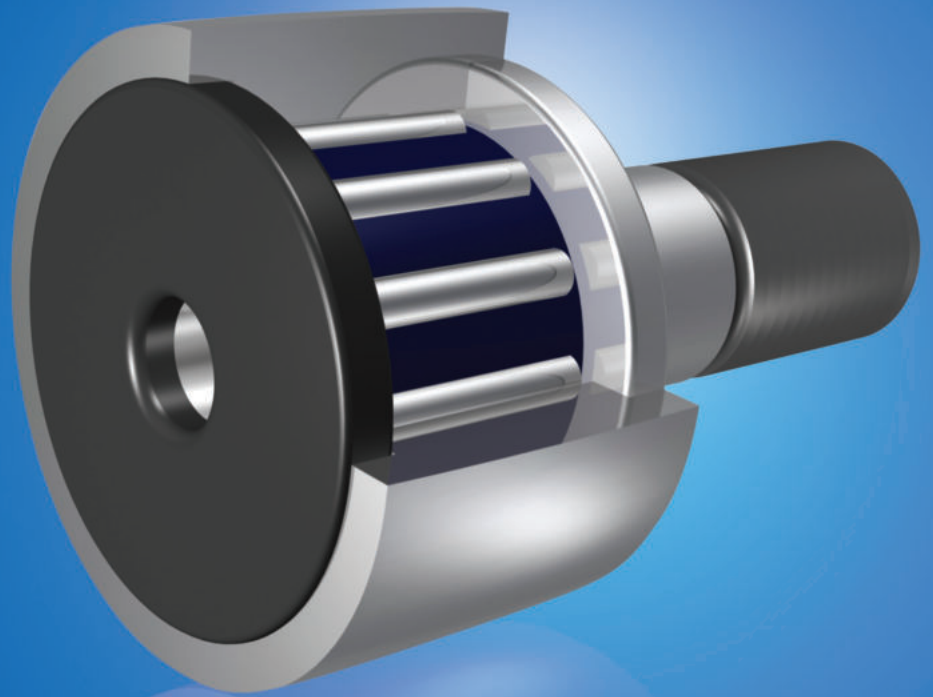


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BEARINGS FOR YOUR FUTURE



Rodillos de Apoyo





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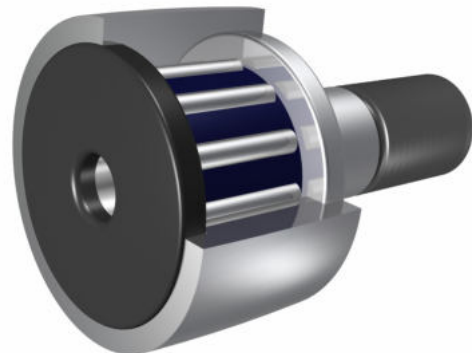
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## Rodillos de Apoyo

### Rodillos de Apoyo

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CFH / CFH...S	42
CFH...B / CFH...SB	46
CCFH...S / CCFH...SB	50



Geeignet für hohe tragzahlen\*<sup>^</sup>  
Suitable for heavy load rating\*<sup>^</sup>



Ölschmierung\*  
Oil lubrication\*

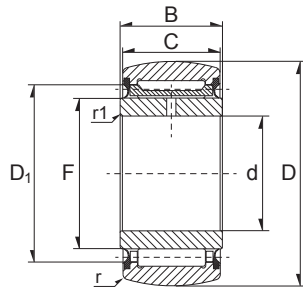
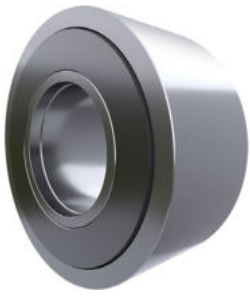


Fettschmierung\*  
Grease lubrication\*



Gummidichtscheiben verfügbar\*  
Rubber seal option available\*

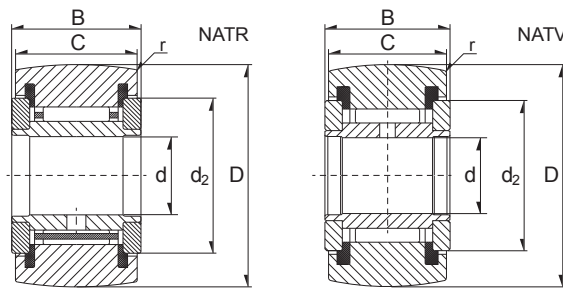
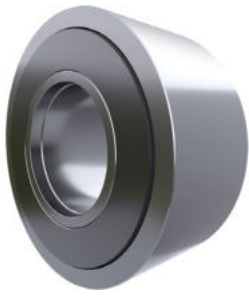
# Rodillos de Apoyo NA2200-2RS



3

Dimension (mm)								Designation/Type	*Basic Load Rating		*Limiting Speed RPM	Mass (g) approx.
d	D	C	B	F	D <sub>1</sub>	r	r <sub>1</sub>		C, dyn. N	C <sub>0</sub> Stat. N		
6.0	19.0	11.8	12.0	10.0	16.0	0.3	0.3	NA22/6-2RS	3900	3650	9000	22 g
8.0	24.0	11.8	12.0	12.0	18.0	0.3	0.3	NA22/8-2RS	4800	4800	7000	34 g
10.0	30.0	13.8	14.0	14.0	20.0	0.6	0.3	NA2200-2RS	7000	8000	5500	60 g
12.0	32.0	13.8	14.0	16.0	22.0	0.6	0.3	NA2201-2RS	7500	9000	4700	67 g
15.0	35.0	13.8	14.0	20.0	26.0	0.6	0.3	NA2202-2RS	7600	9500	3400	75 g
17.0	40.0	15.8	16.0	22.0	28.0	1.0	0.3	NA2203-2RS	9900	13700	3000	112 g
20.0	47.0	17.8	18.0	25.0	33.0	1.0	0.3	NA2204-2RS	1500	18300	2300	177 g
25.0	52.0	17.8	18.0	30.0	38.0	1.0	0.3	NA2205-2RS	15700	19900	1800	209 g
30.0	62.0	19.8	20.0	35.0	43.0	1.0	0.3	NA2206-2RS	18400	25500	1400	324 g
35.0	72.0	22.7	23.0	42.0	50.0	1.1	0.6	NA2207-2RS	23000	35500	1100	505 g
40.0	80.0	22.7	23.0	48.0	57.0	1.1	0.6	NA2208-2RS	27500	40500	850	628 g
50.0	90.0	22.7	23.0	58.0	68.0	1.1	0.6	NA2210-2RS	28000	42500	650	690 g

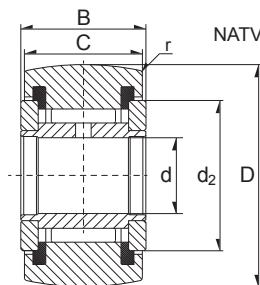
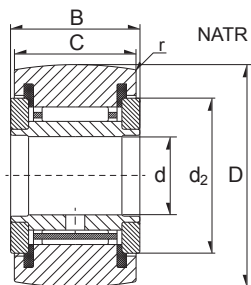
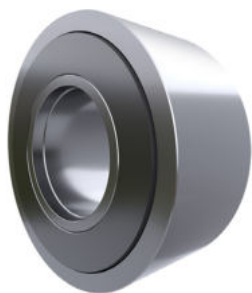
# Rodillos de Apoyo NATR & NATV



4

Dimension (mm)						Designation/Type	Load Rating		Fatigue Limit Load	*Limiting Speed RPM	Mass (g) approx.
d	D	B	C	d <sub>2</sub>	r		C <sub>o</sub> Stat. N	C, dyn. N			
5.0	16.0	12.0	11.0	12.5	0.15	NATR 5	3150	3300	415	14000	14 g
5.0	16.0	12.0	11.0	12.5	0.15	NATV 5	4900	6500	860	3800	15 g
5.0	16.0	12.0	11.0	12.5	0.15	NATR 5-PP	3150	3300	415	14000	14 g
5.0	16.0	12.0	11.0	12.5	0.15	NATV 5-PP	4900	6500	860	3800	15 g
5.0	16.0	12.0	11.0	12.5	0.15	NATR 5-PPX	3150	3300	415	14000	14 g
5.0	16.0	12.0	11.0	12.5	0.15	NATV 5-PPX	4900	6500	860	3800	15 g
6.0	19.0	12.0	11.0	15.0	0.15	NATR 6	3500	3900	485	11000	20 g
6.0	19.0	12.0	11.0	15.0	0.15	NATV 6	5400	7900	1040	3100	21 g
6.0	19.0	12.0	11.0	15.0	0.15	NATR 6-PP	3500	3900	485	11000	19 g
6.0	19.0	12.0	11.0	15.0	0.15	NATV 6-PP	5400	7900	1040	3100	21 g
6.0	19.0	12.0	11.0	15.0	0.15	NATR 6-PPX	3500	3900	485	11000	19 g
6.0	19.0	12.0	11.0	15.0	0.15	NATV 6-PPX	5400	7900	1040	3100	21 g
8.0	24.0	15.0	14.0	19.0	0.3	NATR 8	5500	6400	810	7500	41 g
8.0	24.0	15.0	14.0	19.0	0.3	NATV 8	7800	11400	1430	2500	42 g
8.0	24.0	15.0	14.0	19.0	0.3	NATR 8-PP	5500	6400	810	7500	38 g
8.0	24.0	15.0	14.0	19.0	0.3	NATV 8-PP	7800	11400	1430	2500	41 g
8.0	24.0	15.0	14.0	19.0	0.3	NATR 8-PPX	5500	6400	810	7500	38 g
8.0	24.0	15.0	14.0	19.0	0.3	NATV 8-PPX	7800	11400	1430	2500	41 g
10.0	30.0	15.0	14.0	23.0	0.6	NATR 10	6800	8400	1070	5500	64 g
10.0	30.0	15.0	14.0	23.0	0.6	NATV 10	9500	14600	1840	2100	65 g
10.0	30.0	15.0	14.0	23.0	0.6	NATR 10-PP	6800	8400	1070	5500	61 g
10.0	30.0	15.0	14.0	23.0	0.6	NATV 10-PP	9500	14600	1840	2100	64 g
10.0	30.0	15.0	14.0	23.0	0.6	NATR 10-PPX	6800	8400	1070	5500	61 g
10.0	30.0	15.0	14.0	23.0	0.6	NATV 10-PPX	9500	14600	1840	2100	64 g
12.0	32.0	15.0	14.0	25.0	0.6	NATR 12	6900	8800	1720	4500	71 g
12.0	32.0	15.0	14.0	25.0	0.6	NATV 12	9700	15400	1950	1800	72 g
12.0	32.0	15.0	14.0	25.0	0.6	NATR 12-PP	6900	8800	1720	4500	66 g
12.0	32.0	15.0	14.0	25.0	0.6	NATV 12-PP	9700	15400	1950	1800	69 g
12.0	32.0	15.0	14.0	25.0	0.6	NATR 12-PPX	6900	8800	1720	4500	66 g
12.0	32.0	15.0	14.0	25.0	0.6	NATV 12-PPX	9700	15400	1950	1800	69 g

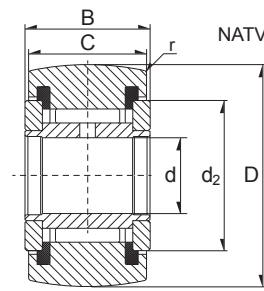
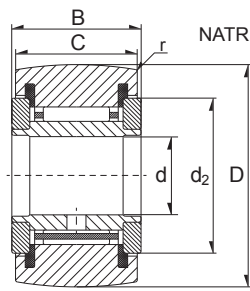
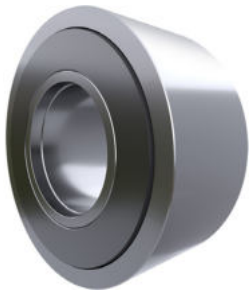
# Rodillos de Apoyo NATR & NATV



5

Dimension (mm)						Designation/Type	Load Rating		Fatigue Limit Load	*Limiting Speed RPM	Mass (g) approx.
d	D	B	C	d <sub>2</sub>	r		C <sub>0</sub> Stat. N	C, dyn. N			
15.0	35.0	19.0	18.0	27.6	0.6	NATR 15	9800	14100	1700	3600	104 g
15.0	35.0	19.0	18.0	27.6	0.6	NATV 15	12800	23000	2900	1600	109 g
15.0	35.0	19.0	18.0	27.6	0.6	NATR 15-PP	9800	14100	1700	3600	95 g
15.0	35.0	19.0	18.0	27.6	0.6	NATV 15-PP	12800	23000	2900	1600	101 g
15.0	35.0	19.0	18.0	27.6	0.6	NATR 15-PPX	9800	14100	1700	3600	95 g
15.0	35.0	19.0	18.0	27.6	0.6	NATV 15-PPX	12800	23000	2900	1600	101 g
17.0	40.0	21.0	20.0	31.5	1.0	NATR 17	10900	15500	1850	2900	144 g
17.0	40.0	21.0	20.0	31.5	1.0	NATV 17	14800	26500	3050	1400	152 g
17.0	40.0	21.0	20.0	31.5	1.0	NATR 17-PP	10900	15500	1850	2900	139 g
17.0	40.0	21.0	20.0	31.5	1.0	NATV 17-PP	14800	26500	3050	1400	147 g
17.0	40.0	21.0	20.0	31.5	1.0	NATR 17-PPX	10900	15500	1850	2900	139 g
17.0	40.0	21.0	20.0	31.5	1.0	NATV 17-PPX	14800	26500	3050	1400	147 g
20.0	47.0	25.0	24.0	36.5	1.0	NATR 20	15500	25500	3000	2400	246 g
20.0	47.0	25.0	24.0	36.5	1.0	NATV 20	20600	42000	5200	1300	254 g
20.0	47.0	25.0	24.0	36.5	1.0	NATR 20-PP	15500	25500	3000	2400	236 g
20.0	47.0	25.0	24.0	36.5	1.0	NATV 20-PP	20600	42000	5200	1300	245 g
20.0	47.0	25.0	24.0	36.5	1.0	NATR 20-PPX	15500	25500	3000	2400	236 g
20.0	47.0	25.0	24.0	36.5	1.0	NATV 20-PPX	20600	42000	5200	1300	245 g
25.0	52.0	25.0	24.0	41.5	1.0	NATR 25	15400	26500	3010	1800	275 g
25.0	52.0	25.0	24.0	41.5	1.0	NATV 25	20500	44000	5400	1000	285 g
25.0	52.0	25.0	24.0	41.5	1.0	NATR 25-PP	15400	26500	3010	1800	271 g
25.0	52.0	25.0	24.0	41.5	1.0	NATV 25-PP	20500	44000	5400	1000	281 g
25.0	52.0	25.0	24.0	41.5	1.0	NATR 25-PPX	15400	26500	3010	1800	271 g
25.0	52.0	25.0	24.0	41.5	1.0	NATV 25-PPX	20500	44000	5400	1000	281 g
30.0	62.0	29.0	28.0	51.0	1.0	NATR 30	23400	38500	4650	1300	470 g
30.0	62.0	29.0	28.0	51.0	1.0	NATV 30	30500	62000	7800	850	481 g
30.0	62.0	29.0	28.0	51.0	1.0	NATR 30-PP	23400	38500	4650	1300	444 g
30.0	62.0	29.0	28.0	51.0	1.0	NATV 30-PP	30500	62000	7800	850	468 g
30.0	62.0	29.0	28.0	51.0	1.0	NATR 30-PPX	23400	38500	4650	1300	444 g
30.0	62.0	29.0	28.0	51.0	1.0	NATV 30-PPX	30500	62000	7800	850	468 g

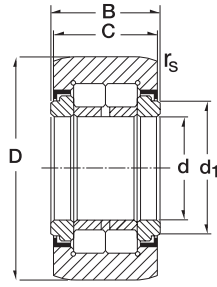
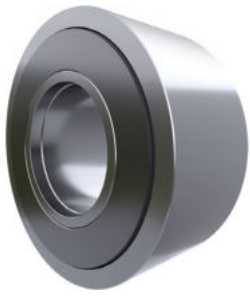
# Rodillos de Apoyo NATR & NATV



6

Dimension (mm)						Designation/Type	Load Rating		Fatigue Limit Load	*Limiting Speed RPM	Mass (g) approx.
d	D	B	C	d <sub>2</sub>	r		C <sub>0</sub> Stat. N	C, dyn. N			
35.0	72.0	29.0	28.0	58.0	1.1	NATR 35-PP	25000	44000	5300	1000	547 g
35.0	72.0	29.0	28.0	58.0	1.1	NATV 35-PP	33000	71000	8900	750	630 g
35.0	72.0	29.0	28.0	58.0	1.1	NATR 35-PPX	25000	44000	5300	1000	547 g
35.0	72.0	29.0	28.0	58.0	1.1	NATV 35-PPX	33000	71000	8900	750	630 g
40.0	80.0	32.0	30.0	66.0	1.1	NATR 40-PP	32500	58000	7000	850	795 g
40.0	80.0	32.0	30.0	66.0	1.1	NATV 40-PP	41000	88000	11000	650	832 g
40.0	80.0	32.0	30.0	66.0	1.1	NATR 40-PPX	32500	58000	7000	850	795 g
40.0	80.0	32.0	30.0	66.0	1.1	NATV 40-PPX	41000	88000	11000	650	832 g
50.0	90.0	32.0	30.0	76.0	1.1	NATR 50-PP	31500	59000	7100	650	867 g
50.0	90.0	32.0	30.0	76.0	1.1	NATV 50-PP	40000	92000	11600	550	969 g
50.0	90.0	32.0	30.0	76.0	1.1	NATR 50-PPX	31500	59000	7100	650	867 g
50.0	90.0	32.0	30.0	76.0	1.1	NATV 50-PPX	40000	92000	11600	550	969 g

# Rodillos de Apoyo NUTR

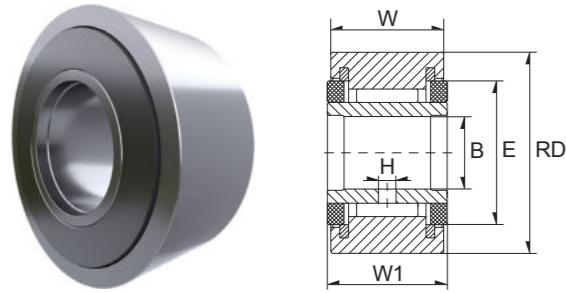


7

Dimension (mm)						Designation/Type	*Basic Load Rating		*Limiting Speed x1000rpm Grease	Mass (g) approx.
d	D	B	C	r <sub>s</sub>	d <sub>1min</sub>		C, dyn. N	C <sub>o</sub> Stat. N		
15.0	35.0	19.0	18.0	0.6	20.0	NUTR 15	23000	27000	6.5	99 g
17.0	40.0	21.0	20.0	1.0	22.0	NUTR 17	24800	31000	5.5	147 g
15.0	42.0	19.0	18.0	0.6	20.0	NUTR 15 42	23000	27000	6.5	158 g
17.0	47.0	21.0	20.0	1.0	22.0	NUTR 17 47	24800	31000	5.5	220 g
20.0	47.0	25.0	24.0	1.0	27.0	NUTR 20	39000	50000	4.2	245 g
20.0	52.0	25.0	24.0	1.0	27.0	NUTR 20 52	39000	50000	4.2	321 g
25.0	52.0	25.0	24.0	1.0	31.0	NUTR 25	43500	60000	3.4	281 g
25.0	62.0	25.0	24.0	1.0	31.0	NUTR 25 62	43500	60000	3.4	450 g
30.0	62.0	29.0	28.0	1.0	38.0	NUTR 30	59000	79000	2.6	465 g
30.0	72.0	29.0	28.0	1.0	38.0	NUTR 30 72	59000	79000	2.6	697 g
35.0	72.0	29.0	28.0	1.1	44.0	NUTR 35	65000	93000	2.1	630 g
35.0	80.0	29.0	28.0	1.1	44.0	NUTR 35 80	65000	93000	2.1	836 g
40.0	80.0	32.0	30.0	1.1	51.0	NUTR 40	90000	134000	1.6	816 g
45.0	85.0	32.0	30.0	1.1	55.0	NUTR 45	95000	147000	1.4	883 g
40.0	90.0	32.0	30.0	1.1	51.0	NUTR 40 90	90000	134000	1.6	1129 g
50.0	90.0	32.0	30.0	1.1	60.0	NUTR 50	100000	161000	1.3	950 g
45.0	100.0	32.0	30.0	1.1	55.0	NUTR 45 100	95000	147000	1.4	1396 g
50.0	110.0	32.0	30.0	1.1	60.0	NUTR 50 110	100000	161000	1.3	1690 g

Alle Referenzen können mit zylindrischen Aussenring geliefert werden  
 All references can be supplied with cylindrical outer ring

# Rodillos de Apoyo CYR



8

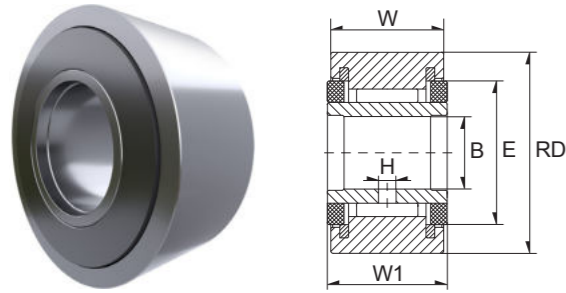
Dimension (inch)					
RD	W	B	W1	E	H
0,750	0,500	0,250	0,5625	39/64	3/32
0,750	0,500	0,250	0,5625	39/64	3/32
0,750	0,500	0,250	0,5625	39/64	3/32
0,875	0,500	0,250	0,5625	39/64	3/32
0,875	0,500	0,250	0,5625	39/64	3/32
0,875	0,500	0,250	0,5625	39/64	3/32
1,000	0,625	0,3125	0,6875	25/32	3/32
1,125	0,625	0,3125	0,6875	25/32	3/32
1,125	0,625	0,3125	0,6875	25/32	3/32
1,125	0,625	0,3125	0,6875	25/32	3/32
1,000	0,625	0,3125	0,6875	25/32	3/32
1,000	0,625	0,3125	0,6875	25/32	3/32
1,250	0,750	0,375	0,8125	63/64	3/32
1,250	0,750	0,375	0,8125	63/64	3/32
1,250	0,750	0,375	0,8125	63/64	3/32
1,375	0,750	0,375	0,8125	63/64	3/32
1,375	0,750	0,375	0,8125	63/64	3/32
1,375	0,750	0,375	0,8125	63/64	3/32
1,500	0,875	0,4375	0,9375	1 3/32	3/32
1,500	0,875	0,4375	0,9375	1 3/32	3/32
1,500	0,875	0,4375	0,9375	1 3/32	3/32
1,625	0,875	0,4375	0,9375	1 3/32	3/32
1,625	0,875	0,4375	0,9375	1 3/32	3/32
1,625	0,875	0,4375	0,9375	1 3/32	3/32
1,750	1,000	0,500	1,0625	1 1/4	3/32
1,750	1,000	0,500	1,0625	1 1/4	3/32
1,750	1,000	0,500	1,0625	1 1/4	3/32
1,875	1,000	0,500	1,0625	1 1/4	3/32
1,875	1,000	0,500	1,0625	1 1/4	3/32
1,875	1,000	0,500	1,0625	1 1/4	3/32

9

Designation/Type					Load Rating		Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH	INA	Static (lbs)	Dynamic (lbs)	
YCR-12	Y-24	CYR-3/4	YR-3/4	RF-12	4130	1660	0.03 kg
YCRS-12	Y-24-L	CYR-3/4-S	YR-3/4X	RF-12-PP	4130	1660	0.03 kg
YCRSC-12	CY-24-L	CCYR-3/4-S	YR-3/4XC	-	4130	1660	0.03 kg
YCR-14	Y-28	CYR-7/8	YR-7/8	RF-14	4130	1660	0.04 kg
YCRS-14	Y-28-L	CYR-7/8-S	YR-7/8X	RF-14-PP	4130	1660	0.04 kg
YCRSC-14	CY-28-L	CCYR-7/8-S	YR-7/8XC	-	4130	1660	0.04 kg
YCR-16	Y-32	CYR-1	YR-1	RF-16	6120	2225	0.07 kg
YCR-18	Y-36	CYR-1 1/8	YR-1 1/8	RF-18	6120	2225	0.08 kg
YCRS-18	Y-36-L	CYR-1 1/8-S	YR-1 1/8X	RF-18-PP	6120	2225	0.08 kg
YCRSC-18	CY-36-L	CCYR-1 1/8-S	YR-1 1/8XC	-	6120	2225	0.08 kg
YCRS-16	Y-32-L	CYR-1-S	YR-1X	RF-16-PP	6120	2225	0.07 kg
YCRSC-16	CY-32-L	CCYR-1-S	YR-1XC	-	6120	2225	0.07 kg
YCR-20	Y-40	CYR-1 1/4	YR-1 1/4	RF-20	8500	3930	0.11 kg
YCRS-20	Y-40-L	CYR-1 1/4-S	YR-1 1/4X	RF-20-PP	8500	3930	0.11 kg
YCRSC-20	CY-40-L	CCYR-1 1/4-S	YR-1 1/4XC	-	8500	3930	0.11 kg
YCR-22	Y-44	CYR-1 3/8	YR-1 3/8	RF-22	8500	3930	0.14 kg
YCRS-22	Y-44-L	CYR-1 3/8-S	YR-1 3/8X	RF-22-PP	8500	3930	0.14 kg
YCRSC-22	CY-44-L	CCYR-1 3/8-S	YR-1 3/8XC	-	8500	3930	0.14 kg
YCR-24	Y-48	CYR-1 1/2	YR-1 1/2	RF-24	11280	4840	0.19 kg
YCRS-24	Y-48-L	CYR-1 1/2-S	YR-1 1/2X	RF-24-PP	11280	4840	0.19 kg
YCRSC-24	CY-48-L	CCYR-1 1/2-S	YR-1 1/2XC	-	11280	4840	0.19 kg
YCR-26	Y-52	CYR-1 5/8	YR-1 5/8	RF-26	11280	4840	0.23 kg
YCRS-26	Y-52-L	CYR-1 5/8-S	YR-1 5/8X	RF-26-PP	11280	4840	0.23 kg
YCRSC-26	CY-52-L	CCYR-1 5/8-S	YR-1 5/8XC	-	11280	4840	0.23 kg
YCR-28	Y-56	CYR-1 3/4	YR-1 3/4	RF-28	15840	6385	0.29 kg
YCRS-28	Y-56-L	CYR-1 3/4-S	YR-1 3/4X	RF-28-PP	15840	6385	0.29 kg
YCRSC-28	CY-56-L	CCYR-1 3/4-S	YR-1 3/4XC	-	15840	6385	0.29 kg
YCR-30	Y-60	CYR-1 7/8	YR-1 7/8	RF-30	15840	6385	0.36 kg
YCRS-30	Y-60-L	CYR-1 7/8-S	YR-1 7/8X	RF-30-PP	15840	6385	0.36 kg
YCRSC-30	CY-60-L	CCYR-1 7/8-S	YR-1 7/8XC	-	15840	6385	0.36 kg



# Rodillos de Apoyo CYR

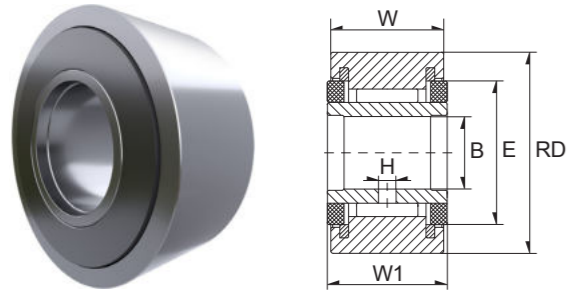


Dimension (mm)					
RD	W	B	W1	E	H
2,000	1,250	0,625	1,3125	1 13/32	3/32
2,250	1,250	0,625	1,3125	1 13/32	1/8
2,250	1,250	0,625	1,3125	1 13/32	1/8
2,250	1,250	0,625	1,3125	1 13/32	1/8
2,000	1,250	0,625	1,3125	1 13/32	3/32
2,000	1,250	0,625	1,3125	1 13/32	3/32
2,500	1,500	0,750	1,5625	1 11/16	1/8
2,500	1,500	0,750	1,5625	1 11/16	1/8
2,500	1,500	0,750	1,5625	1 11/16	1/8
2,750	1,500	0,750	1,5625	1 11/16	1/8
2,750	1,500	0,750	1,5625	1 11/16	1/8
2,750	1,500	0,750	1,5625	1 11/16	1/8
3,000	1,750	1,000	1,8125	2 1/8	1/8
3,250	1,750	1,000	1,8125	2 1/8	1/8
3,250	1,750	1,000	1,8125	2 1/8	1/8
3,250	1,750	1,000	1,8125	2 1/8	1/8
3,000	1,750	1,000	1,8125	2 1/8	1/8
3,000	1,750	1,000	1,8125	2 1/8	1/8
3,500	2,000	1,125	2,0625	2 7/16	1/8
3,500	2,000	1,125	2,0625	2 7/16	1/8
3,500	2,000	1,125	2,0625	2 7/16	1/8
4,000	2,250	1,250	2,3125	2 51/64	1/8
4,000	2,250	1,250	2,3125	2 51/64	1/8
4,000	2,250	1,250	2,3125	2 51/64	1/8
5,000	2,750	1,750	2,8750	3 9/16	3/16
5,000	2,750	1,750	2,8750	3 9/16	3/16
6,000	3,250	2,250	3,3750	4 15/32	3/16
6,000	3,250	2,250	3,3750	4 15/32	3/16
7,000	3,750	2,750	3,8750	5 3/16	3/16
7,000	3,750	2,750	3,8750	5 3/16	3/16



Designation/Type					Load Rating		Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH	INA	Static (lbs)	Dynamic (lbs)	
YCR-32	Y-64	CYR-2	YR-2	RF-32	21140	8090	0.48 kg
YCR-36	Y-72	CYR-2 1/4	YR-2 1/4	RF-36	21140	8090	0.60 kg
YCRS-36	Y-72-L	CYR-2 1/4-S	YR-2 1/4X	RF-36-PP	21140	8090	0.60 kg
YCRSC-36	CY-72-L	CCYR-2 1/4-S	YR-2 1/4XC	-	21140	8090	0.60 kg
YCRS-32	Y-64-L	CYR-2-S	YR-2X	RF-32-PP	21140	8090	0.48 kg
YCRSC-32	CY-64-L	CCYR-2-S	YR-2XC	-	21140	8090	0.48 kg
YCR-40	Y-80	CYR-2 1/2	YR-2 1/2	RF-40	32900	11720	0.82 kg
YCRS-40	Y-80-L	CYR-2 1/2-S	YR-2 1/2X	RF-40-PP	32900	11720	0.82 kg
YCRSC-40	CY-80-L	CCYR-2 1/2-S	YR-2 1/2XC	-	32900	11720	0.82 kg
YCR-44	Y-88	CYR-2 3/4	YR-2 3/4	RF-44	32900	11720	1.02 kg
YCRS-44	Y-88-L	CYR-2 3/4-S	YR-2 3/4X	RF-44-PP	32900	11720	1.02 kg
YCRSC-44	CY-88-L	CCYR-2 3/4-S	YR-2 3/4XC	-	32900	11720	1.02 kg
YCR-48	Y-96	CYR-3	YR-3	RF-48	49820	15720	1.41 kg
YCR-52	Y-104	CYR-3 1/4	YR-3 1/4	RF-52	49820	15720	1.64 kg
YCRS-52	Y-104-L	CYR-3 1/4-S	YR-3 1/4X	RF-52-PP	49820	15720	1.64 kg
YCRSC-52	CY-104-L	CCYR-3 1/4-S	YR-3 1/4XC	-	49820	15720	1.64 kg
YCRS-48	Y-96-L	CYR-3-S	YR-3X	RF-48-PP	49820	15720	1.41 kg
YCRSC-48	CY-96-L	CCYR-3-S	YR-3XC	-	49820	15720	1.41 kg
YCR-56	Y-112	CYR-3 1/2	YR-3 1/2	RF-56	63250	22800	2.25 kg
YCRS-56	Y-112-L	CYR-3 1/2-S	YR-3 1/2X	RF-56-PP	63250	22800	2.25 kg
YCRSC-56	CY-112-L	CCYR-3 1/2-S	YR-3 1/2XC	-	63250	22800	2.25 kg
YCR-64	Y-128	CYR-4	YR-4	RF-64	89540	29985	3.20 kg
YCRS-64	Y-128-L	CYR-4-S	YR-4X	RF-64-PP	89540	29985	3.20 kg
YCRSC-64	CY-128-L	CCYR-4-S	YR-4XC	-	89540	29985	0.48 kg
YCRS-80	Y-160-L	CYR-5-S	YR-5X	-	135900	46575	6.50 kg
YCRSC-80	CY-160-L	CCYR-5-S	YR-5XC	-	135900	46575	6.50 kg
YCRS-96	Y-192-L	CYR-6-S	YR-6X	-	160900	60000	9.14 kg
YCRSC-96	CY-192-L	CCYR-6-S	YR-6XC	-	160900	60000	9.14 kg
YCRS-112	Y-224-L	CYR-7-S	-	-	213860	75380	14.71 kg
YCRSC-112	CY-224-L	CCYR-7-S	-	-	213860	75380	14.71 kg

## Rodillos de Apoyo CYR



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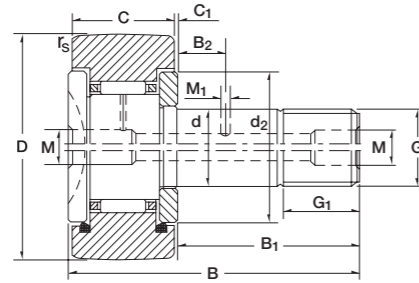
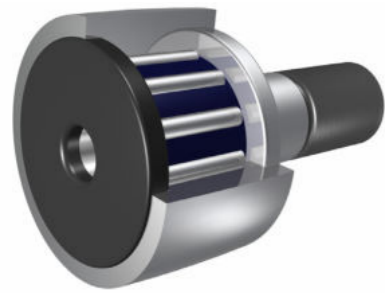
Dimension (mm)					
RD	W	B	W1	E	H
8,000	4,250	3,255	4,500	4 3/8	1/4
8,000	4,250	3,255	4,500	4 3/8	1/4
9,000	4,750	3,755	5,000	5 1/16	5/16
9,000	4,750	3,755	5,000	5 1/16	5/16
10,000	5,250	4,255	5,500	5 15/32	3/8
10,000	5,250	4,255	5,500	5 15/32	3/8



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Designation/Type					Load Rating		Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH	INA	Static (lbs)	Dynamic (lbs)	
-	-	CYR-8-S	-	-	288200	92200	21.45 kg
-	-	CCYR-8-S	-	-	288200	92200	21.45 kg
-	-	CYR-9-S	-	-	366850	113260	29.80 kg
-	-	CCYR-9-S	-	-	366850	113260	29.80 kg
-	-	CYR-10-S	-	-	431130	131545	40.46 kg
-	-	CCYR-10-S	-	-	431130	131545	40.46 kg

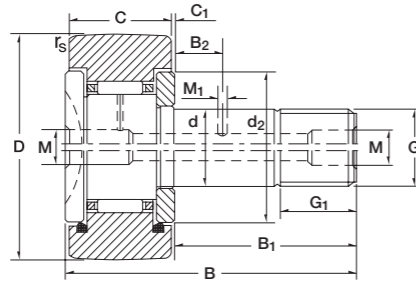
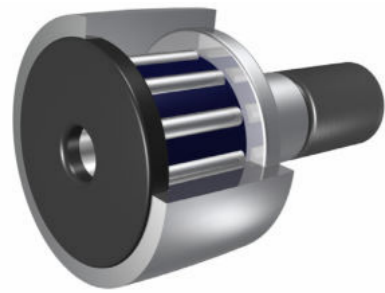
# Rodillos de Leva KR & NUKR



Dimensions (mm)				Outside Diameter (mm)	Designation /Type	Weight (g) approx.	With Eccentric Collar	Weight (g) approx.	Dimensions (mm)				
d	D	B	C						rs min	B1	B2	G	G1
6.0	16.0	28.0	11.0	16.0	KR 16	18 g	KRE 16	20 g	0.15	16	-	M6	8
6.0	16.0	28.0	11.0	16.0	KR 16PP	18 g	KRE 16PP	20 g	0.15	16	-	M6	8
6.0	16.0	28.0	11.0	16.0	KRV 16	20 g	KRV 16	22 g	0.15	16	-	M6	8
6.0	16.0	28.0	11.0	16.0	KRV 16PP	20 g	KRVE 16PP	22 g	0.15	16	-	M6	8
8.0	19.0	32.0	11.0	19.0	KR 19	28 g	KRE 19	31 g	0.15	20	-	M8	10
8.0	19.0	32.0	11.0	19.0	KR 19PP	28 g	KRE 19PP	31 g	0.15	20	-	M8	10
8.0	19.0	32.0	11.0	19.0	KRV 19	32 g	KRVE 19	35 g	0.15	20	-	M8	10
8.0	19.0	32.0	11.0	19.0	KRV 19PP	32 g	KRVE 19PP	35 g	0.15	20	-	M8	10
10.0	22.0	36.0	12.0	22.0	KR 22	44 g	KRE 22	48 g	0.3	23	-	M10X1	12
10.0	22.0	36.0	12.0	22.0	KR 22PP	44 g	KRE 22PP	48 g	0.3	23	-	M10X1	12
10.0	22.0	36.0	12.0	22.0	KRV 22	45 g	KRVE 22	49 g	0.3	23	-	M10X1	12
10.0	22.0	36.0	12.0	22.0	KRV 22PP	45 g	KRVE 22PP	49 g	0.3	23	-	M10X1	12
10.0	26.0	36.0	12.0	26.0	KR 26	58 g	KRE 26	62 g	0.3	23	-	M10X1	12
10.0	26.0	36.0	12.0	26.0	KR 26PP	58 g	KRE 26PP	62 g	0.3	23	-	M10X1	12
10.0	26.0	36.0	12.0	26.0	KRV 26	61 g	KRVE 26	65 g	0.3	23	-	M10X1	12
10.0	26.0	36.0	12.0	26.0	KRV 26PP	61 g	KRVE 26PP	65 g	0.3	23	-	M10X1	12
12.0	30.0	40.0	14.0	30.0	KR 30	87 g	KRE 30	93 g	0.6	25	6	M12X1.5	13
12.0	30.0	40.0	14.0	30.0	KR 30PP	87 g	KRE 30PP	93 g	0.6	25	6	M12X1.5	13
12.0	30.0	40.0	14.0	30.0	KRV 30	89 g	KRVE 30	95 g	0.6	25	6	M12X1.5	13
12.0	30.0	40.0	14.0	30.0	KRV 30PP	89 g	KRVE 30PP	95 g	0.6	25	6	M12X1.5	13
12.0	32.0	40.0	14.0	32.0	KR 32	98 g	KRE 32	104 g	0.6	25	6	M12X1.5	13
12.0	32.0	40.0	14.0	32.0	KR 32PP	98 g	KRE 32PP	104 g	0.6	25	6	M12X1.5	13
12.0	32.0	40.0	14.0	32.0	KRV 32	100 g	KRVE 32	106 g	0.6	25	6	M12X1.5	13
12.0	32.0	40.0	14.0	32.0	KRV 32PP	100 g	KRVE 32PP	106 g	0.6	25	6	M12X1.5	13
16.0	35.0	52.0	18.0	35.0	KR 35	169 g	KRE 35	182 g	0.6	32.5	8	M16X1.5	17
16.0	35.0	52.0	18.0	35.0	KR 35PP	169 g	KRE 35PP	182 g	0.6	32.5	8	M16X1.5	17
16.0	35.0	52.0	18.0	35.0	KRV 35	171 g	KRVE 35	184 g	0.6	32.5	8	M16X1.5	17
16.0	35.0	52.0	18.0	35.0	KRV 35PP	171 g	KRVE 35PP	184 g	0.6	32.5	8	M16X1.5	17
16.0	35.0	52.0	18.0	35.0	NUKR 35	164 g	NUKRE 35	177 g	0.6	32.5 <sup>(4)</sup>	8	M16X1.5	17
18.0	40.0	58.0	20.0	40.0	KR 40	274 g	KRE 40	263 g	1	36.5	8	M18X1.5	19

Dimensions (mm)							Nut Tightening Torque Ma Nm	Basic Load Ratings						Limiting Speed x1000 rpm
M	M1	C1	D	Eccentric Collar				Stud Type Track Roller						
				h9	B1	e		C N	Co N	Cw N	Cow N	Fr perm	For perm	
4 <sup>(6)</sup>	-	0.6	12	9	7	0.5	3	3800	3750	3150	3300	-	-	22.0
4 <sup>(6)</sup>	-	0.6	12	9	7	0.5	3	3800	3750	3150	3300	-	-	16.0
4 <sup>(6)</sup>	-	0.6	12	9	7	0.5	3	6400	8500	4850	6500	-	-	8.5
4 <sup>(6)</sup>	-	0.6	12	9	7	0.5	3	6400	8500	4850	6500	-	-	8.5
4 <sup>(6)</sup>	-	0.6	14	11	9	0.5	8	4250	4600	3500	3900	-	-	20.0
4 <sup>(6)</sup>	-	0.6	14	11	9	0.5	8	4250	4600	3500	3900	-	-	14.0
4 <sup>(6)</sup>	-	0.6	14	11	9	0.5	8	7300	10800	5500	7900	-	-	7.0
4 <sup>(6)</sup>	-	0.6	14	11	9	0.5	8	7300	10800	5500	7900	-	-	7.0
4	-	0.6	17	13	10	0.5	15	5700	6500	4450	5200	-	-	16.0
4	-	0.6	17	13	10	0.5	15	5700	6500	4450	5200	-	-	11.0
4	-	0.6	17	13	10	0.5	15	8600	12900	6300	9100	-	-	6.0
4	-	0.6	17	13	10	0.5	15	8600	12900	6300	9100	-	-	6.0
4	3	0.6	17	13	10	0.5	15	5700	6500	5100	6300	-	-	16.0
4	3	0.6	17	13	10	0.5	15	5700	6500	5100	6300	-	-	11.0
4	3	0.6	17	13	10	0.5	15	8600	12900	7300	11300	-	-	6.0
4	3	0.6	17	13	10	0.5	15	8600	12900	7300	11300	-	-	6.0
6	3	0.6	23	15	11	0.5	22	8100	9700	6800	8400	-	-	11.0
6	3	0.6	23	15	11	0.5	22	8100	9700	6800	8400	-	-	8.3
6	3	0.6	23	15	11	0.5	22	12200	19000	9500	14600	-	-	4.5
6	3	0.6	23	15	11	0.5	22	12200	19000	9500	14600	-	-	4.5
6	3	0.8	27	15	11	0.5	22	8100	9700	7100	9000	-	-	11.0
6	3	0.8	27	15	11	0.5	22	8100	9700	7100	9000	-	-	8.3
6	3	0.8	27	15	11	0.5	22	12200	19000	10000	15800	-	-	4.5
6	3	0.8	27	15	11	0.5	22	12200	19000	10000	15800	-	-	4.5
6	3	0.8	27	20	14	1	58	12900	19000	9700	14100	-	-	7.0
6	3	0.8	27	20	14	1	58	12900	19000	9700	14100	-	-	7.0
6	3	0.8	27	20	14	1	58	18300	35000	12800	23000	-	-	3.4
6	3	0.8	27	20	14	1	58	18300	35000	12800	23000	-	-	3.4
6	3	0.8 <sup>(4)</sup>	21 <sup>(4)</sup>	20	14	1	58	23000	27000	16000	18300	8300	16400	6.5
6	3	0.8	32	22	16	1	87	14200	20400	10900	15500	-	-	6.0

# Rodillos de Leva KR & NUKR



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Dimensions (mm)				Outside Diameter (mm)	Designation /Type	Weight (g) approx.	With Eccentric Collar	Weight (g) approx.	Dimensions (mm)				
d	D	B	C						rs min	B1	B2	G	G1
18.0	40.0	58.0	20.0	40.0	KR 40PP	247 g	KRE 40PP	263 g	1	36.5	8	M18X1.5	19
18.0	40.0	58.0	20.0	40.0	KRV 40	249 g	KRVE 40	265 g	1	36.5	8	M18X1.5	19
18.0	40.0	58.0	20.0	40.0	KRV 40PP	249 g	KRVE 40PP	265 g	1	36.5	8	M18X1.5	19
18.0	40.0	58.0	20.0	40.0	NUKR 40	242 g	NUKRE 40	258 g	1	36.5 <sup>(4)</sup>	8	M18X1.5	19
20.0	47.0	66.0	24.0	47.0	NUKR 47	380 g	NUKRE 47	400 g	1	40.5	9	-	21
24.0	72.0	80.0	28.0	72.0	NUKR 72	1020 g	NUKRE 72	1050 g	1	49.5	11	-	25

The suffix 'X' indicates a cylindrical outside surface, e.g. KR16X.

The basic load ratings 'C' and 'Cow' apply if the bearing out ring (with cylindrical outside surface) is mounted in a housing bore. When used as a track roller, the load ratings Cw and Cow apply

For oil lubrication, the speed can be increased by approximately 30%, except for sealed executions

NUKRE 35 B=31.5; C=1.8; D=24  
 NUKRE 40 B=35.5; C=1.8; D=26"

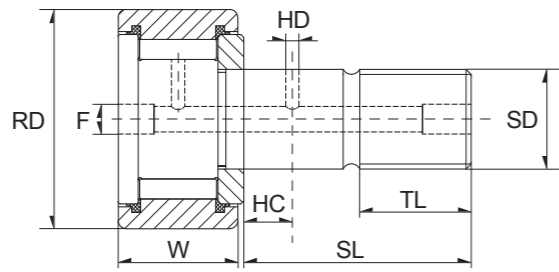
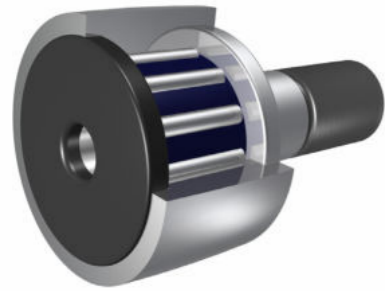
Lubrication hole is in the end face at the ribbed end of the stud only.



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Dimensions (mm)							Nut Tightening Torque Ma Nm	Basic Load Ratings						Limiting Speed x1000 rpm
M	M1	C1	D	Eccentric Collar				Stud Type Track Roller						
				h9	B1	e		C N	Co N	Cw N	Cow N	Fr perm	For perm	
6	3	0.8	32	22	16	1	87	14200	20400	10900	15500	-	-	6.0
6	3	0.8	32	22	16	1	87	21000	39500	14800	26500	-	-	2.9
6	3	0.8	32	22	16	1	87	21000	39500	14800	26500	-	-	2.9
6	3	0.8 <sup>(4)</sup>	23 <sup>(4)</sup>	22	16	1	87	24800	31000	18500	22800	13200	22800	5.5
6	4	0.8	27	24	18	1	120	28500	37500	19900	26000	16200	32500	4.2
8	4	1.3	44	28	22	1	220	45000	65000	31500	45500	31500	63000	2.6

# Rodillos de Leva en Pulgadas CF & CF...S

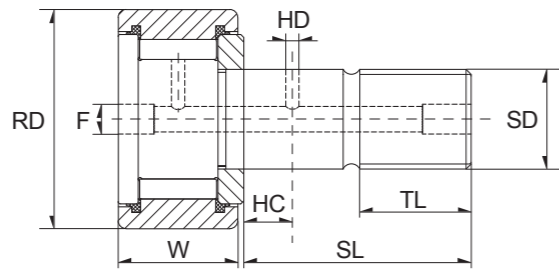
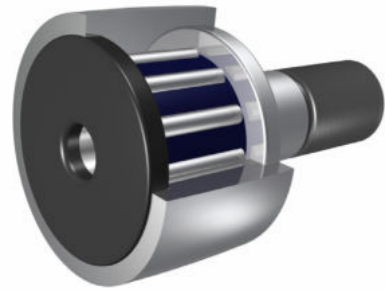


Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
0,500	0,375	0,190	5/8	1/4	10-32	-	-	1/8
0,500	0,344	0,190	1/2	1/4	10-32	-	-	1/8
0,500	0,344	0,190	1/2	1/4	10-32	-	-	1/8
0,500	0,375	0,190	5/8	1/4	10-32	-	-	1/8
0,5625	0,375	0,190	5/8	1/4	10-32	-	-	1/8
0,5625	0,375	0,190	5/8	1/4	10-32	-	-	1/8
0,625	0,4375	0,250	3/4	5/16	1/4-28	-	-	1/8
0,625	0,406	0,250	5/8	5/16	1/4-28	-	-	1/8
0,625	0,406	0,250	5/8	5/16	1/4-28	-	-	1/8
0,625	0,4375	0,250	3/4	5/16	1/4-28	-	-	1/8
0,6875	0,4375	0,250	3/4	5/16	1/4-28	-	-	1/8
0,6875	0,4375	0,250	3/4	5/16	1/4-28	-	-	1/8
0,750	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
0,750	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
0,875	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
0,875	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
1,000	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,000	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,125	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,125	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,250	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,250	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,375	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,375	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,500	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,500	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,625	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,625	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,750	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
1,750	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CR-8-1	S-16	CF-1/2	CR-1/2	15	790	680	0.02 kg
CR-8	-	CF-1/2-N	CR-1/2-A	15	720	620	0.02 kg
CRS-8	-	CF-1/2-N-S	CR-1/2-AX	15	720	620	0.02 kg
CRS-8-1	S-16-L	CF-1/2-S	CR-1/2X	15	790	680	0.02 kg
-	S-18	CF-9/16	CR-9/16	15	790	680	0.02 kg
-	S-18-L	CF-9/16-S	CR-9/16X	15	790	680	0.02 kg
CR-10-1	S-20	CF-5/8	CR-5/8	35	1215	955	0.02 kg
CR-10	-	CF-5/8-N	CR-5/8-A	35	1085	930	0.02 kg
CRS-10	-	CF-5/8-N-S	CR-5/8-AX	35	1085	930	0.02 kg
CRS-10-1	S-20-L	CF-5/8-S	CR-5/8X	35	1215	955	0.02 kg
-	S-22	CF-11/16	CR-11/16	35	1215	955	0.03 kg
-	S-22-L	CF-11/16-S	CR-11/16X	35	1215	955	0.03 kg
CR-12	S-24	CF-3/4	CR-3/4	95	2065	1660	0.03 kg
CRS-12	S-24-L	CF-3/4-S	CR-3/4X	95	2065	1660	0.03 kg
CR-14	S-28	CF-7/8	CR-7/8	95	2065	1660	0.04 kg
CRS-14	S-28-L	CF-7/8-S	CR-7/8X	95	2065	1660	0.04 kg
CR-16	S-32	CF-1	CR-1	250	3060	2225	0.08 kg
CRS-16	S-32-L	CF-1-S	CR-1X	250	3060	2225	0.08 kg
CR-18	S-36	CF-1 1/8	CR-1 1/8	250	3060	2225	0.09 kg
CRS-18	S-36-L	CF-1 1/8-S	CR-1 1/8X	250	3060	2225	0.09 kg
CR-20	S-40	CF-1 1/4	CR-1 1/4	350	4250	3930	0.14 kg
CRS-20	S-40-L	CF-1 1/4-S	CR-1 1/4X	350	4250	3930	0.14 kg
CR-22	S-44	CF-1 3/8	CR-1 3/8	350	4250	3930	0.16 kg
CRS-22	S-44-L	CF-1 3/8-S	CR-1 3/8X	350	4250	3930	0.16 kg
CR-24	S-48	CF-1 1/2	CR-1 1/2	650	5640	4840	0.24 kg
CRS-24	S-48-L	CF-1 1/2-S	CR-1 1/2X	650	5640	4840	0.24 kg
CR-26	S-52	CF-1 5/8	CR-1 5/8	650	5640	4840	0.27 kg
CRS-26	S-52-L	CF-1 5/8-S	CR-1 5/8X	650	5640	4840	0.27 kg
CR-28	S-56	CF-1 3/4	CR-1 3/4	1250	7920	6385	0.38 kg
CRS-28	S-56-L	CF-1 3/4-S	CR-1 3/4X	1250	7920	6385	0.38 kg

## Rodillos de Leva en Pulgadas CF & CF...S



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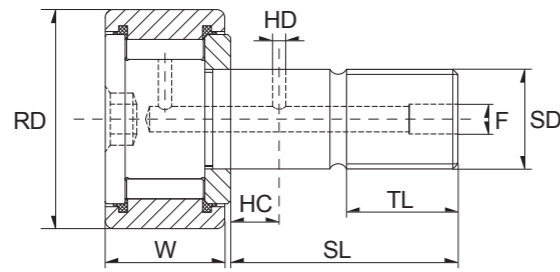
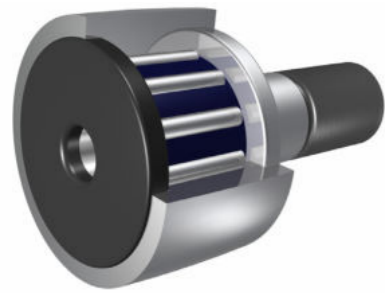
Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
1,875	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
1,875	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
2,000	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,000	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,250	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,250	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,500	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
2,500	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
2,750	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
2,750	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
3,000	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,000	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,250	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,250	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,500	2,000	1,75	2 3/4	1 3/8	1 3/8-12	11/16	1/8	1/4
3,500	2,000	1,75	2 3/4	1 3/8	1 3/8-12	11/16	1/8	1/4
4,000	2,250	1,500	3 1/2	1 1/2	1 1/2-12	3/4	1/8	1/4
4,000	2,250	1,500	3 1/2	1 1/2	1 1/2-12	3/4	1/8	1/4
5,000	2,750	2,000	5 1/16	2 9/16	2-12	7/8	3/16	1/4
6,000	3,250	2,500	6	3	2 1/2-12	1	3/16	1/4
7,000	3,750	3,000	7 11/16	4 1/8	3-12	1 1/4	3/16	1/4
8,000	4,250	3,250	8 1/2	4 1/4	3 1/4-4	-	-	1/4
9,000	4,750	3,750	9 1/2	4 3/4	3 1/2-4	-	-	1/4
10,000	5,250	4,250	10	4 3/4	3 1/2-4	-	-	1/4



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Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CR-30	S-60	CF-1 7/8	CR-1 7/8	1250	7920	6385	0.43 kg
CRS-30	S-60-L	CF-1 7/8-S	CR-1 7/8X	1250	7920	6385	0.43 kg
CR-32	S-64	CF-2	CR-2	1500	10570	8090	0.62 kg
CRS-32	S-64-L	CF-2-S	CR-2X	1500	10570	8090	0.62 kg
CR-36	S-72	CF-2 1/4	CR-2 1/4	1500	10570	8090	0.75 kg
CRS-36	S-72-L	CF-2 1/4-S	CR-2 1/4X	1500	10570	8090	0.75 kg
CR-40	S-80	CF-2 1/2	CR-2 1/2	2250	16450	11720	1.13 kg
CRS-40	S-80-L	CF-2 1/2-S	CR-2 1/2X	2250	16450	11720	1.13 kg
CR-44	S-88	CF-2 3/4	CR-2 3/4	2250	16450	11720	1.33 kg
CRS-44	S-88-L	CF-2 3/4-S	CR-2 3/4X	2250	16450	11720	1.33 kg
CR-48	S-96	CF-3	CR-3	3450	24910	15720	1.91 kg
CRS-48	S-96-L	CF-3-S	CR-3X	3450	24910	15720	1.91 kg
CR-52	S-104	CF-3 1/4	CR-3 1/4	3450	24910	15720	2.18 kg
CRS-52	S-104-L	CF-3 1/4-S	CR-3 1/4X	3450	24910	15720	2.18 kg
CR-56	S-112	CF-3 1/2	CR-3 1/2	4200	31625	22800	2.91 kg
CRS-56	S-112-L	CF-3 1/2-S	CR-3 1/2X	4200	31625	22800	2.91 kg
CR-64	S-128	CF- 4	CR-4	5000	44770	29985	4.29 kg
CRS-64	S-128-L	CF- 4-S	CR-4X	5000	44770	29985	4.29 kg
-	-	CF-5-S	CR-5X	5000	67950	46575	8.85 kg
-	-	CF-6-S	CR-6X	5000	80450	60000	14.85 kg
-	-	CF-7-S	CR-7X	5000	106930	75380	24.83 kg
-	-	CF-8-S	CR8X	5000	144100	92200	36.20 kg
-	-	CF-9-S	CR-9X	5000	183430	113260	50.65 kg
-	-	CF-10-S	CR-10X	5000	215565	131545	67.22 kg

# Rodillos de Leva en Pulgadas CF...B & CF...SB

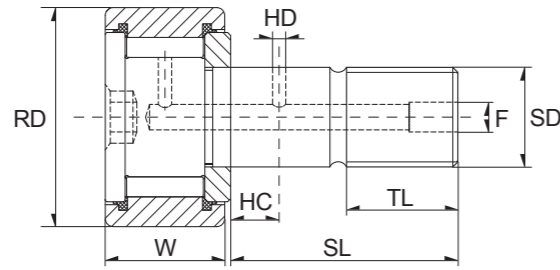
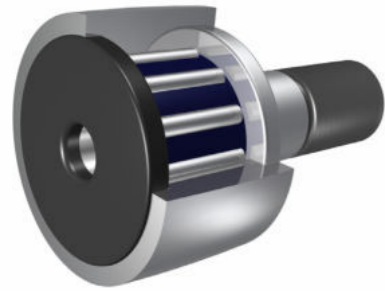


Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
0,500	0,344	0,190	1/2	1/4	10-32	-	-	-
0,500	0,375	0,190	5/8	1/4	10-32	-	-	-
0,500	0,344	0,190	1/2	1/4	10-32	-	-	-
0,500	0,375	0,190	5/8	1/4	10-32	-	-	-
0,5625	0,375	0,190	5/8	1/4	10-32	-	-	-
0,5625	0,375	0,190	5/8	1/4	10-32	-	-	-
0,625	0,406	0,250	5/8	5/16	1/4-28	-	-	-
0,625	0,4375	0,250	3/4	5/16	1/4-28	-	-	-
0,625	0,406	0,250	5/8	5/16	1/4-28	-	-	-
0,625	0,4375	0,250	3/4	5/16	1/4-28	-	-	-
0,6875	0,4375	0,250	3/4	5/16	1/4-28	-	-	-
0,6875	0,4375	0,250	3/4	5/16	1/4-28	-	-	-
0,750	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
0,750	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
0,875	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
0,875	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
1,000	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,000	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,125	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,125	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,250	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,250	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,375	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,375	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,500	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,500	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,625	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,625	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,750	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
1,750	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CRB-8	-	CF-1/2-N-B	CR-1/2-A-B	15	720	620	0.02 kg
CRB-8-1	-	CF-1/2-B	CR-1/2-B	15	790	680	0.02 kg
CRSB-8	-	CF-1/2-N-SB	CR-1/2-A-XB	15	720	620	0.02 kg
CRSB-8-1	S-16-LW	CF-1/2-SB	CR-1/2-XB	15	790	680	0.02 kg
-	-	CF-9/16-B	CR-9/16-B	15	790	680	0.02 kg
-	S-18-LW	CF-9/16-SB	CR-9/16-XB	15	790	680	0.02 kg
CRB-10	-	CF-5/8-N-B	CR-5/8-A-B	35	1085	930	0.02 kg
CRB-10-1	-	CF-5/8-B	CR-5/8-B	35	1215	955	0.02 kg
CRSB-10	-	CF-5/8-N-SB	CR-5/8-A-XB	35	1085	930	0.02 kg
CRSB-10-1	S-20-LW	CF-5/8-SB	CR-5/8-XB	35	1215	955	0.02 kg
-	-	CF-11/16-B	CR-11/16-B	35	1215	955	0.03 kg
-	S-22-LW	CF-11/16-SB	CR-11/16-XB	35	1215	955	0.03 kg
CRB-12	-	CF-3/4-B	CR-3/4-B	95	2065	1660	0.03 kg
CRSB-12	S-24-LW	CF-3/4-SB	CR-3/4-XB	95	2065	1660	0.03 kg
CRB-14	-	CF-7/8-B	CR-7/8-B	95	2065	1660	0.04 kg
CRSB-14	S-28-LW	CF-7/8-SB	CR-7/8-XB	95	2065	1660	0.04 kg
CRB-16	-	CF-1-B	CR-1-B	250	3060	2225	0.08 kg
CRSB-16	S-32-LW	CF-1-SB	CR-1-XB	250	3060	2225	0.08 kg
CRB-18	-	CF-1 1/8-B	CR-1 1/8-B	250	3060	2225	0.09 kg
CRSB-18	S-36-LW	CF-1 1/8-SB	CR-1 1/8-XB	250	3060	2225	0.09 kg
CRB-20	-	CF-1 1/4-B	CR-1 1/4-B	350	4250	3930	0.14 kg
CRSB-20	S-40-LW	CF-1 1/4-SB	CR-1 1/4-XB	350	4250	3930	0.14 kg
CRB-22	-	CF-1 3/8-B	CR-1 3/8-B	350	4250	3930	0.16 kg
CRSB-22	S-44-LW	CF-1 3/8-SB	CR-1 3/8-XB	350	4250	3930	0.16 kg
CRB-24	-	CF-1 1/2-B	CR-1 1/2-B	650	5640	4840	0.24 kg
CRSB-24	S-48-LW	CF-1 1/2-SB	CR-1 1/2-XB	650	5640	4840	0.24 kg
CRB-26	-	CF-1 5/8-B	CR-1 5/8-B	650	5640	4840	0.27 kg
CRSB-26	S-52-LW	CF-1 5/8-SB	CR-1 5/8-XB	650	5640	4840	0.27 kg
CRB-28	-	CF-1 3/4-B	CR-1 3/4-B	1250	7920	6385	0.38 kg
CRSB-28	S-56-LW	CF-1 3/4-SB	CR-1 3/4-XB	1250	7920	6385	0.38 kg

## Rodillos de Leva en Pulgadas CF...B & CF...SB



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Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
1,875	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
1,875	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
2,000	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,000	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,500	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
2,500	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
2,750	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
2,750	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
3,000	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,000	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,250	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
3,250	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,250	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
3,250	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,500	2,000	1,375	2 3/4	1 3/8	1 3/8-12	11/16	1/8	1/4
3,500	2,000	1,375	2 3/4	1 3/8	1 3/8-12	11/16	1/8	1/4
4,000	2,250	1,500	3 1/2	1 1/2	1 1/2-12	3/4	1/8	1/4
4,000	2,250	1,500	3 1/2	1 1/2	1 1/2-12	3/4	1/8	1/4

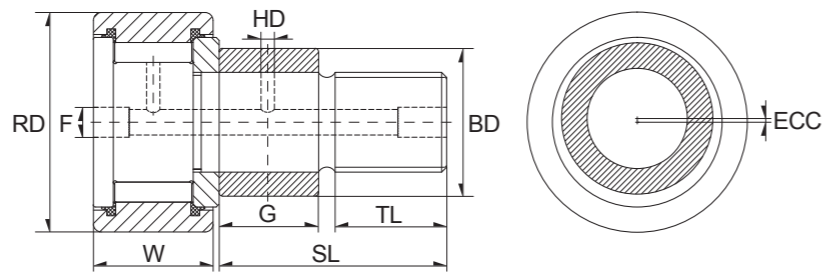
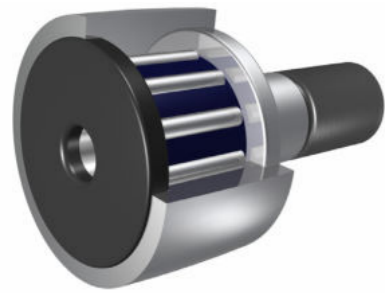


TORRINGTON	Designation/Type			Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
	RBC	ZEN	SMITH				
CRB-30	-	CF-1 7/8-B	CR-1 7/8-B	1250	7920	6385	0.43 kg
CRSB-30	S-60-LW	CF-1 7/8-SB	CR-1 7/8-XB	1250	7920	6385	0.43 kg
CRB-32	-	CF-2-B	CR-2-B	1500	10570	8090	0.62 kg
CRSB-32	S-64-LW	CF-2-SB	CR-2-XB	1500	10570	8090	0.62 kg
CRB-40	-	CF-2 1/2-B	CR-2 1/2-B	2250	16450	11720	1.13 kg
CRSB-40	S-80-LW	CF-2 1/2-SB	CR-2 1/2-XB	2250	16450	11720	1.13 kg
CRB-44	-	CF-2 3/4-B	CR-2 3/4-B	2250	16450	11720	1.33 kg
CRSB-44	S-88-LW	CF-2 3/4-SB	CR-2 3/4-XB	2250	16450	11720	1.33 kg
CRB-48	-	CF-3-B	CR-3-B	3450	24910	15720	1.91 kg
CRSB-48	S-96-LW	CF-3-SB	CR-3-XB	3450	24910	15720	1.91 kg
CRB-36	-	CF-2 1/4-B	CR-2 1/4-B	1500	10570	8090	0.75 kg
CRB-52	-	CF-3 1/4-B	CR-3 1/4-B	3450	24910	15720	2.18 kg
CRSB-36	S-72-LW	CF-2 1/4-SB	CR-2 1/4-XB	1500	10570	8090	0.75 kg
CRSB-52	S-104-LW	CF-3 1/4-SB	CR-3 1/4-XB	3450	24910	15720	2.18 kg
CRB-56	-	CF-3 1/2-B	CR-3 1/2-B	4200	31625	22800	2.91 kg
CRSB-56	S-112-LW	CF-3 1/2-SB	CR-3 1/2-XB	4200	31625	22800	2.91 kg
CRB-64	-	CF-4-B	CR-4-B	5000	44770	29985	4.29 kg
CRSB-64	S-128-LW	CF-4-SB	CR-4-XB	5000	44770	29985	4.29 kg

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# Rodillos de Leva en Pulgadas CFE & CFE...S

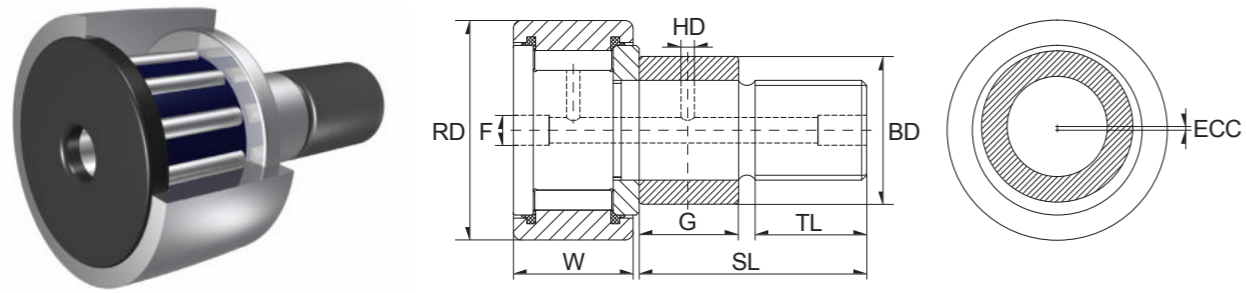


Dimension (inch)								
RD	W	G	BD	SL	TL	FINE THR'DS	ECC	F
0,500	0,375	0,375	0,250	5/8	1/4	10-32	0,010	1/8
0,500	0,375	0,375	0,250	5/8	1/4	10-32	0,010	1/8
0,5625	0,375	0,375	0,250	5/8	1/4	10-32	0,010	1/8
0,5625	0,375	0,375	0,250	5/8	1/4	10-32	0,010	1/8
0,625	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	1/8
0,625	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	1/8
0,6875	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	1/8
0,6875	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	1/8
0,750	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
0,750	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
0,875	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
0,875	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
1,000	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,000	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,125	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,125	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,250	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,250	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,375	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,375	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,500	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,500	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,625	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,625	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,750	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
1,750	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
1,875	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
1,875	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
2,000	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,000	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16



TORRINGTON	Designation/Type			Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
	RBC	ZEN	SMITH				
CRE-8-1	-	CFE-1/2	CR-1/2-E	15	790	680	0.02 kg
CRSE-8-1	-	CFE-1/2-S	CR-1/2-XE	15	790	680	0.02 kg
-	-	CFE-9/16	CR-9/16-E	15	790	680	0.02 kg
-	-	CFE-9/16-S	CR-9/16-XE	15	790	680	0.02 kg
CRE-10-1	-	CFE-5/8	CR-5/8-E	35	1215	955	0.02 kg
CRSE-10-1	-	CFE-5/8-S	CR-5/8-XE	35	1215	955	0.02 kg
-	-	CFE-11/16	CR-11/16-E	35	1215	955	0.03 kg
-	-	CFE-11/16-S	CR-11/16-XE	35	1215	955	0.03 kg
CRE-12	-	CFE-3/4	CR-3/4-E	95	2065	1660	0.03 kg
CRSE-12	-	CFE-3/4-S	CR-3/4-XE	95	2065	1660	0.03 kg
CRE-14	-	CFE-7/8	CR-7/8-E	95	2065	1660	0.04 kg
CRSE-14	-	CFE-7/8-S	CR-7/8-XE	95	2065	1660	0.04 kg
CRE-16	-	CFE-1	CR-1-E	250	3060	2225	0.08 kg
CRSE-16	-	CFE-1-S	CR-1-XE	250	3060	2225	0.08 kg
CRE-18	-	CFE-1 1/8	CR-1 1/8-E	250	3060	2225	0.09 kg
CRSE-18	-	CFE-1 1/8-S	CR-1 1/8-XE	250	3060	2225	0.09 kg
CRE-20	-	CFE-1 1/4	CR-1 1/4-E	350	4250	3930	0.14 kg
CRSE-20	-	CFE-1 1/4-S	CR-1 1/4-XE	350	4250	3930	0.14 kg
CRE-22	-	CFE-1 3/8	CR-1 3/8-E	350	4250	3930	0.16 kg
CRSE-22	-	CFE-1 3/8-S	CR-1 3/8-XE	350	4250	3930	0.16 kg
CRE-24	-	CFE-1 1/2	CR-1 1/2-E	650	5640	4840	0.24 kg
CRSE-24	-	CFE-1 1/2-S	CR-1 1/2-XE	650	5640	4840	0.24 kg
CRE-26	-	CFE-1 5/8	CR-1 5/8-E	650	5640	4840	0.27 kg
CRSE-26	-	CFE-1 5/8-S	CR-1 5/8-XE	650	5640	4840	0.27 kg
CRE-28	-	CFE-1 3/4	CR-1 3/4-E	1250	7920	6385	0.38 kg
CRSE-28	-	CFE-1 3/4-S	CR-1 3/4-XE	1250	7920	6385	0.38 kg
CRE-30	-	CFE-1 7/8	CR-1 7/8-E	1250	7920	6385	0.43 kg
CRSE-30	-	CFE-1 7/8-S	CR-1 7/8-XE	1250	7920	6385	0.43 kg
CRE-32	-	CFE-2	CR-2-E	1500	10570	8090	0.62 kg
CRSE-32	-	CFE-2-S	CR-2-XE	1500	10570	8090	0.62 kg

# Rodillos de Leva en Pulgadas CFE & CFE...S

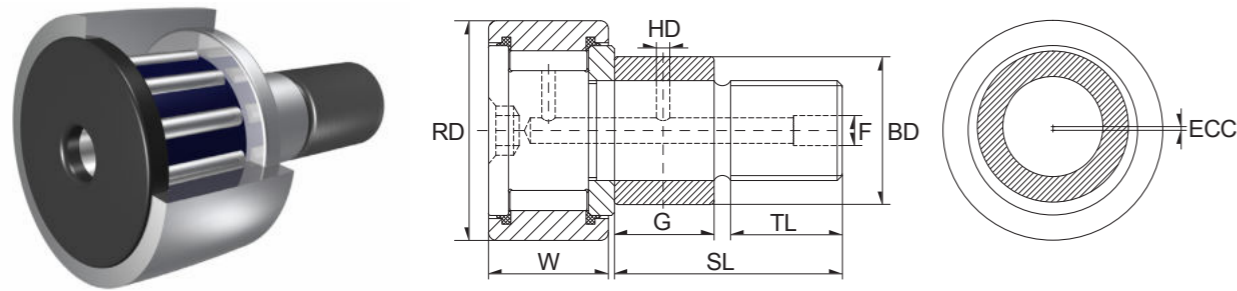


Dimension (inch)								
RD	W	G	BD	SL	TL	FINE THR'DS	ECC	F
2,250	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,250	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,500	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
2,500	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
2,750	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
2,750	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
3,000	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,000	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,250	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,250	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,500	2,000	1,375	1,812	2 3/4	1 3/8	1 3/8-12	0,060	1/4
3,500	2,000	1,375	1,812	2 3/4	1 3/8	1 3/8-12	0,060	1/4
4,000	2,250	2,000	2,000	3 1/2	1 1/2	1 1/2-12	0,060	1/4
4,000	2,250	2,000	2,000	3 1/2	1 1/2	1 1/2-12	0,060	1/4



TORRINGTON	Designation/Type			Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
	RBC	ZEN	SMITH				
CRE-36	-	CFE-2 1/4	CR-2 1/4-E	1500	10570	8090	0.75 kg
CRSE-36	-	CFE-2 1/4-S	CR-2 1/4-XE	1500	10570	8090	0.75 kg
CRE-40	-	CFE-2 1/2	CR-2 1/2-E	2250	16450	117200	1.13 kg
CRSE-40	-	CFE-2 1/2-S	CR-2 1/2-XE	2250	16450	117200	1.13 kg
CRE-44	-	CFE-2 3/4	CR-2 3/4-E	2250	16450	117200	1.33 kg
CRSE-44	-	CFE-2 3/4-S	CR-2 3/4-XE	2250	16450	117200	1.33 kg
CRE-48	-	CFE-3	CR-3-E	3450	24910	15720	1.91 kg
CRSE-48	-	CFE-3-S	CR-3-XE	3450	24910	15720	1.91 kg
CRE-52	-	CFE-3 1/4	CR-3 1/4-E	3450	14910	15720	2.18 kg
CRSE-52	-	CFE-3 1/4-S	CR-3 1/4-XE	3450	14910	15720	2.18 kg
CRE-56	-	CFE-3 1/2	CR-3 1/2-E	4200	31625	22800	2.91 kg
CRSE-56	-	CFE-3 1/2-S	CR-3 1/2-XE	4200	31625	22800	2.91 kg
CRE-64	-	CFE-4	CR-4-E	5000	44770	29985	4.29 kg
CRSE-64	-	CFE-4-S	CR-4-XE	5000	44770	29985	4.29 kg

# Rodillos de Leva en Pulgadas CFE...B & CFE...SB

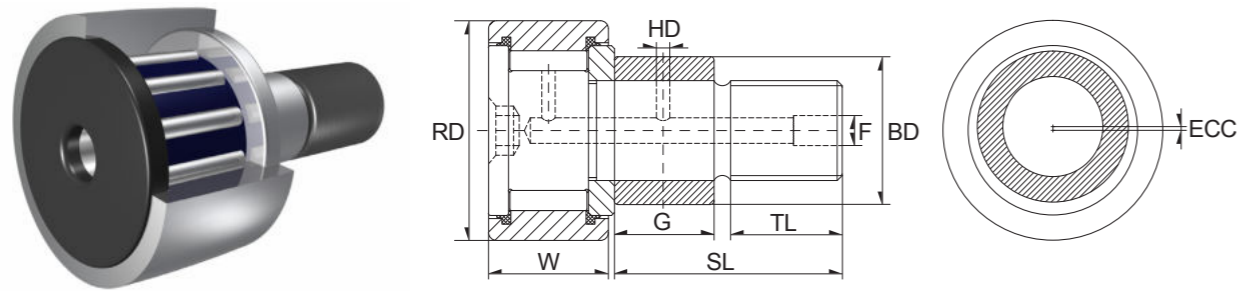


Dimension (inch)								
RD	W	G	BD	SL	TL	FINE THR'DS	ECC	F
0,500	0,344	0,250	0,250	1/2	1/4	10-32	0,010	-
0,500	0,375	0,375	0,250	5/8	1/4	10-32	0,010	-
0,500	0,344	0,250	0,250	1/2	1/4	10-32	0,010	-
0,500	0,375	0,375	0,250	5/8	1/4	10-32	0,010	-
0,5625	0,375	0,375	0,250	5/8	1/4	10-32	0,010	-
0,5625	0,375	0,375	0,250	5/8	1/4	10-32	0,010	-
0,625	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	-
0,625	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	-
0,6875	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	-
0,6875	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	-
0,750	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
0,750	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
0,875	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
0,875	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
1,000	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,000	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,125	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,125	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,250	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,250	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,375	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,375	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,500	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,500	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,625	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,625	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,750	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
1,750	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
1,875	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
1,875	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
-	-	CFE-1/2-N-B	CR-1/2-N-BE	15	720	620	0.02 kg
CRBE-8-1	-	CFE-1/2-B	CR-1/2-BE	15	790	680	0.02 kg
-	-	CFE-1/2-N-SB	CR-1/2-A-XBE	15	720	620	0.02 kg
CRSBE-8-1	S-16-LWX	CFE-1/2-SB	CR-1/2-XBE	15	790	680	0.02 kg
-	-	CFE-9/16-B	CR-9/16-BE	15	790	680	0.02 kg
-	S-18-LWX	CFE-9/16-SB	CR-9/16-XBE	15	790	680	0.02 kg
CRBE-10-1	-	CFE-5/8-B	CR-5/8-BE	35	1215	955	0.02 kg
CRSBE-10-1	S-20-LWX	CFE-5/8-SB	CR-5/8-XBE	35	1215	955	0.02 kg
-	-	CFE-11/16-B	CR-11/16-BE	35	1215	955	0.03 kg
-	S-22-LWX	CFE-11/16-SB	CR-11/16-XBE	35	1215	955	0.03 kg
CRBE-12	-	CFE-3/4-B	CR-3/4-BE	95	2065	1660	0.03 kg
CRSBE-12	S-24-LWX	CFE-3/4-SB	CR-3/4-XBE	95	2065	1660	0.03 kg
CRBE-14	-	CFE-7/8-B	CR-7/8-BE	95	2065	1660	0.04 kg
CRSBE-14	S-28-LWX	CFE-7/8-SB	CR-7/8-XBE	95	2065	1660	0.04 kg
CRBE-16	-	CFE-1-B	CR-1-BE	250	3060	2225	0.08 kg
CRSBE-16	S-32-LWX	CFE-1-SB	CR-1-XBE	250	3060	2225	0.08 kg
CRBE-18	-	CFE-1 1/8-B	CR-1 1/8-BE	250	3060	2225	0.09 kg
CRSBE-18	S-36-LWX	CFE-1 1/8-SB	CR-1 1/8-XBE	250	3060	2225	0.09 kg
CRBE-20	-	CFE-1 1/4-B	CR-1 1/4-BE	350	4250	3930	0.14 kg
CRSBE-20	S-40-LWX	CFE-1 1/4-SB	CR-1 1/4-XBE	350	4250	3930	0.14 kg
CRBE-22	-	CFE-1 3/8-B	CR-1 3/8-BE	350	4250	3930	0.16 kg
CRSBE-22	S-44-LWX	CFE-1 3/8-SB	CR-1 3/8-XBE	350	4250	3930	0.16 kg
CRBE-24	-	CFE-1 1/2-B	CR-1 1/2-BE	650	5640	4840	0.24 kg
CRSBE-24	S-48-LWX	CFE-1 1/2-SB	CR-1 1/2-XBE	650	5640	4840	0.24 kg
CRBE-26	-	CFE-1 5/8-B	CR-1 5/8-BE	650	5640	4840	0.27 kg
CRSBE-26	S-52-LWX	CFE-1 5/8-SB	CR-1 5/8-XBE	650	5640	4840	0.27 kg
CRBE-28	-	CFE-1 3/4-B	CR-1 3/4-BE	1250	7920	6385	0.38 kg
CRSBE-28	S-56-LWX	CFE-1 3/4-SB	CR-1 3/4-XBE	1250	7920	6385	0.38 kg
CRBE-30	-	CFE-1 7/8-B	CR-1 7/8-BE	1250	7920	6385	0.43 kg
CRSBE-30	S-60-LWX	CFE-1 7/8-SB	CR-1 7/8-XBE	1250	7920	6385	0.43 kg

Rodillos de Leva en Pulgadas CFE...B & CFE...SB

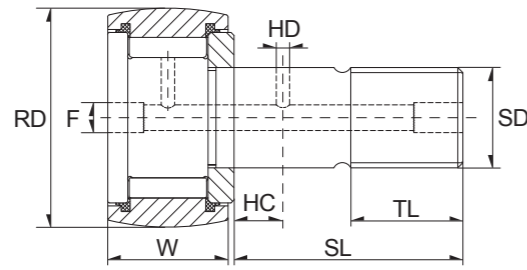
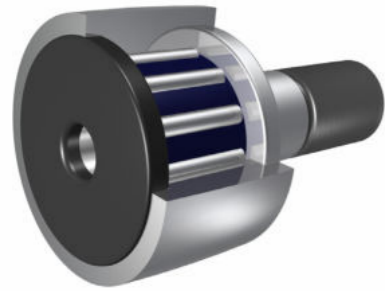


Dimension (inch)								
RD	W	G	BD	SL	TL	FINE THR'DS	ECC	F
2,000	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,000	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,250	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,250	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,500	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
2,500	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
2,750	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
2,750	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
3,000	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,000	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,250	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,250	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,500	2,000	1,375	1,812	2 3/4	1 3/8	1 3/8-12	0,060	1/4
3,500	2,000	1,375	1,812	2 3/4	1 3/8	1 3/8-12	0,060	1/4
4,000	2,250	2,000	2,000	3 1/2	1 1/2	1 1/2-12	0,060	1/4
4,000	2,250	2,000	2,000	3 1/2	1 1/2	1 1/2-12	0,060	1/4



TORRINGTON	Designation/Type			Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
	RBC	ZEN	SMITH				
CRBE-32	-	CFE-2-B	CR-2-BE	1500	10570	8090	0.62 kg
CRSBE-32	S-64-LWX	CFE-2-SB	CR-2-XBE	1500	10570	8090	0.62 kg
CRBE-36	-	CFE-2 1/4-B	CR-2 1/4-BE	1500	10570	8090	0.75 kg
CRSBE-36	S-72-LWX	CFE-2 1/4-SB	CR-2 1/4-XBE	1500	10570	8090	0.75 kg
CRBE-40	-	CFE-2 1/2-B	CR-2 1/2-BE	2250	16450	11720	1.13 kg
CRSBE-40	S-80-LWX	CFE-2 1/2-SB	CR-2 1/2-XBE	2250	16450	11720	1.13 kg
CRBE-44	-	CFE-2 3/4-B	CR-2 3/4-BE	2250	16450	11720	1.33 kg
CRSBE-44	S-88-LWX	CFE-2 3/4-SB	CR-2 3/4-XBE	2250	16450	11720	1.33 kg
CRBE-48	-	CFE-3-B	CR-3-BE	3450	24910	15720	1.91 kg
CRSBE-48	S-96-LWX	CFE-3-SB	CR-3-XBE	3450	24910	15720	1.91 kg
CRBE-52	-	CFE-3 1/4-B	CR-3 1/4-BE	3450	24910	15720	2.18 kg
CRSBE-52	S-104-LWX	CFE-3 1/4-SB	CR-3 1/4-XBE	3450	24910	15720	2.18 kg
CRBE-56	-	CFE-3 1/2-B	CR-3 1/2-BE	4200	31625	22800	2.91 kg
CRSBE-56	S-112-LWX	CFE-3 1/2-SB	CR-3 1/2-XBE	4200	31625	22800	2.91 kg
CRBE-64	-	CFE-4-B	CR-4-BE	5000	44770	29985	4.29 kg
CRSBE-64	S-128-LWX	CFE-4-SB	CR-4-XBE	5000	44770	29985	4.29 kg

# Rodillos de Leva en Pulgadas CCF...S

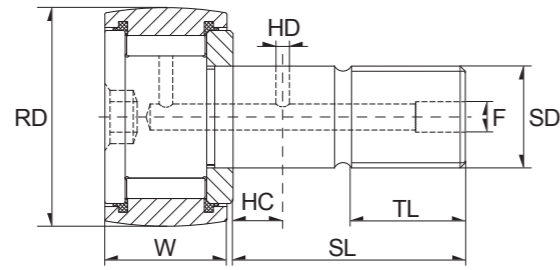
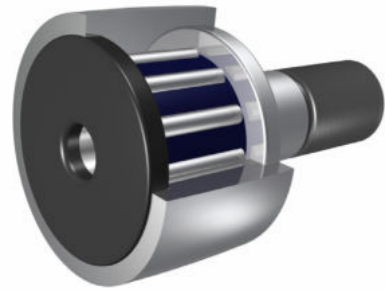


Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
0,500	0,344	0,190	1/2	1/4	10-32	-	-	1/8
0,500	0,375	0,190	5/8	1/4	10-32	-	-	1/8
0,5625	0,375	0,190	5/8	1/4	10-32	-	-	1/8
0,625	0,406	0,250	5/8	5/16	1/4-28	-	-	1/8
0,625	0,4375	0,250	3/4	5/16	1/4-28	-	-	1/8
0,6875	0,4375	0,250	3/4	5/16	1/4-28	-	-	1/8
0,750	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
0,875	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
1,000	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,125	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,250	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,375	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,500	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,625	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,750	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
1,875	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
2,000	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,250	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,500	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
2,750	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
3,000	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,250	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,500	2,000	1,375	2 3/4	1 3/8	1 3/8-12	11/16	1/8	1/4
4,000	2,250	1,500	3 1/2	1 1/2	1 1/2-12	3/4	1/8	1/4
5,000	2,750	2,000	5 1/16	2 9/16	2-12	7/8	3/16	1/4
6,000	3,250	2,500	6	3	2 1/2-12	1	3/16	1/4
7,000	3,750	3,000	7 11/16	4 1/8	3-12	1 1/4	3/16	1/4
8,000	4,250	3,250	8 1/2	4 1/4	3 1/4-4	-	-	1/4
9,000	4,750	3,750	9 1/2	4 3/4	3 1/2-4	-	-	1/4
10,000	2,250	4,250	10	4 3/4	3 1/2-4	-	-	1/4



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
-	-	CCF-1/2-N-S	CR-1/2-A-XC	15	720	620	0.02 kg
CRSC-8-1	-	CCF-1/2-S	CR-1/2-XC	15	790	680	0.02 kg
-	-	CCF-9/16-S	CR-9/16-XC	15	790	680	0.02 kg
-	-	CCF-5/8-N-S	CR-5/8-A-XC	35	1085	930	0.02 kg
CRSC-10-1	-	CCF-5/8-S	CR-5/8-XC	35	1215	955	0.02 kg
-	-	CCF-11/16-S	CR-11/16-XC	35	1215	955	0.03 kg
CRSC-12	CS-24-L	CCF-3/4-S	CR-3/4-XC	95	2065	1660	0.03 kg
CRSC-14	CS-28-L	CCF-7/8-S	CR-7/8-XC	95	2065	1660	0.04 kg
CRSC-16	CS-32-L	CCF-1-S	CR-1-XC	250	3060	2225	0.08 kg
CRSC-18	CS-36-L	CCF-1 1/8-S	CR-1 1/8-XC	250	3060	2225	0.09 kg
CRSC-20	CS-40-L	CCF-1 1/4-S	CR-1 1/4-XC	350	4250	3930	0.14 kg
CRSC-22	CS-44-L	CCF-1 3/8-S	CR-1 3/8-XC	350	4250	3930	0.16 kg
CRSC-24	CS-48-L	CCF-1 1/2-S	CR-1 1/2-XC	650	5640	4840	0.24 kg
CRSC-26	CS-52-L	CCF-1 5/8-S	CR-1 5/8-XC	650	5640	4840	0.27 kg
CRSC-28	CS-56-L	CCF-1 3/4-S	CR-1 3/4-XC	1250	7920	6385	0.38 kg
CRSC-30	CS-60-L	CCF-1 7/8-S	CR-1 7/8-XC	1250	7920	6385	0.43 kg
CRSC-32	CS-64-L	CCF-2-S	CR-2-XC	1500	10570	8090	0.62 kg
CRSC-36	CS-72-L	CCF-2 1/4-S	CR-2 1/4-XC	1500	10570	8090	0.75 kg
CRSC-40	CS-80-L	CCF-2 1/2-S	CR-2 1/2-XC	2250	16450	11720	1.13 kg
CRSC-44	CS-88-L	CCF-2 3/4-S	CR-2 3/4-XC	2250	16450	11720	1.33 kg
CRSC-48	CS-96-L	CCF-3-S	CR-3-XC	3450	24910	15720	1.91 kg
CRSC-52	CS-104-L	CCF-3 1/4-S	CR-3 1/4-XC	3450	24910	15720	2.18 kg
CRSC-56	CS-112-L	CCF-3 1/2-S	CR-3 1/2-XC	4200	31625	22800	2.91 kg
CRSC-64	CS-128-L	CCF-4-S	CR-4-XC	5000	44770	29985	4.29 kg
-	-	CCF-5-S	CR-5-XC	5000	67950	46575	8.89 kg
-	-	CCF-6-S	CR-6-XC	5000	80450	60000	14.85 kg
-	-	CCF-7-S	CR-7-XC	5000	106930	75380	24.83 kg
-	-	CCF-8-S	CR-8-XC	5000	144100	92200	36.20 kg
-	-	CCF-9-S	CR-9-XC	5000	183430	113260	50.62 kg
-	-	CCF-10-S	CR-10-XC	5000	215565	131545	67.22 kg

# Rodillos de Leva en Pulgadas CCF...SB

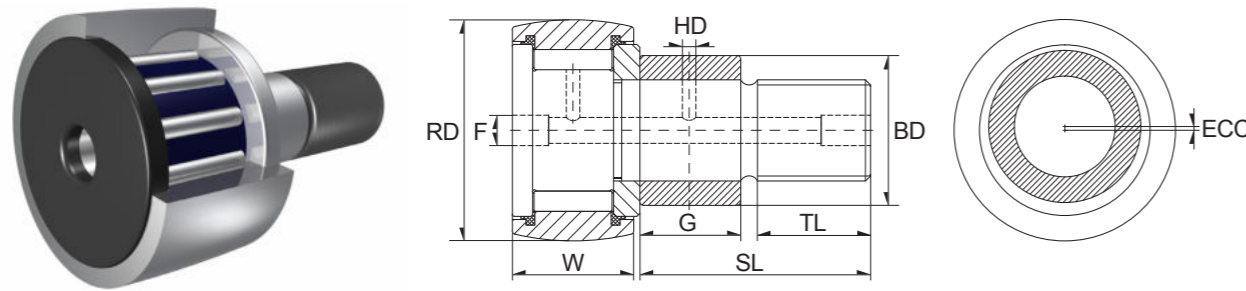


Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
0,500	0,344	0,190	1/2	1/4	10-32	-	-	-
0,500	0,375	0,190	5/8	1/4	10-32	-	-	-
0,5625	0,375	0,190	5/8	1/4	10-32	-	-	-
0,625	0,406	0,250	5/8	5/16	1/4-28	-	-	-
0,625	0,4375	0,250	3/4	5/16	1/4-28	-	-	-
0,6875	0,4375	0,250	3/4	5/16	1/4-28	-	-	-
0,750	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
0,875	0,500	0,375	7/8	3/8	3/8-24	1/4	3/32	3/16
1,000	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,125	0,625	0,4375	1	1/2	7/16-20	1/4	3/32	3/16
1,250	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,500	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,625	0,875	0,625	1 1/2	3/4	5/8-18	3/8	3/32	3/16
1,750	0,750	0,500	1 1/4	5/8	1/2-20	5/16	3/32	3/16
1,750	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
1,875	1,000	0,750	1 3/4	7/8	3/4-16	7/16	3/32	3/16
2,000	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,250	1,250	0,875	2	1	7/8-14	1/2	1/8	3/16
2,500	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
2,750	1,500	1,000	2 1/4	1 1/8	1-14	9/16	1/8	3/16
3,000	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,250	1,750	1,250	2 1/2	1 1/4	1 1/4-12	5/8	1/8	1/4
3,500	2,000	1,375	2 3/4	1 3/8	1 3/8-12	11/16	1/8	1/4
4,000	2,250	1,500	3 1/2	1 1/2	1 1/2-12	3/4	1/8	1/4



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
-	-	CCF-1/2-N-SB	CR-1/2-A-XBC	15	720	620	0.02 kg
CRSBC-8-1	CS-16-LW	CCF-1/2-SB	CR-1/2-XBC	15	790	680	0.02 kg
-	CS-18-LW	CCF-9/16-SB	CR-9/16-XBC	15	790	680	0.02 kg
-	-	CCF-5/8-N-SB	CR-5/8-A-XBC	35	1085	930	0.02 kg
CRSBC-10-1	CS-20-LW	CCF-5/8-SB	CR-5/8-XBC	35	1215	955	0.02 kg
-	CS-22-LW	CCF-11/16-SB	CR-11/16-XBC	35	1215	955	0.03 kg
CRSBC-12	CS-24-LW	CCF-3/4-SB	CR-3/4-XBC	95	2065	1660	0.03 kg
CRSBC-14	CS-28-LW	CCF-7/8-SB	CR-7/8-XBC	95	2065	1660	0.04 kg
CRSBC-16	CS-32-LW	CCF-1-SB	CR-1-XBC	250	3060	2225	0.08 kg
CRSBC-18	CS-36-LW	CCF-1 1/8-SB	CR-1 1/8-XBC	250	3060	2225	0.09 kg
CRSBC-20	CS-40-LW	CCF-1 1/4-SB	CR-1 1/4-XBC	350	4250	3930	0.14 kg
CRSBC-24	CS-48-LW	CCF-1 1/2-SB	CR-1 1/2-XBC	650	5640	4840	0.24 kg
CRSBC-26	CS-52-LW	CCF-1 5/8-SB	CR-1 5/8-XBC	650	5640	4840	0.27 kg
CRSBC-22	CS-44-LW	CCF-1 3/8-SB	CR-1 3/8-XBC	350	4250	3930	0.16 kg
CRSBC-28	CS-56-LW	CCF-1 3/4-SB	CR-1 3/4-XBC	1250	7920	6385	0.38 kg
CRSBC-30	CS-60-LW	CCF-1 7/8-SB	CR-1 7/8-XBC	1250	7920	6385	0.43 kg
CRSBC-32	CS-64-LW	CCF-2-SB	CR-2-XBC	1500	10570	8090	0.62 kg
CRSBC-36	CS-72-LW	CCF-2 1/4-SB	CR-2 1/4-XBC	1500	10570	8090	0.75 kg
CRSBC-40	CS-80-LW	CCF-2 1/2-SB	CR-2 1/2-XBC	2250	16450	11720	1.13 kg
CRSBC-44	CS-88-LW	CCF-2 3/4-SB	CR-2 3/4-XBC	2250	16450	11720	1.33 kg
CRSBC-48	CS-96-LW	CCF-3-SB	CR-3-XBC	3450	24910	15720	1.91 kg
CRSBC-52	CS-104-LW	CCF-3 1/4-SB	CR-3 1/4-XBC	3450	24910	15720	2.18 kg
CRSBC-56	CS-112-LW	CCF-3 1/2-SB	CR-3 1/2-XBC	4200	31625	22800	2.91 kg
CRSBC-64	CS-128-LW	CCF-4-SB	CR-4-XBC	5000	44770	29985	4.29 kg

# Rodillos de Leva en Pulgadas CCFE...S

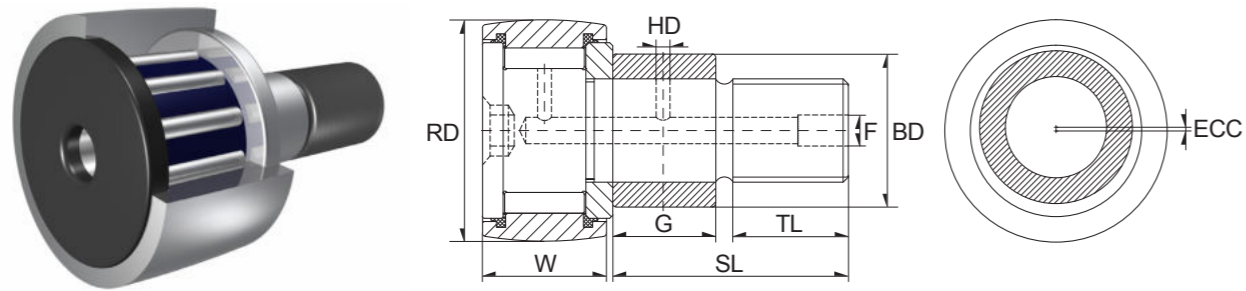


Dimension (inch)								
RD	W	G	BD	SL	TL	FINE THR'DS	EEC	F
0,375	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
0,500	0,344	0,250	0,250	1/2	1/4	10-32	0,010	1/8
0,500	0,375	0,375	0,250	5/8	1/4	10-32	0,010	1/8
0,562	0,375	0,375	0,250	5/8	1/4	10-32	0,010	1/8
0,625	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	1/8
0,687	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	1/8
0,750	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
0,875	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
1,000	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,125	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,250	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,500	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,625	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,750	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
1,875	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
2,000	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,250	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,500	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
2,750	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
3,000	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,250	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,500	2,000	1,375	1,812	2 3/4	1 3/8	1 3/8-12	0,060	1/4
4,000	2,250	2,000	2,000	3 1/2	1 1/2	1 1/2-12	0,060	1/4



TORRINGTON	Designation/Type			Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
	RBC	ZEN	SMITH				
CRSCE-22	-	CCFE-1 3/8-S	CR-1 3/8-XEC	350	4250	3930	0.16 kg
-	-	CCFE-1/2-N-S	CR-1/2-A-XEC	15	720	620	0.02 kg
CRSCE-8-1	-	CCFE-1/2-S	CR-1/2-XEC	15	790	680	0.02 kg
-	-	CCFE-9/16-S	CR-9/16-XEC	15	790	680	0.02 kg
CRSCE-10-1	-	CCFE-5/8-S	CR-5/8-XEC	35	1215	955	0.02 kg
-	-	CCFE-11/16-S	CR-11/16-XEC	35	1215	955	0.03 kg
CRSCE-12	-	CCFE-3/4-S	CR-3/4-XEC	95	2065	1660	0.03 kg
CRSCE-14	-	CCFE-7/8-S	CR-7/8-XEC	95	2065	1660	0.04 kg
CRSCE-16	-	CCFE-1-S	CR-1-XEC	250	3060	2225	0.08 kg
CRSCE-18	-	CCFE-1 1/8-S	CR-1 1/8-XEC	250	3060	2225	0.09 kg
CRSCE-20	-	CCFE-1 1/4-S	CR-1 1/4-XEC	350	4250	3930	0.14 kg
CRSCE-24	-	CCFE-1 1/2-S	CR-1 1/2-XEC	650	5640	4840	0.24 kg
CRSCE-26	-	CCFE-1 5/8-S	CR-1 5/8-XEC	650	5640	4840	0.27 kg
CRSCE-28	-	CCFE-1 3/4-S	CR-1 3/4-XEC	1250	7920	6385	0.38 kg
CRSCE-30	-	CCFE-1 7/8-S	CR-1 7/8-XEC	1250	7920	6385	0.43 kg
CRSCE-32	-	CCFE-2-S	CR-2-XEC	1500	10570	8090	0.62 kg
CRSCE-36	-	CCFE-2 1/4-S	CR-2 1/4-XEC	1500	10570	8090	0.75 kg
CRSCE-40	-	CCFE-2 1/2-S	CR-2 1/2-XEC	2250	16450	11720	1.13 kg
CRSCE-44	-	CCFE-2 3/4-S	CR-2 3/4-XEC	2250	16450	11720	1.33 kg
CRSCE-48	-	CCFE-3-S	CR-3-XEC	3450	24910	15720	1.91 kg
CRSCE-52	-	CCFE-3 1/4-S	CR-3 1/4-XEC	3450	24910	15720	2.18 kg
CRSCE-56	-	CCFE-3 1/2-S	CR-3 1/2-XEC	4200	31625	22800	2.91 kg
CRSCE-64	-	CCFE-4-S	CR-4-XEC	5000	44770	29985	4.29 kg

# Rodillos de Leva en Pulgadas CCFE...SB



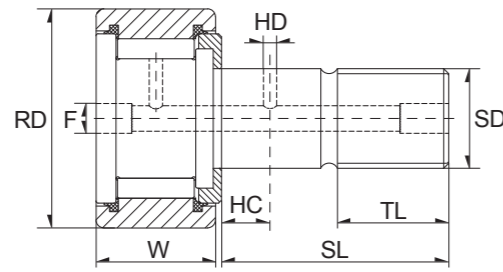
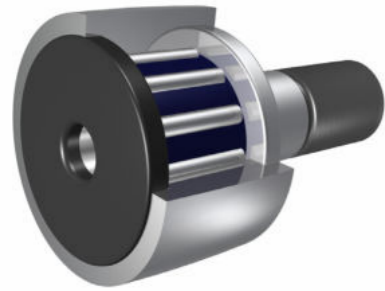
Dimension (inch)								
RD	W	G	BD	SL	TL	FINE THR'DS	EEC	F
0,375	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
0,500	0,344	0,250	0,250	1/2	1/4	10-32	0,010	-
0,500	0,375	0,375	0,250	5/8	1/4	10-32	0,010	-
0,562	0,375	0,375	0,250	5/8	1/4	10-32	0,010	-
0,625	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	-
0,687	0,4375	0,437	0,375	3/4	5/16	1/4-28	0,015	-
0,750	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
0,875	0,500	0,500	0,500	7/8	3/8	3/8-24	0,015	3/16
1,000	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,125	0,625	0,500	0,625	1	1/2	7/16-20	0,030	3/16
1,250	0,750	0,625	0,687	1 1/4	5/8	1/2-20	0,030	3/16
1,500	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,625	0,875	0,750	0,875	1 1/2	3/4	5/8-18	0,030	3/16
1,750	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
1,875	1,000	0,875	1,000	1 3/4	7/8	3/4-16	0,030	3/16
2,000	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,250	1,250	1,000	1,187	2	1	7/8-14	0,030	3/16
2,500	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
2,750	1,500	1,125	1,375	2 1/4	1 1/8	1-14	0,030	3/16
3,000	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,250	1,750	1,250	1,750	2 1/2	1 1/4	1 1/4-12	0,060	1/4
3,500	2,000	1,375	1,812	2 3/4	1 3/8	1 3/8-12	0,060	1/4
4,000	2,250	2,000	2,000	3 1/2	1 1/2	1 1/2-12	0,060	1/4



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CRSBCE-22	CS-44-LWX	CCFE-1 3/8-SB	CR-1 3/8-XBEC	350	4250	3930	0.16 kg
-	-	CCFE-1/2-N-SB	CR-1/2-A-XBEC	15	720	620	0.02 kg
CRSBCE-8-1	CS-16-LWX	CCFE-1/2-SB	CR-1/2-XBEC	15	790	680	0.02 kg
-	CS-18-LWX	CCFE-9/16-SB	CR-9/16-XBEC	15	790	680	0.02 kg
CRSBCE-10-1	CS-20-LWX	CCFE-5/8-SB	CR-5/8-XBEC	35	1215	955	0.02 kg
-	CS-22-LWX	CCFE-11/16-SB	CR-11/16-XBEC	35	1215	955	0.03 kg
CRSBCE-12	CS-24-LWX	CCFE-3/4-SB	CR-3/4-XBEC	95	2065	1660	0.03 kg
CRSBCE-14	CS-28-LWX	CCFE-7/8-SB	CR-7/8-XBEC	95	2065	1660	0.04 kg
CRSBCE-16	CS-32-LWX	CCFE-1-SB	CR-1-XBEC	250	3060	2225	0.08 kg
CRSBCE-18	CS-36-LWX	CCFE-1 1/8-SB	CR-1 1/8-XBEC	250	3060	2225	0.09 kg
CRSBCE-20	CS-40-LWX	CCFE-1 1/4-SB	CR-1 1/4-XBEC	350	4250	3930	0.14 kg
CRSBCE-24	CS-48-LWX	CCFE-1 1/2-SB	CR-1 1/2-XBEC	650	5640	4840	0.24 kg
CRSBCE-26	CS-52-LWX	CCFE-1 5/8-SB	CR-1 5/8-XBEC	650	5640	4840	0.27 kg
CRSBCE-28	CS-56-LWX	CCFE-1 3/4-SB	CR-1 3/4-XBEC	1250	7920	6385	0.38 kg
CRSBCE-30	CS-60-LWX	CCFE-1 7/8-SB	CR-1 7/8-XBEC	1250	7920	6385	0.43 kg
CRSBCE-32	CS-64-LWX	CCFE-2-SB	CR-2-XBEC	1500	10570	8090	0.62 kg
CRSBCE-36	CS-72-LWX	CCFE-2 1/4-SB	CR-2 1/4-XBEC	1500	10570	8090	0.75 kg
CRSBCE-40	CS-80-LWX	CCFE-2 1/2-SB	CR-2 1/2-XBEC	2250	16450	11720	1.13 kg
CRSBCE-44	CS-88-LWX	CCFE-2 3/4-SB	CR-2 3/4-XBEC	2250	16450	11720	1.33 kg
CRSBCE-48	CS-96-LWX	CCFE-3-SB	CR-3-XBEC	3450	24910	15720	1.91 kg
CRSBCE-52	CS-104-LWX	CCFE-3 1/4-SB	CR-3 1/4-XBEC	3450	24910	15720	2.20 kg
CRSBCE-56	CS-112-LWX	CCFE-3 1/2-SB	CR-3 1/2-XBEC	4200	31625	22800	2.91 kg
CRSBCE-64	CS-128-LWX	CCFE-4-SB	CR-4-XBEC	5000	44770	29985	4.29 kg



# Rodillos de Leva en Pulgadas CFH & CFH...S

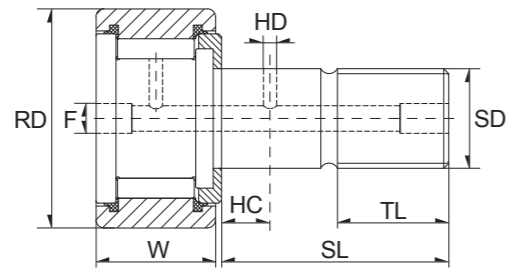
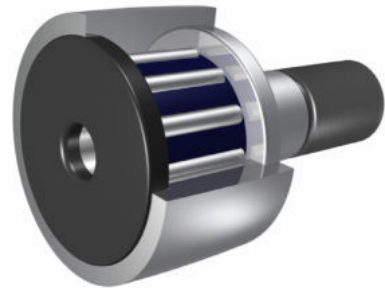


Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
0,500	0,375	0,250	5/8	1/4	1/4-28	-	-	1/8
0,500	0,375	0,250	5/8	1/4	1/4-28	-	-	1/8
0,562	0,375	0,250	5/8	1/4	1/4-28	-	-	1/8
0,562	0,375	0,250	5/8	1/4	1/4-28	-	-	1/8
0,625	0,4375	0,3125	3/4	5/16	5/16-24	-	-	1/8
0,625	0,4375	0,3125	3/4	5/16	5/16-24	-	-	1/8
0,687	0,4375	0,3125	3/4	5/16	5/16-24	-	-	1/8
0,687	0,4375	0,3125	3/4	5/16	5/16-24	-	-	1/8
0,750	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
0,750	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
0,875	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
0,875	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
1,000	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,000	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,125	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,125	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,250	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,250	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,375	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,375	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,500	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,500	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,625	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,625	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,750	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
1,750	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
1,875	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
1,875	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
2,000	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,000	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CRH-8-1	-	CFH-1/2	HR-1/2	35	1580	680	0.18 kg
CRHS-8-1	-	CFH-1/2-S	HR-1/2-X	35	1580	680	0.02 kg
-	-	CFH-9/16	HR-9/16	35	1580	680	0.02 kg
-	-	CFH-9/16-S	HR-9/16-X	35	1580	680	0.02 kg
CRH-10-1	-	CFH-5/8	HR-5/8	90	2480	955	0.02 kg
CRHS-10-1	-	CFH-5/8-S	HR-5/8-X	90	2480	955	0.02 kg
-	-	CFH-11/16	HR-11/16	90	2480	955	0.03 kg
-	-	CFH-11/16-S	HR-11/16-X	90	2480	955	0.03 kg
CRH-12	H-24	CFH-3/4	HR-3/4	250	4130	1660	0.04 kg
CRHS-12	H-24-L	CFH-3/4-S	HR-3/4-X	250	4130	1660	0.04 kg
CRH-14	H-28	CFH-7/8	HR-7/8	250	4130	1660	0.05 kg
CRHS-14	H-28-L	CFH-7/8-S	HR-7/8-X	250	4130	1660	0.05 kg
CRH-16	H-32	CFH-1	HR-1	650	6120	2225	0.09 kg
CRHS-16	H-32-L	CFH-1-S	HR-1-X	650	6120	2225	0.09 kg
CRH-18	H-36	CFH-1 1/8	HR-1 1/8	650	6120	2225	0.09 kg
CRHS-18	H-36-L	CFH-1 1/8-S	HR-1 1/8-X	650	6120	2225	0.09 kg
CRH-20	H-40	CFH-1 1/4	HR-1 1/4	1250	8500	3930	0.17 kg
CRHS-20	H-40-L	CFH-1 1/4-S	HR-1 1/4-X	1250	8500	3930	0.17 kg
CRH-22	H-44	CFH-1 3/8	HR-1 3/8	1250	8500	3930	0.20 kg
CRHS-22	H-44-L	CFH-1 3/8-S	HR-1 3/8-X	1250	8500	3930	0.20 kg
CRH-24	H-48	CFH-1 1/2	HR-1 1/2	1500	11280	4840	0.31 kg
CRHS-24	H-48-L	CFH-1 1/2-S	HR-1 1/2-X	1500	11280	4840	0.31 kg
CRH-26	H-52	CFH-1 5/8	HR-1 5/8	1500	11280	4840	0.34 kg
CRHS-26	H-52-L	CFH-1 5/8-S	HR-1 5/8-X	1500	11280	4840	0.34 kg
CRH-28	H-56	CFH-1 3/4	HR-1 3/4	2250	15840	6385	0.45 kg
CRHS-28	H-56-L	CFH-1 3/4-S	HR-1 3/4-X	2250	15840	6385	0.45 kg
CRH-30	H-60	CFH-1 7/8	HR-1 7/8	2250	15840	6385	0.52 kg
CRHS-30	H-60-L	CFH-1 7/8-S	HR-1 7/8-X	2250	15840	6385	0.52 kg
CRH-32	H-64	CFH-2	HR-2	2800	21140	8090	1.71 kg
CRHS-32	H-64-L	CFH-2-S	HR-2-X	2800	21140	8090	1.71 kg

# Rodillos de Leva en Pulgadas CFH & CFH...S

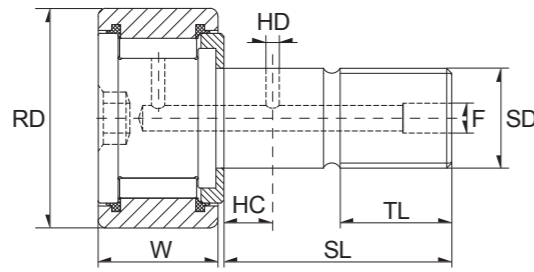
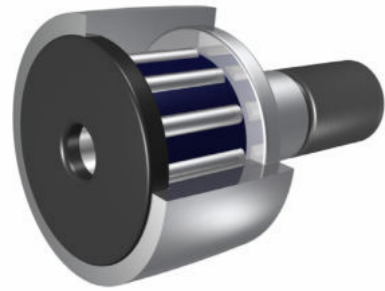


Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
2,250	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,250	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,500	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
2,500	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
2,750	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
2,750	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
3,000	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,000	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,250	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,250	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,500	2,000	1,750	2 3/4	1 3/8	1 3/4-12	11/16	1/8	1/4
3,500	2,000	1,750	2 3/4	1 3/8	1 3/4-12	11/16	1/8	1/4
4,000	2,250	2,000	3 1/2	1 1/2	2-12	3/4	1/8	1/4
4,000	2,250	2,000	3 1/2	1 1/2	2-12	3/4	1/8	1/4
5,000	2,750	2,500	5 1/16	2 9/16	2 1/2-12	7/8	3/16	1/4
6,000	3,250	3,000	6	3	3-12	1	3/16	1/4
7,000	3,500	3,500	7 11/16	4 1/8	3 1/2-4	1 1/4	3/16	1/4



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CRH-36	H-72	CFH-2 1/4	HR-2 1/4	2800	21140	8090	0.85 kg
CRHS-36	H-72-L	CFH-2 1/4-S	HR-2 1/4-X	2800	21140	8090	0.85 kg
CRH-40	H-80	CFH-2 1/2	HR-2 1/2	3450	32900	11720	1.25 kg
CRHS-40	H-80-L	CFH-2 1/2-S	HR-2 1/2-X	3450	32900	11720	1.25 kg
CRH-44	H-88	CFH-2 3/4	HR-2 3/4	3450	32900	11720	1.45 kg
CRHS-44	H-88-L	CFH-2 3/4-S	HR-2 3/4-X	3450	32900	11720	1.45 kg
CRH-48	H-96	CFH-3	HR-3	5000	49820	15720	2.07 kg
CRHS-48	H-96-L	CFH-3-S	HR-3-X	5000	49820	15720	2.07 kg
CRH-52	H-104	CFH-3 1/4	HR-3 1/4	5000	49820	15720	2.35 kg
CRHS-52	H-104-L	CFH-3 1/4-S	HR-3 1/4-X	5000	49820	15720	2.35 kg
CRH-56	H-112	CFH-3 1/2	HR-3 1/2	5000	663250	22800	3.18 kg
CRHS-56	H-112-L	CFH-3 1/2-S	HR-3 1/2-X	5000	663250	22800	3.18 kg
CRH-64	H-128	CFH-4	HR-4	5000	89540	29985	4.91 kg
CRHS-64	H-128-L	CFH-4-S	HR-4-X	5000	89540	29985	4.91 kg
-	-	CFH-5-S	HR-5-X	5000	135900	46575	10.02 kg
-	-	CFH-6-S	HR-6-X	5000	160900	60000	16.52 kg
-	-	CFH-7-S	HR-7-X	5000	213860	75380	30.86 kg

# Rodillos de Leva en Pulgadas CFH...B & CFH...SB

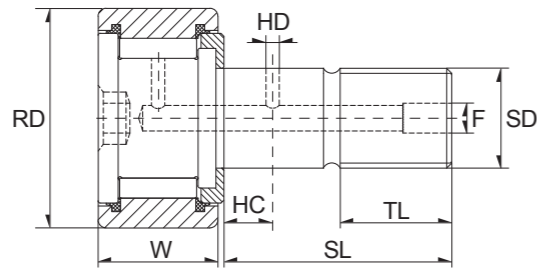
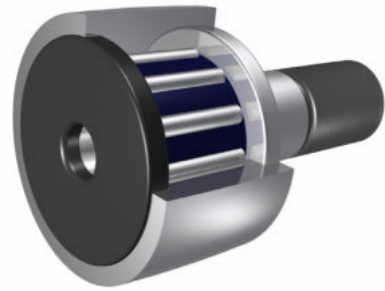


Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
0,500	0,375	0,250	5/8	1/4	1/4-28	-	-	-
0,500	0,375	0,250	5/8	1/4	1/4-28	-	-	-
0,562	0,375	0,250	5/8	1/4	1/4-28	-	-	-
0,562	0,375	0,250	5/8	1/4	1/4-28	-	-	-
0,625	0,4375	0,3125	3/4	5/16	5/16-24	-	-	-
0,625	0,4375	0,3125	3/4	5/16	5/16-24	-	-	-
0,687	0,4375	0,3125	3/4	5/16	5/16-24	-	-	-
0,687	0,4375	0,3125	3/4	5/16	5/16-24	-	-	-
0,750	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
0,750	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
0,875	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
0,875	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
1,000	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,000	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,125	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,125	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,250	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,250	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,375	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,375	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,500	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,500	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,625	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,625	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,750	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
1,750	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
1,875	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
1,875	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
2,000	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,000	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CRHB-8-1	-	CFH-1/2-B	HR-1/2-B	35	1580	680	0.02 kg
CRHSB-8-1	H-16-LW	CFH-1/2-SB	HR-1/2-XB	35	1580	680	0.02 kg
-	-	CFH-9/16-B	HR-9/16-B	35	1580	680	0.02 kg
-	H-18-LW	CFH-9/16-SB	HR-9/16-XB	35	1580	680	0.02 kg
CRHB-10-1	-	CFH-5/8-B	HR-5/8-B	90	2480	955	0.02 kg
CRHSB-10-1	H-20-LW	CFH-5/8-SB	HR-5/8-XB	90	2480	955	0.02 kg
-	-	CFH-11/16-B	HR-11/16-B	90	2480	955	0.03 kg
-	H-22-LW	CFH-11/16-SB	HR-11/16-XB	90	2480	955	0.03 kg
CRHB-12	-	CFH-3/4-B	HR-3/4-B	250	4130	1660	0.04 kg
CRHSB-12	H-24-LW	CFH-3/4-SB	HR-3/4-XB	250	4130	1660	0.04 kg
CRHB-14	-	CFH-7/8-B	HR-7/8-B	250	4130	1660	0.05 kg
CRHSB-14	H-28-LW	CFH-7/8-SB	HR-7/8-XB	250	4130	1660	0.05 kg
CRHB-16	-	CFH-1-B	HR-1-B	650	6120	2225	0.09 kg
CRHSB-16	H-32-LW	CFH-1-SB	HR-1-XB	650	6120	2225	0.09 kg
CRHB-18	-	CFH-1 1/8-B	HR-1 1/8-B	650	6120	2225	0.09 kg
CRHSB-18	H-36-LW	CFH-1 1/8-SB	HR-1 1/8-XB	650	6120	2225	0.09 kg
CRHB-20	-	CFH-1 1/4-B	HR-1 1/4-B	1250	8500	3930	0.17 kg
CRHSB-20	H-40-LW	CFH-1 1/4-SB	HR-1 1/4-XB	1250	8500	3930	0.17 kg
CRHB-22	-	CFH-1 3/8-B	HR-1 3/8-B	1250	8500	3930	0.20 kg
CRHSB-22	H-44-LW	CFH-1 3/8-SB	HR-1 3/8-XB	1250	8500	3930	0.20 kg
CRHB-24	-	CFH-1 1/2-B	HR-1 1/2-B	1500	11280	4840	0.31 kg
CRHSB-24	H-48-LW	CFH-1 1/2-SB	HR-1 1/2-XB	1500	11280	4840	0.31 kg
CRHB-26	-	CFH-1 5/8-B	HR-1 5/8-B	1500	11280	4840	0.34 kg
CRHSB-26	H-52-LW	CFH-1 5/8-SB	HR-1 5/8-XB	1500	11280	4840	0.34 kg
CRHB-28	-	CFH-1 3/4-B	HR-1 3/4-B	2250	15840	6385	0.45 kg
CRHSB-28	H-56-LW	CFH-1 3/4-SB	HR-1 3/4-XB	2250	15840	6385	0.45 kg
CRHB-30	-	CFH-1 7/8-B	HR-1 7/8-B	2250	15840	6385	0.52 kg
CRHSB-30	H-60-LW	CFH-1 7/8-SB	HR-1 7/8-XB	2250	15840	6385	0.52 kg
CRHB-32	-	CFH-2-B	HR-2-B	2800	21140	8090	0.71 kg
CRHSB-32	H-64-LW	CFH-2-SB	HR-2-XB	2800	21140	8090	0.71 kg

Rodillos de Leva en Pulgadas CFH...B & CFH...SB

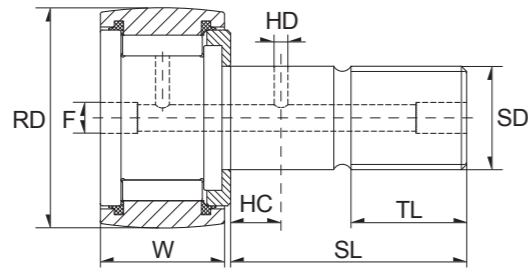
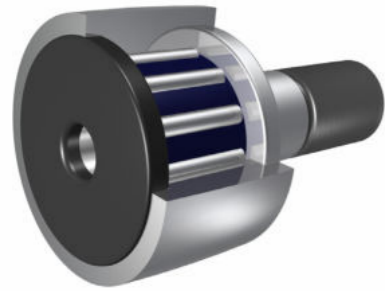


Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
2,250	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,250	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,500	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
2,500	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
2,750	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
2,750	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
3,000	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,000	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,250	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,250	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,500	2,000	1,750	2 3/4	1 3/8	1 3/4-12	11/16	1/8	1/4
3,500	2,000	1,750	2 3/4	1 3/8	1 3/4-12	11/16	1/8	1/4
4,000	2,250	2,000	3 1/2	1 1/2	2-12	3/4	1/8	1/4
4,000	2,250	2,000	3 1/2	1 1/2	2-12	3/4	1/8	1/4



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CRHB-36	-	CFH-2 1/4-B	HR-2 1/4-B	2800	21140	8090	0.85 kg
CRHSB-36	H-72-LW	CFH-2 1/4-SB	HR-2 1/4-XB	2800	21140	8090	0.85 kg
CRHB-40	-	CFH-2 1/2-B	HR-2 1/2-B	3450	32900	11720	1.25 kg
CRHSB-40	H-80-LW	CFH-2 1/2-SB	HR-2 1/2-XB	3450	32900	11720	1.25 kg
CRHB-44	-	CFH-2 3/4-B	HR-2 3/4-B	3450	32900	11720	1.45 kg
CRHSB-44	H-88-LW	CFH-2 3/4-SB	HR-2 3/4-XB	3450	32900	11720	1.45 kg
CRHB-48	-	CFH-3-B	HR-3-B	5000	49820	15720	2.07 kg
CRHSB-48	H-96-LW	CFH-3-SB	HR-3-XB	5000	49820	15720	2.07 kg
CRHB-52	-	CFH-3 1/4-B	HR-3 1/4-B	5000	49820	15720	2.35 kg
CRHSB-52	H-104-LW	CFH-3 1/4-SB	HR-3 1/4-XB	5000	49820	15720	2.35 kg
CRHB-56	-	CFH-3 1/2-B	HR-3 1/2-B	5000	63250	22800	3.18 kg
CRHSB-56	H-112-LW	CFH-3 1/2-SB	HR-3 1/2-XB	5000	63250	22800	3.18 kg
CRHB-64	-	CFH-4-B	HR-4-B	5000	89540	29985	4.91 kg
CRHSB-64	H-128-LW	CFH-4-SB	HR-4-XB	5000	89540	29985	4.91 kg

# Rodillos de Leva en Pulgadas CCFH...S

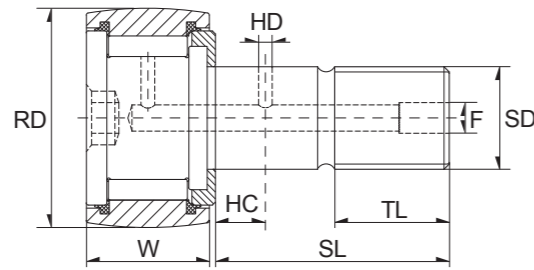
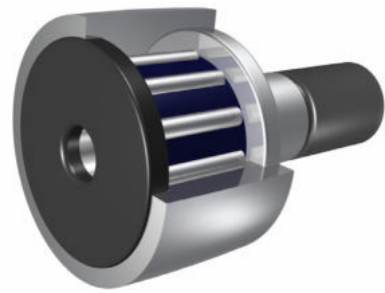


Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
0,500	0,375	0,250	5/8	1/4	1/4-28	-	-	1/8
0,562	0,375	0,250	5/8	1/4	1/4-28	-	-	1/8
0,625	0,4375	0,3125	3/4	5/16	5/16-24	-	-	1/8
0,687	0,4375	0,3125	3/4	5/16	5/16-24	-	-	1/8
0,750	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
0,875	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
1,000	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,125	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,250	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,375	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,500	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,625	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,750	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
1,875	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
2,000	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,250	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,500	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
2,750	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
3,000	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,250	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,500	2,000	1,750	2 3/4	1 3/8	1 3/4-12	11/16	1/8	1/4
4,000	2,250	2,000	3 1/2	1 1/2	2-12	3/4	1/8	1/4
5,000	2,750	2,500	5 11/16	2 9/16	2 1/2-12	7/8	3/16	1/4
6,000	3,250	3,000	6	3	3-12	1	3/16	1/4
7,000	3,750	3,500	7 11/16	4 1/8	3 1/2-4	1 1/4	3/16	1/4



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CRHSC-8-1	-	CCFH-1/2-S	HR-1/2-XC	35	1580	680	0.02 kg
-	-	CCFH-9/16-S	HR-9/16-XC	35	1580	680	0.02 kg
CRHSC-10-1	-	CCFH-5/8-S	HR-5/8-XC	90	2480	955	0.02 kg
-	-	CCFH-11/16-S	HR-11/16-XC	90	2480	955	0.03 kg
CRHSC-12	CH-24-L	CCFH-3/4-S	HR-3/4-XC	250	4130	1660	0.04 kg
CRHSC-14	CH-28-L	CCFH-7/8-S	HR-7/8-XC	250	4130	1660	0.05 kg
CRHSC-16	CH-32-L	CCFH-1-S	HR-1-XC	650	6120	2225	0.09 kg
CRHSC-18	CH-36-L	CCFH-1 1/8-S	HR-1 1/8-XC	650	6120	2225	0.09 kg
CRHSC-20	CH-40-L	CCFH-1 1/4-S	HR-1 1/4-XC	1250	8500	3930	0.17 kg
CRHSC-22	CH-44-L	CCFH-1 3/8-S	HR-1 3/8-XC	1250	8500	3930	0.20 kg
CRHSC-24	CH-48-L	CCFH-1 1/2-S	HR-1 1/2-XC	1500	11280	4840	0.31 kg
CRHSC-26	CH-52-L	CCFH-1 5/8-S	HR-1 5/8-XC	1500	11280	4840	0.34 kg
CRHSC-28	CH-56-L	CCFH-1 3/4-S	HR-1 3/4-XC	2250	15840	6385	0.45 kg
CRHSC-30	CH-60-L	CCFH-1 7/8-S	HR-1 7/8-XC	2250	15840	6385	0.52 kg
CRHSC-32	CH-64-L	CCFH-2-S	HR-2-XC	2800	21140	8090	0.71 kg
CRHSC-36	CH-72-L	CCFH-2 1/4-S	HR-2 1/4-XC	2800	21140	8090	0.85 kg
CRHSC-40	CH-80-L	CCFH-2 1/2-S	HR-2 1/2-XC	3450	32900	11720	1.25 kg
CRHSC-44	CH-88-L	CCFH-2 3/4-S	HR-2 3/4-XC	3450	32900	11720	1.45 kg
CRHSC-48	CH-96-L	CCFH-3-S	HR-3-XC	5000	49820	15720	2.07 kg
CRHSC-52	CH-104-L	CCFH-3 1/4-S	HR-3 1/4-XC	5000	49820	15720	2.35 kg
CRHSC-56	CH-112-L	CCFH-3 1/2-S	HR-3 1/2-XC	5000	63250	22800	3.18 kg
CRHSC-64	CH-128-L	CCFH-4-S	HR-4-XC	5000	89540	29985	4.91 kg
-	-	CCFH-5-S	HR-5-XC	5000	135900	46575	10.02 kg
-	-	CCFH-6-S	HR-6-XC	5000	160900	60000	16.52 kg
-	-	CCFH-7-S	HR-7-XC	5000	213860	75380	30.86 kg

# Rodillos de Leva en Pulgadas CCFH...SB



Dimension (inch)								
RD	W	SD	SL	TL	FINE THR'DS	HC	HD	F
0,500	0,375	0,250	5/8	1/4	1/4-28	-	-	-
0,562	0,375	0,250	5/8	1/4	1/4-28	-	-	-
0,625	0,4375	0,3125	3/4	5/16	5/16-24	-	-	-
0,687	0,4375	0,3125	3/4	5/16	5/16-24	-	-	-
0,750	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
0,875	0,500	0,4375	7/8	3/8	7/16-20	1/4	3/32	3/16
1,000	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,125	0,625	0,625	1	1/2	5/8-18	1/4	3/32	3/16
1,250	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,375	0,750	0,750	1 1/4	5/8	3/4-16	5/16	3/32	3/16
1,500	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,625	0,875	0,875	1 1/2	3/4	7/8-14	3/8	3/32	3/16
1,750	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
1,875	1,000	1,000	1 3/4	7/8	1-14	7/16	3/32	3/16
2,000	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,250	1,250	1,125	2	1	1 1/8-12	1/2	1/8	3/16
2,500	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
2,750	1,500	1,250	2 1/4	1 1/8	1 1/4-12	9/16	1/8	3/16
3,000	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,250	1,750	1,500	2 1/2	1 1/4	1 1/2-12	5/8	1/8	1/4
3,500	2,000	1,750	2 3/4	1 3/8	1 3/4-12	11/16	1/8	1/4
4,000	2,250	2,000	3 1/2	1 1/2	2-12	3/4	1/8	1/4



Designation/Type				Recom. clamping torque (lbs-inch)	Load Rating Static (lbs)	Load Rating Dynamic (lbs)	Weight (kg) approx.
TORRINGTON	RBC	ZEN	SMITH				
CRHSBC-8-1	CH-16-LW	CCFH-1/2-SB	HR-1/2-XBC	35	1580	680	0.02 kg
-	CH-18-LW	CCFH-9/16-SB	HR-9/16-XBC	35	1580	680	0.02 kg
CRHSBC-10-1	CH-20-LW	CCFH-5/8-SB	HR-5/8-XBC	90	2480	955	0.02 kg
-	CH-22-LW	CCFH-11/16-SB	HR-11/16-XBC	90	2480	955	0.03 kg
CRHSBC-12	CH-24-LW	CCFH-3/4-SB	HR-3/4-XBC	250	4130	1660	0.04 kg
CRHSBC-14	CH-28-LW	CCFH-7/8-SB	HR-7/8-XBC	250	4130	1660	0.05 kg
CRHSBC-16	CH-32-LW	CCFH-1-SB	HR-1-XBC	650	6120	2225	0.09 kg
CRHSBC-18	CH-36-LW	CCFH-1 1/8-SB	HR-1 1/8-XBC	650	6120	2225	0.09 kg
CRHSBC-20	CH-40-LW	CCFH-1 1/4-SB	HR-1 1/4-XBC	1250	8500	3930	0.17 kg
CRHSBC-22	CH-44-LW	CCFH-1 3/8-SB	HR-1 3/8-XBC	1250	8500	3930	0.20 kg
CRHSBC-24	CH-48-LW	CCFH-1 1/2-SB	HR-1 1/2-XBC	1500	11280	4840	0.31 kg
CRHSBC-26	CH-52-LW	CCFH-1 5/8-SB	HR-1 5/8-XBC	1500	11280	4840	0.34 kg
CRHSBC-28	CH-56-LW	CCFH-1 3/4-SB	HR-1 3/4-XBC	2250	15840	6385	0.45 kg
CRHSBC-30	CH-60-LW	CCFH-1 7/8-SB	HR-1 7/8-XBC	2250	15840	6385	0.52 kg
CRHSBC-32	CH-64-LW	CCFH-2-SB	HR-2-XBC	2800	21140	8090	0.71 kg
CRHSBC-36	CH-72-LW	CCFH-2 1/4-SB	HR-2 1/4-XBC	2800	21140	8090	0.85 kg
CRHSBC-40	CH-80-LW	CCFH-2 1/2-SB	HR-2 1/2-XBC	3450	32900	11720	1.25 kg
CRHSBC-44	CH-88-LW	CCFH-2 3/4-SB	HR-2 3/4-XBC	3450	32900	11720	1.45 kg
CRHSBC-48	CH-96-LW	CCFH-3-SB	HR-3-XBC	5000	49820	15720	2.07 kg
CRHSBC-52	CH-104-LW	CCFH-3 1/4-SB	HR-3 1/4-XBC	5000	49820	15720	2.35 kg
CRHSBC-56	CH-112-LW	CCFH-3 1/2-SB	HR-3 1/2-XBC	5000	63250	22800	3.18 kg
CRHSBC-64	CH-128-LW	CCFH-4-SB	HR-4-XBC	5000	89540	29985	4.91 kg

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