	±0,127	80,0	±0,25	.5625-18
56	7,938	-0,013	28,5	±0,254	15,0	-0,127	10,0	±0,127	83,0	±0,25	.6250-18
61	9,525	-0,013	32,0	±0,254	20,0	-0,127	14,0	±0,127	62,0	±0,25	.3750-24
62	9,525	-0,013	32,0	±0,254	20,0	-0,127	14,0	±0,127	67,0	±0,25	.4375-20
63	9,525	-0,013	32,0	±0,254	20,0	-0,127	14,0	±0,127	75,0	±0,25	.5000-20
64	9,525	-0,013	32,0	±0,254	20,0	-0,127	14,0	±0,127	73,0	±0,25	.5625-18
65	9,525	-0,013	32,0	±0,254	20,0	-0,127	14,0	±0,127	85,0	±0,25	.6250-18

Diameter Code	l ±0,50	d_1 -0,15	W +0,127	Z -0,127	Groove Location	Starting Torque	Axial Play max.	Static Radial Limit Load	Weight
	[mm]	[mm]	[mm]	[mm]		[Nm]	[Nm]	[kN]	[g]
41	27,0	8,40	1,6	5,11	1	0,15	0,080	6,8	37
42	37,0	8,40	1,6	6,60	1	0,15	0,080	6,8	41
43	37,0	8,40	2,4	7,90	2	0,15	0,080	6,8	46
44	42,0	8,40	2,4	9,40	1	0,15	0,080	6,8	56
45	52,0	8,40	2,4	11,07	1	0,15	0,080	6,8	73
46	59,0	8,40	3,2	12,14	1	0,15	0,080	6,8	77
47	63,0	8,40	3,2	13,70	1	0,15	0,080	6,8	98
51	37,0	10,80	1,6	6,60	1	0,20	0,080	8,89	60
52	37,0	10,80	2,4	7,90	1	0,20	0,080	8,89	64
53	42,0	10,80	2,4	9,40	1	0,20	0,080	8,89	71
54	52,0	10,80	2,4	11,07	2	0,20	0,080	8,89	86
55	59,0	10,80	3,2	12,14	1	0,20	0,080	8,89	103
56	63,0	10,80	3,2	13,7	1	0,20	0,080	8,89	114
61	37,0	13,80	2,4	7,9	1	0,20	0,080	14,0	94
62	42,0	13,80	2,4	9,4	1	0,20	0,080	14,0	106
63	52,0	13,80	2,4	11,07	1	0,20	0,080	14,0	122
64	48,0	13,80	3,2	12,14	2	0,20	0,080	14,0	132
65	63,0	13,80	3,2	13,7	1	0,20	0,080	14,0	144

Designation

ASNA2579 E 41 G

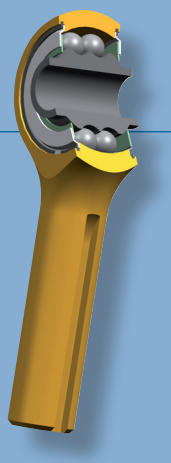
Thread
G: Left Hand
D: Right Hand

Diameter Code

Protection
E: Sealed

Number of Standard

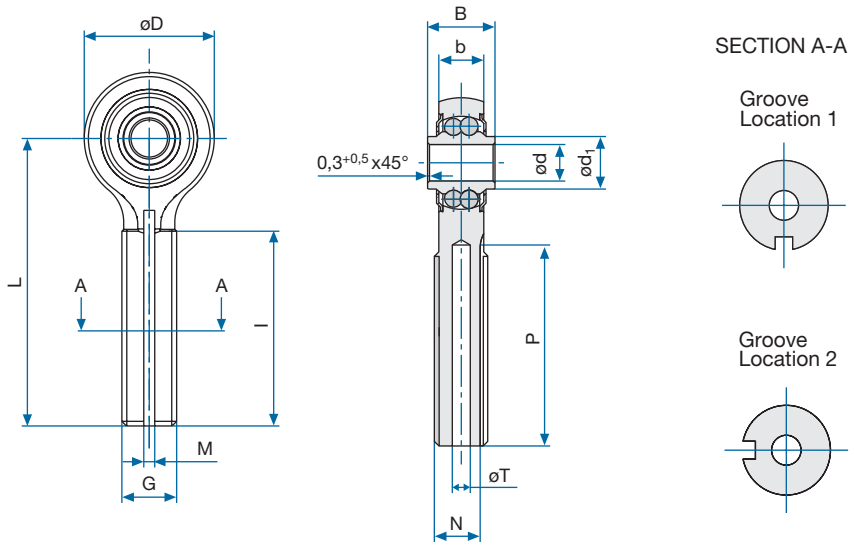
Materials
Rod End: EN2136 / 1.4044.6 / AISI 431 / BS S80; Cadmium Plated
Balls + Ring: EN2030 / 1.3544.9 / AISI 440 C



ASNA2579E

- > Male Thread
- > Double Row
- > Self Aligning
- > CRES

Schematic Drawing



Specifications

Right Hand Thread	Left Hand Thread	d	Δ dmp	D	Δ Dmp	B	Δ Bmp	b	Tol.	L	Tol.	G UNJF-3A
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]
NSA8159-010	NSA8159-011	6,350	-0,0127	22,5	±0,25	14,0	-0,12	10,0	±0,12	54,0	±0,25	.2500-25
NSA8159-012	NSA8159-013	6,350	-0,0127	22,5	±0,25	14,0	-0,12	10,0	±0,12	54,0	±0,25	.3125-24
NSA8159-014	NSA8159-015	6,350	-0,0127	22,5	±0,25	14,0	-0,12	10,0	±0,12	54,0	±0,25	.3750-24
NSA8159-016	NSA8159-017	6,350	-0,0127	22,5	±0,25	14,0	-0,12	10,0	±0,12	60,0	±0,25	.4375-20
NSA8159-018	NSA8159-019	6,350	-0,0127	22,5	±0,25	14,0	-0,12	10,0	±0,12	77,5	±0,25	.5000-20
NSA8159-020	NSA8159-021	6,350	-0,0127	22,5	±0,25	14,0	-0,12	10,0	±0,12	85,0	±0,25	.5625-15
NSA8159-022	NSA8159-023	6,350	-0,0127	22,5	±0,25	14,0	-0,12	10,0	±0,12	80,0	±0,25	.6250-15
NSA8159-024	NSA8159-025	7,938	-0,0127	28,5	±0,25	15,0	-0,12	10,0	±0,12	60,0	±0,25	.3125-24
NSA8159-026	NSA8159-027	7,938	-0,0127	28,5	±0,25	15,0	-0,12	10,0	±0,12	60,0	±0,25	.3750-24
NSA8159-028	NSA8159-029	7,938	-0,0127	28,5	±0,25	15,0	-0,12	10,0	±0,12	62,0	±0,25	.4375-20
NSA8159-030	NSA8159-031	7,938	-0,0127	28,5	±0,25	15,0	-0,12	10,0	±0,12	74,0	±0,25	.5000-20
NSA8159-032	NSA8159-033	7,938	-0,0127	28,5	±0,25	15,0	-0,12	10,0	±0,12	80,0	±0,25	.5625-18
NSA8159-034	NSA8159-035	7,938	-0,0127	28,5	±0,25	15,0	-0,12	10,0	±0,12	83,0	±0,25	.6250-18
NSA8159-036	NSA8159-037	9,525	-0,0127	32,0	±0,25	20,0	-0,12	14,0	±0,12	62,0	±0,25	.3750-24
NSA8159-038	NSA8159-039	9,525	-0,0127	32,0	±0,25	20,0	-0,12	14,0	±0,12	67,0	±0,25	.4375-20
NSA8159-040	NSA8159-041	9,525	-0,0127	32,0	±0,25	20,0	-0,12	14,0	±0,12	75,0	±0,25	.5000-20
NSA8159-042	NSA8159-043	9,525	-0,0127	32,0	±0,25	20,0	-0,12	14,0	±0,12	73,0	±0,25	.5625-18
NSA8159-044	NSA8159-045	9,525	-0,0127	32,0	±0,25	20,0	-0,12	14,0	±0,12	85,0	±0,25	.6250-18

Right Hand Thread	Left Hand Thread	I ±0,50	P -1,0	T -0,25	d_1	M +0,127	N -0,127	Groove Location	Axial Play max.	Static Radial Limit Load	Weight
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[kN]	[g]
NSA8159-010	NSA8159-011	27,0	-	-	8,4	1,57	5,11	1	0,080	6,81	37
NSA8159-012	NSA8159-013	37,0	-	-	8,4	1,57	6,60	1	0,080	6,81	41
NSA8159-014	NSA8159-015	37,0	-	-	8,4	2,36	7,90	2	0,080	6,81	46
NSA8159-016	NSA8159-017	42,0	-	-	8,4	2,36	9,40	1	0,080	6,81	56
NSA8159-018	NSA8159-019	52,0	56,0	4,0	8,4	2,36	11,07	1	0,080	6,81	73
NSA8159-020	NSA8159-021	59,0	63,0	4,0	8,4	3,18	12,14	1	0,080	6,81	77
NSA8159-022	NSA8159-023	63,0	65,0	6,0	8,4	3,18	13,74	1	0,080	6,81	98
NSA8159-024	NSA8159-025	37,0	-	-	10,8	1,57	6,60	1	0,080	10,78	60
NSA8159-026	NSA8159-027	37,0	-	-	10,8	2,36	7,90	1	0,080	10,78	64
NSA8159-028	NSA8159-029	42,0	-	-	10,8	2,36	9,40	2	0,080	10,78	71
NSA8159-030	NSA8159-031	52,0	55,0	4,0	10,8	2,36	11,07	1	0,080	10,78	86
NSA8159-032	NSA8159-033	59,0	61,0	4,0	10,8	3,18	12,14	1	0,080	10,78	103
NSA8159-034	NSA8159-035	63,0	65,0	6,0	10,8	3,18	13,74	1	0,080	10,78	114
NSA8159-036	NSA8159-037	37,0	-	-	13,8	2,36	7,90	1	0,080	12,75	94
NSA8159-038	NSA8159-039	42,0	-	-	13,8	2,36	9,40	1	0,080	12,75	106
NSA8159-040	NSA8159-041	52,0	-	-	13,8	2,36	11,07	1	0,080	12,75	122
NSA8159-042	NSA8159-043	48,0	-	-	13,8	3,18	12,14	2	0,080	12,75	132
NSA8159-044	NSA8159-045	63,0	65,0	6,0	13,8	3,18	13,74	1	0,080	12,75	144

Designation

NSA8159 - 014 E A

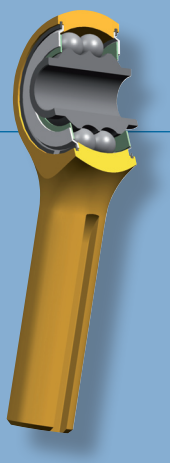
Material Ring + Balls
- A: EN2031 / 1.3505.9 / AISI E 52100
- No Code: EN2030 / 1.3544.9 / AISI 440 C
- Grease Type: NATO G 354 / MIL-PRF-23827

Protection
- E: Sealed
- P: Shielded

Diameter and Thread Code

Number of Standard

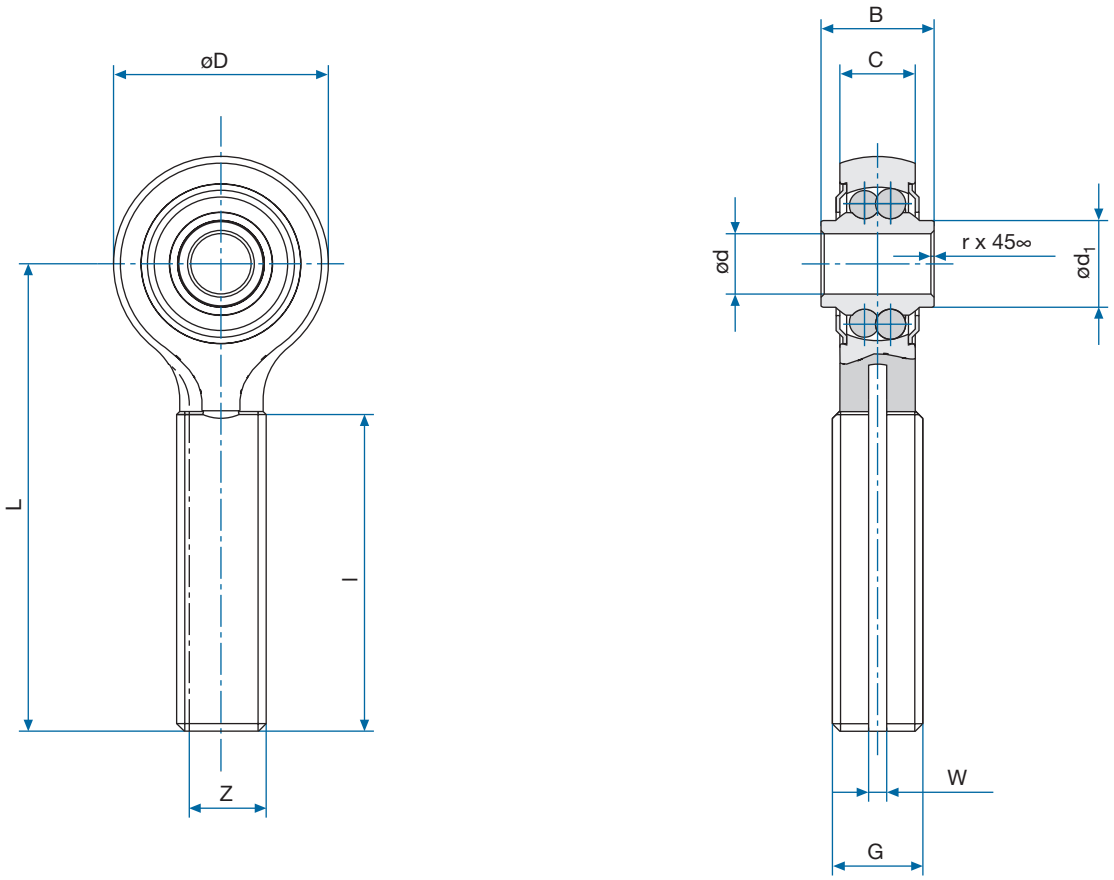
Materials
- Rod End: EN2099 / 1.6657.9 / BS S157; Cadmium Plated
- Technical Specification: MIL-B-6093



NSA8159

- > Male Thread
- > Double Row
- > Self Aligning

Schematic Drawing



Specifications

Type	d	Δ dmp	D	Δ Dmp	B	Δ Bmp	C	Δ Cmp	G	Tol.	L	Tol.
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]		[mm]	[mm]
REP 3M 3	**4,826**	-0,007	**19,837**	±0,25	**11,100**	-0,12	**8,331**	±0,25	**.1900-32**	UNJF-3A	**34,925**	±0,25
REP 3M 4-6	**4,826**	-0,007	**19,837**	±0,25	**11,100**	-0,12	**8,331**	±0,25	**.2500-28**	UNJF-3A	**39,700**	±0,25
REP 3M 6-2N	**4,826**	-0,007	**19,837**	±0,25	**11,100**	-0,12	**8,331**	±0,25	**.3750-21**	UNJF-3A	**34,925**	±0,25
RAP 3M 4-2	**4,826**	-0,007	**19,837**	±0,25	**12,700**	-0,12	**11,125**	±0,25	**.2500-28**	UNJF-3A	**46,025**	±0,25
REP 3M 6A	**4,826**	-0,007	**24,612**	±0,25	**12,700**	-0,12	**10,337**	±0,25	**.3750-24**	UNJF-3A	**51,587**	±0,25
REP 4M6	**6,350**	-0,007	**23,825**	±0,25	**15,062**	-0,12	**11,125**	±0,25	**.3750-24**	UNJF-3A	**47,625**	±0,25
REP 5M6	**7,937**	-0,007	**31,750**	±0,25	**22,098**	-0,12	**16,662**	±0,25	**.3750-24**	UNJF-3A	**61,925**	±0,25
REP 5M7	**7,937**	-0,007	**31,750**	±0,25	**22,098**	-0,12	**16,662**	±0,25	**.3750-24**	UNJF-3A	**61,925**	±0,25
REP 5M10	**7,937**	-0,007	**31,750**	±0,25	**22,098**	-0,12	**16,662**	±0,25	**.4375-20**	UNJF-3A	**61,925**	±0,25
RAP 10M10	**15,875**	-0,007	**50,800**	±0,25	**28,575**	-0,12	**23,825**	±0,25	**.6250-18**	UNJF-3A	**69,850**	±0,25

Type	l	Tol.	d_1	W	Tol.	Z	Tol.	r x 45°	Tol.	Static Radial Limit Load	Weight
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kN]	[g]
REP 3M 3	**19,05**	±0,80	**7,01**	**-**	-	**-**	-	**0,127**	+0,38	**4,45**	**18**
REP 3M 4-6	**25,40**	±0,80	**7,01**	**1,547**	+0,127	**5,105**	-0,127	**0,127**	+0,38	**4,45**	**23**
REP 3M 6-2N	**19,05**	±0,80	**7,01**	**2,362**	+0,127	**7,899**	-0,127	**0,127**	+0,38	**4,45**	**23**
RAP 3M 4-2	**23,82**	±0,80	**7,79**	**1,574**	+0,127	**5,105**	-0,127	**0,127**	+0,38	**4,45**	**45**
REP 3M 6A	**33,35**	±0,80	**7,59**	**2,352**	+0,127	**7,899**	-0,127	**0,127**	+0,38	**5,34**	**52**
REP 4M6	**28,57**	±0,80	**8,64**	**2,352**	+0,127	**7,899**	-0,127	**0,127**	+0,38	**7,65**	**45**
REP 5M6	**39,70**	±0,80	**12,72**	**2,352**	+0,127	**7,899**	-0,127	**0,38**	+0,38	**13,00**	**108**
REP 5M7	**39,70**	±0,80	**12,72**	**2,352**	+0,127	**9,389**	-0,127	**0,38**	+0,38	**13,00**	**108**
REP 5M10	**39,70**	±0,80	**12,72**	**3,175**	+0,127	**13,741**	-0,127	**0,38**	+0,38	**13,00**	**108**
RAP 10M10	**38,10**	±0,80	**22,22**	**3,175**	+0,127	**13,471**	-0,127	**0,38**	+0,38	**31,54**	**322**

Designation

REP3M L S 6 K G

Grease Type

G: NATO G 354 / MIL-PRF-23 827
No Code: NATO G 395 / MIL-PRF-81 322

Longitudinal Groove

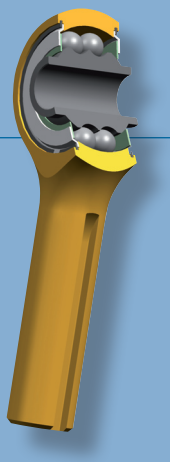
No Code: Without Groove
Code S..K: With Groove

Thread

No Code: Right Hand
L: Left Hand

Bearing Number

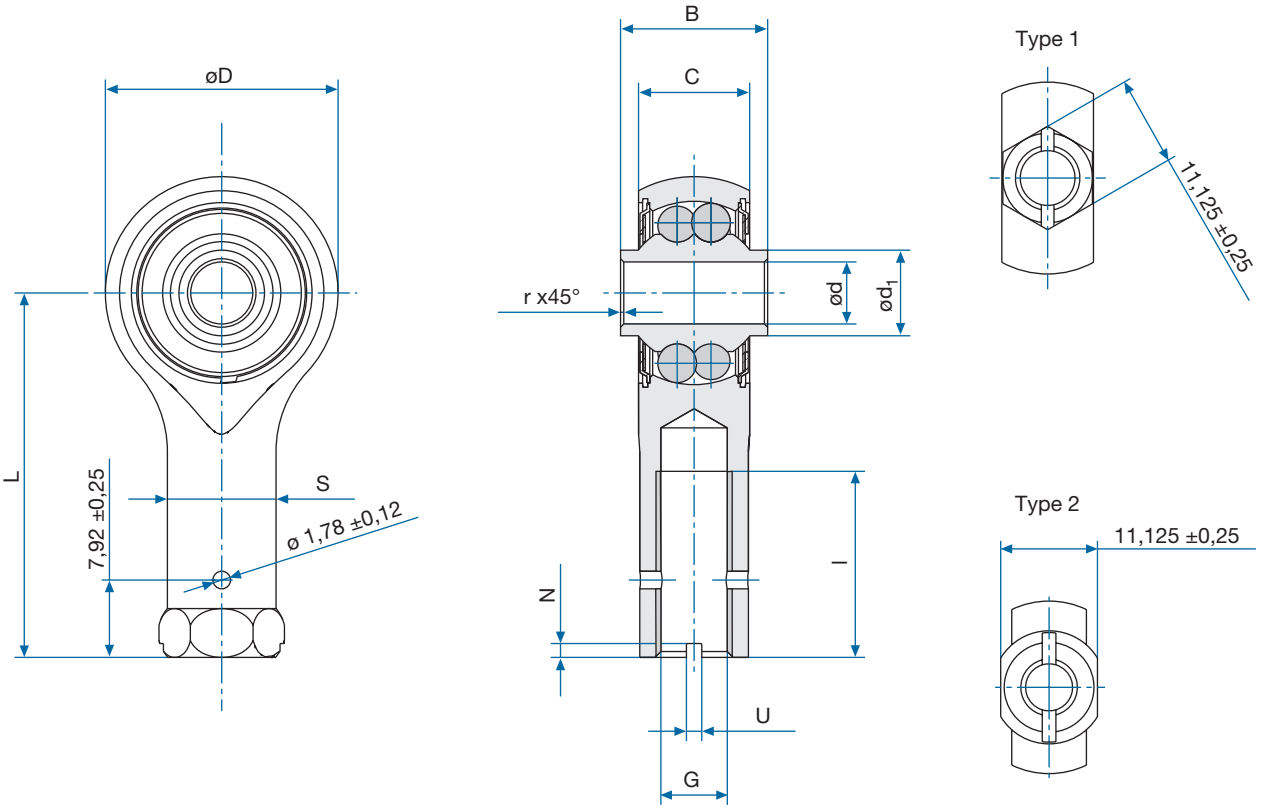
Material
Rod End: EN2099 / 1.6657.9 / BS S157; Cadmium Plated
Inner Ring: EN2031 / 1.3505.9 / AISI E52100 Cadmium Plated Except Bore
Sealed Type: Seals (PTFE); Seal Retainers (CRES)



REP / RAP

- > Male Thread
- > Double Row
- > Self Aligning
- > Dimensions According to MS 21 151

Schematic Drawing



Specifications

Type	d	Δ dmp	D	Δ Dmp	B	Δ Bmp	C	Δ Cmp	Type	L	Tol.	G UNJF-3B
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]
REPB 3 N	4,826	-0,007	19,837	±0,25	11,100	-0,13	8,331	±0,25	2	34,925	±0,25	.2500-28RH
REPB 3 N 2	4,826	-0,007	19,837	±0,25	11,100	-0,13	8,331	±0,25	1	34,925	±0,25	.3125-24RH
REP 3 F 4	4,826	-0,007	19,837	±0,25	12,700	-0,13	8,331	±0,25	2	34,925	±0,25	.2500-28RH
REP 3 FL 4	4,826	-0,007	19,837	±0,25	12,700	-0,13	8,331	±0,25	2	34,925	±0,25	.2500-28LH
REP 3 FL 4-3	4,826	-0,007	19,837	±0,25	11,100	-0,13	8,331	±0,25	2	34,925	±0,25	.2500-28LH
REP 4 F 5	6,350	-0,007	23,825	±0,25	15,062	-0,13	11,125	±0,25	1	37,313	±0,25	.3125-24RH
REP 4 F L 5	6,350	-0,007	23,825	±0,25	15,062	-0,13	11,125	±0,25	1	37,313	±0,25	.3125-24LH
REP F 7	6,350	-0,007	23,825	±0,25	15,062	-0,13	11,125	±0,25	-	47,625	±0,25	.4375-20RH
REP 4 F L 7	6,350	-0,007	23,825	±0,25	15,062	-0,13	11,125	±0,25	-	47,625	±0,25	.4375-20LH
REP 5 F 5	7,937	-0,007	31,750	±0,25	22,098	-0,13	16,662	±0,25	-	47,625	±0,25	.3125-24RH
REP 5 F L 5	7,937	-0,007	31,750	±0,25	22,098	-0,13	16,662	±0,25	-	47,625	±0,25	.3125-24LH

Type	R	l ±0,79	d_1 -0,25	U +0,12	N +0,12	S ±0,25	r +0,38	Radial Play max.	Axial Play max.	Static Limit Load	Static Ultimate Load	Weight
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kN]	[kN]	[g]
REPB 3 N	9,65	19,05	7,7	1,57	1,42	9,525	0,12	0,010	0,076	4,448	6,672	23
REPB 3 N 2	9,65	19,05	7,7	1,57	1,42	11,125	0,12	0,010	0,076	4,448	6,672	27
REP 3 F 4	9,65	19,05	7,7	1,57	1,42	9,525	0,12	0,010	0,076	4,448	6,672	27
REP 3 FL 4	9,65	19,05	7,7	1,57	1,42	9,525	0,12	0,010	0,076	4,448	6,672	27
REP 3 FL 4-3	9,65	19,05	7,7	1,57	1,42	9,525	0,12	0,010	0,076	4,448	6,672	25
REP 4 F 5	11,89	19,05	8,76	1,57	1,42	11,125	0,12	0,010	0,076	7,650	11,475	32
REP 4 F L 5	11,89	19,05	8,76	1,57	1,42	11,125	0,12	0,010	0,076	7,650	11,475	32
REP F 7	11,89	28,575	8,76	2,36	1,75	15,875	0,12	0,010	0,076	7,650	11475	36
REP 4 F L 7	11,89	28,575	8,76	2,36	1,75	15,875	0,12	0,010	0,076	7,650	11,475	36
REP 5 F 5	12,70	25,40	13,8	1,57	1,42	11,125	0,38	0,010	0,076	12,988	19,460	45
REP 5 F L 5	12,70	25,40	13,8	1,57	1,42	11,125	0,38	0,010	0,076	12,988	19,460	45

Designation

REP 4F5 K G

Grease Type

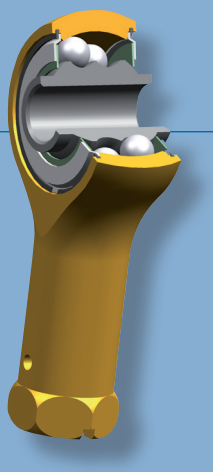
G: NATO G 354 / MIL-PRF-23 827
No Code: NATO G 395 / MIL-PRF-81 322

Keyslot

No Code: Without Keyslot
K: With Keyslot

Bearing Number

Material
Rod End: EN2099 / 1.6657.9 / BS S157; Cadmium Plated
Inner Ring: EN2031 / 1.3505.9 / AISI E 52100 Cadmium Plated Except Bore
Sealed Type: Seals (PTFE); Seal Retainers (CRES)



REP...F

- > Female Thread
- > Double Row
- > Self Aligning
- > Dimensions According to MS 21 153