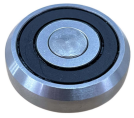
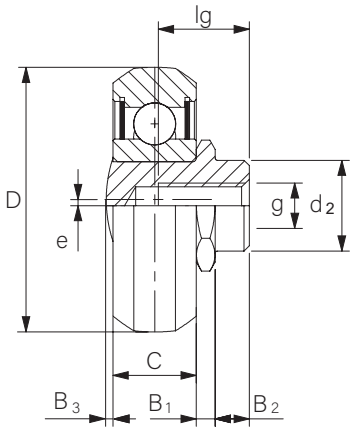
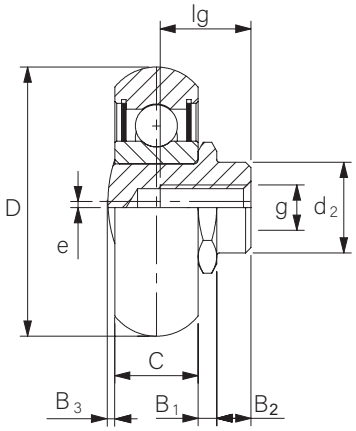
Ball Bearing Track rollers For Compact Rail

Ball Bearing Tracker Roller for T,U,K Rail

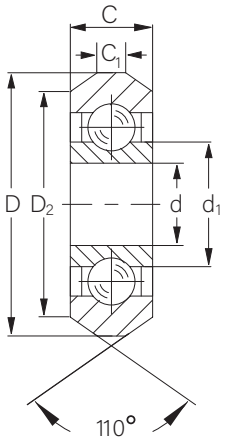




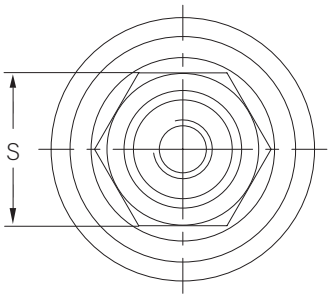
Prismatic (T- and U-rail)



Crowned (K-rail)



Roller Only



Roller No	Roller No	Bearing No	D	C	d2	e	B1	B2	lg	d	D2	C1	B3	g	C	C0r	Weight
concentric	eccentric		mm										max		N		kg
CPN18-2Z	CPA18-2Z	C18-2Z	14	4	6	0.4	1.55	1.8	5.5	5	12.4	1.6	0.5	M4	765	410	0.004
CPN18-2RS	CPA18-2RS	C18-2RS	14	4	6	0.4	1.55	1.8	5.5	5	12.4	1.6	0.5	M4	765	410	0.004
CPN28-2Z	CPA28-2Z	C28-2Z	23.2	7	10	0.6	2.20	3.8	7.0	7	19.2	2.4	0.6	M5	2130	1085	0.019
CPN28-2RS	CPA28-2RS	C28-2RS	23.2	7	10	0.6	2.20	3.8	7.0	7	19.2	2.4	0.6	M5	2130	1085	0.019
CPN35-2Z	CPA35-2Z	C35-2Z	28.2	8	12	0.7	2.55	4.2	9.0	8	25.1	3.3	0.7	M5	4020	1755	0.032
CPN35-2RS	CPA35-2RS	C35-2RS	28.2	8	12	0.7	2.55	4.2	9.0	8	25.1	3.3	0.7	M5	4020	1755	0.032
CPN43-2Z	CPA43-2Z	C43-2Z	35	11	12	0.8	2.50	4.5	12.0	10	30.8	5.0	0.7	M6	6140	2750	0.060
CPN43-2RS	CPA43-2RS	C43-2RS	35	11	12	0.8	2.50	4.5	12.0	10	30.8	5.0	0.7	M6	6140	2750	0.060
CPN63-2ZR	CPA63-2ZR	C63-2ZR	50	18	18	1.2	2.30	6.0	16.0	15	-	-	0.7	M10	15375	6250	0.190
CRPN43-2Z	CRPA43-2Z	CR43-2Z	35.6	11	12	0.8	2.50	4.5	12.0	10	-	-	-	-	6140	2550	0.060
CRPN63-2ZR	CRPA63-2ZR	CR63-2ZR	49.7	18	18	1.2	2.30	6.0	16.0	15	-	-	-	-	15375	5775	0.190
CXPNX18-2RS	CXPAX18-2RS	CX18-2RS	14	4	6	0.4	1.55	1.8	5.5	5	12.4	1.6	0.5	M4	765	410	0.004
CXPNX28-2RS	CXPAX28-2RS	CX28-2RS	23.2	7	10	0.6	2.20	3.8	7.0	7	19.2	2.4	0.6	M5	2130	1085	0.019
CXPNX35-2RS	CXPAX35-2RS	CX35-2RS	28.2	8	12	0.7	2.55	4.2	9.0	8	25.1	3.3	0.7	M5	4020	1755	0.032
CXPNX43-2RS	CXPAX43-2RS	CX43-2RS	35	11	12	0.8	2.50	4.5	12.0	10	30.8	5.0	0.7	M6	6140	2750	0.060
CXPNX63-2RS	CXPAX63-2RS	CX63-2RS	50	18	18	1.2	2.30	6.0	16.0	15	-	-	0.7	M10	15375	6250	0.190
CRXPNX43-2RS	CRXPAX43-2RS	CRX43-2RS	35.6	11	12	0.8	2.50	4.5	12.0	10	-	-	0.7	M6	6140	2550	0.060
CRXPNX63-2RS	CRXPAX63-2RS	CRX63-2RS	49.7	18	18	1.2	2.30	6.0	16.0	15	-	-	0.7	M10	15375	5775	0.190

Explanation of Prefix and Suffix:

C	with prismatic profile on outer surface	CR	with crowned profile on outer surface
CPN	with concentric stud and prismatic profile on outer surface	CPA	with eccentric stud and prismatic profile on outer surface
CRN	with concentric stud and crowned profile on outer surface	CRA	with eccentric stud and crowned profile on outer surface
2Z	with double metal shields	2RS	with double NBR (Nitrile Butadiene Rubber) seal
X	Stainless steel 440C		

Tolerance and Run Out Accuracy:
Bore diameter (d):+0/-0.008mm; Outer diameter (D) : +0/-0.04; Width(B) +0/-0.03; Run out: ≤ 0.02mm

Standard Grease Pre-filled:
Kyodo Yushi SRL or SINOPEC 7014

Material:
Rings SKF3 grade 100Cr6 (52100)
Steel Balls G5 grade Z3V3 noise level, SKF3 grade 100Cr6 (52100)

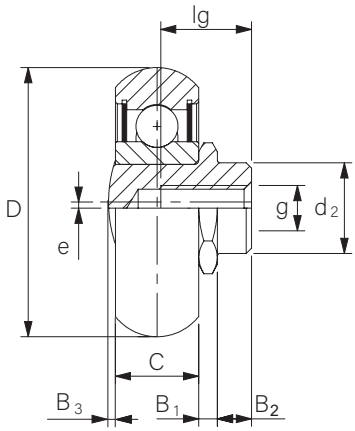
Linear rails with high precision ball bearing roller slider

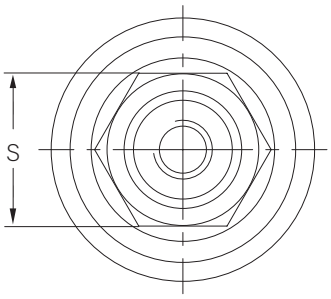
Description

Compact Rail is a linear system consisting of steel linear rails with induction hardened raceways and high precision radial ball bearing sliders, also made of hardened steel. Thanks to their self-aligning capabilities, Compact Rail linear guides simplify the project, improve the performance and reduce the overall cost of application. Compact Rail linear guides are easy to install on all types of surfaces, including non-machined ones. Compact Rail linear guides feature a robust steel slider with ball bearings, self-centering heads with wipers, longitudinal seals to protect the internal components and a top sealing strip. The slider body is accurately finished with matte longitudinal edge chamfer and a shining ground flat surface. The slider heads are equipped with special slow release felt pads and are free to rotate with respect to the slider body, so that the felts are always in contact with the raceways to ensure optimal lubrication.

Product information

Available sizes for T-rail, U-rail	18, 28, 35, 43, 63
Available sizes for K-rail	43, 63
Max. operating speed	9 m/s (354 in/s) (depending on application)
Max. acceleration	20 m/s2 (787 in/s2) (depending on application)
Max. radial load capacity	15,000 N (per slider)
Temperature Range	20 °C to +120 °C (-4 °F to +248 °F) briefly up to max. +170 °C (+338 °F)
Available rail lengths from	160 mm to 3,600 mm (6.3 in to 142 in) in 80-mm increments (3.15 in)
Roller pins lubricated for life	Roller pins lubricated for life
Roller seal/shield	2RS (splash-proof), 2Z (steel cover disk)
Roller material	steel GCr15 (100Cr6 ,52100)
Rail raceways induction hardened and ground	Rail raceways induction hardened and ground
Rails and slider bodies are standard zinc-plated according to ISO 2081	Rails and slider bodies are standard zinc-plated according to ISO 2081
Rail material of T- and U-rails in sizes 18	cold-drawn roller bearing carbon steel C43 F
Rail material of K-rails, as well as T- and U-rails in size 28 to 63	CF53





Part Number	e	D	C	B	B1	B2	B3	d1	d2	g	lg	S	R	C	$C_{0\,rad}$	$C_{0\,ax}$	Weight
	mm													N			g
		+0 -.05	+0 -.04	+0 -0.02	+0 -0.2	+0 -0.2		±0.1	+0 -.05			+.05 -.15					
CH.CRN20-2Z	-	14	4	9.2	2.9	1.8	0.5	7.35	6	M4	6	8	2.8	765	410	163	0.006
CH.CRA20-2Z	0.5	14	4	9.2	2.9	1.8	0.5	7.35	6	M4	6	8	2.8	765	410	163	0.006
CH.CRN30-2Z	-	22.8	7	14.4	3	3.8	0.6	12	10	M5	9	13	4.76	2130	1085	430	0.017
CH.CRA30-2Z	0.6	22.8	7	14.4	3	3.8	0.6	12	10	M5	9	13	4.76	2130	1085	430	0.017
CH.CRN45-2Z	-	35.6	11	21.3	5.1	4.5	0.7	18.3	12	M6	14.5	15	7	6140	2550	870	0.07
CH.CRA45-2Z	0.8	35.6	11	21.3	5.1	4.5	0.7	18.3	12	M6	14.5	15	7	6140	2550	870	0.07
CH.CRNX20-2RS	-	14	4	9.2	2.9	1.8	0.5	7.35	6	M4	6	8	2.8	765	410	150	0.006
CH.CRAX20-2RS	0.5	14	4	9.2	2.9	1.8	0.5	7.35	6	M4	6	8	2.8	765	410	150	0.006
CH.CRNX30-2RS	-	22.8	7	14.4	3	3.8	0.6	12	10	M5	9	13	4.76	2130	1085	400	0.022
CH.CRAX30-2RS	0.6	22.8	7	14.4	3	3.8	0.6	12	10	M5	9	13	4.76	2130	1085	400	0.022
CH.CRNX45-2RS	-	35.6	11	21.3	5.1	4.5	0.7	18.3	12	M6	14.5	15	7	6140	2550	800	0.07
CH.CRAX45-2RS	0.8	35.6	11	21.3	5.1	4.5	0.7	18.3	12	M6	14.5	15	7	6140	2550	800	0.07

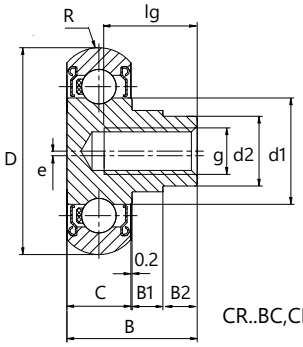
Explanation of Prefix and Suffix:

C	with prismatic profile on outer surface	CR	with crowned profile on outer surface
CPN	with concentric stud and prismatic profile on outer surface	CPA	with eccentric stud and prismatic profile on outer surface
CRN	with concentric stud and crowned profile on outer surface	CRA	with eccentric stud and crowned profile on outer surface
2Z	with double metal shields	2RS	with double NBR (Nitrile Butadiene Rubber) seal
X	Stainless steel 440C		

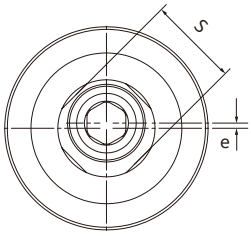
Tolerance and Run Out Accuracy:
Bore diameter (d):+0/-0.008mm; Outer diameter (D) : +0/-0.04; Width(B) +0/-0.03; Run out: ≤ 0.02mm

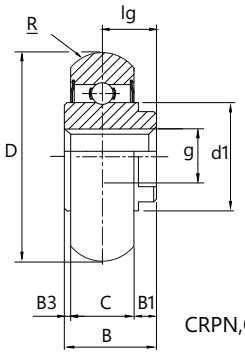
Standard Grease Pre-filled:
Kyodo Yushi SRL or SINOPEC 7014

Material:
Rings SKF3 grade 100Cr6 (52100)
Steel Balls G5 grade Z3V3 noise level, SKF3 grade 100Cr6 (52100)



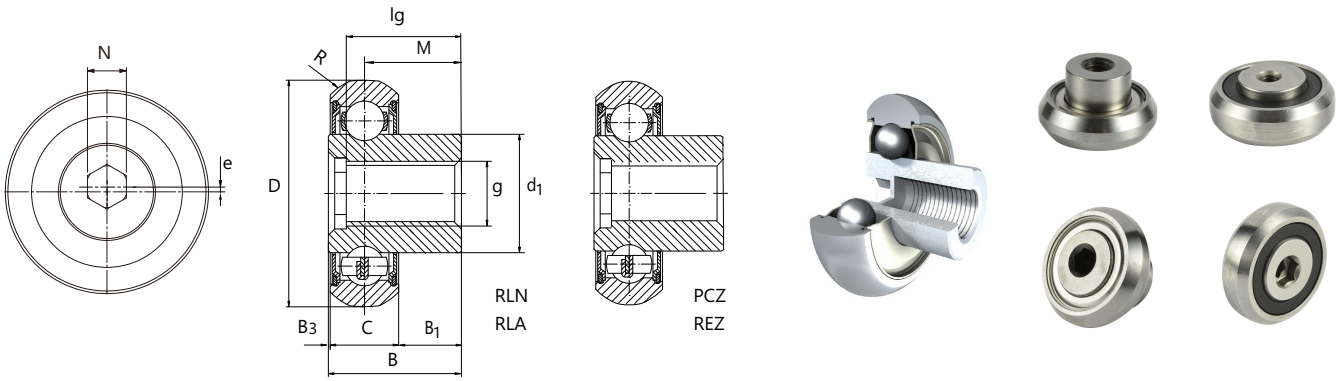
CR..BC,CR..BE





CRPN,CRPA

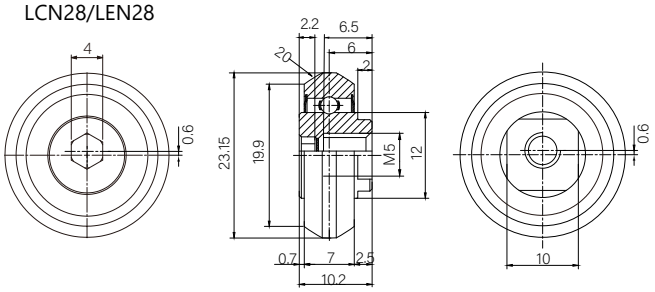
Part Number	e	D	C	B	B_1	B_2	B_3	d_1	d_2	g	lg	S	C	$C_{0\ rad}$	$C_{0\ ax}$	R	Weight
	mm												N				g
		+0 -.05	+0 -.04	+0 -0.02	+0 -0.2	+0 -0.2		±0.1	+0 -.05			+.05 -.15					
CH.CR20BC	-	14	4	8.9	2.9	2		7.35	5	M3	7	6	280	210	160	2.8	4
CH.CR20BE	0.5	14	4	8.9	2.9	2		7.35	5	M3	7	6	280	210	160	2.8	4
CH.CR30BC	-	22.8	7	14	3	4		12	9	M5	9	10	800	610	420	5	18
CH.CR30BE	0.6	22.8	7	14	3	4		12	9	M5	9	10	800	610	420	5	18
CH.CR45BC	-	35.5	11	22.5	5.5	6		18.3	12	M8	16	14	5100	2500	625	7	68
CH.CR45BE	0.6	35.5	11	22.5	5.5	6		18.3	12	M8	16	14	5100	5100	625	7	68
CH.CRPN20-2Z	-	14	4	8.2	4		0.2	7.35	8	M4	6	6	765	163	160	2.8	6
CH.CRPA20-2Z	0.5	14	4	8.2	4		0.2	7.35	8	M4	6	6	765	163	160	2.8	6
CH.CRPN30-ZZ	-	22.8	7	12	4.5		0.5	12	12	M5	7	10	2130	435	420	4.76	20
CH.CRPA30-2Z	0.6	22.8	7	12	4.5		0.5	12	12	M5	7	10	2130	435	420	4.76	20
CH.CRPN45-2Z	-	35.6	11	17.3	6		0.3	18.3	16	M6	12	13	6140	870	625	7	68
CH.CRPA45-2Z	0.8	35.6	11	17.3	6		0.3	18.3	16	M6	12	13	6140	870	625	7	68
CH.CRPNX20-2RS	-	14	4	8.2	4		0.2	7.35	8	M4	6	6	765	150	160	2.8	6
CH.CRPAX20-2RS	0.5	14	4	8.2	4		0.2	7.35	8	M4	6	6	765	150	160	2.8	6
CH.CRPNX30-2RS	-	22.8	7	12	4.5		0.5	12	12	M5	7	10	2130	400	420	4.76	20
CH.CRPAX30-2RS	0.6	22.8	7	12	4.5		0.5	12	12	M5	7	10	2130	400	420	4.76	20
CH.CRPNX45-2RS	-	35.6	11	17.3	6		0.3	18.3	16	M6	12	13	6140	800	625	7	68
CH.CRPAX45-2RS	0.8	35.6	11	17.3	6		0.3	18.3	16	M6	12	13	6140	800	625	7	68



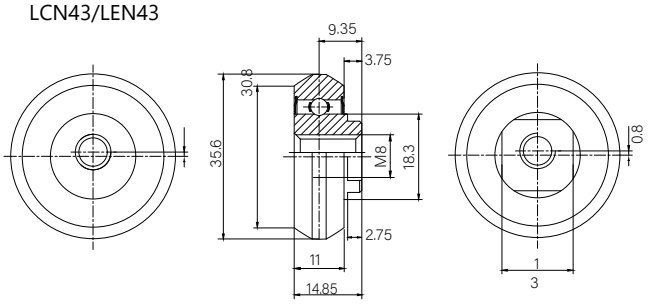
Part Number	e	D	C	M	B	B_1	B_3	d_1	g	lg	N	C	$C_{0\,rad}$	$C_{0\,ax}$	R	Weight
	mm											N				g
		+0/-.05	+0/-.04	±0.03	-0.02	+0/-0.2		±0.1			+.15/-0					
CH.RLN26	-	20.2	6	8.5	11.8	5.5	0.3	11.2	M5	8.2	4	900	400	126	20	13
CH.RLA26	0.6	20.2	6	8.5	11.8	5.5	0.3	11.2	M5	8.2	4	900	400	126	20	13
CH.RLN40	-	31.5	10	9.65	14.95	4.65	0.3	15	M6	10	5	1360	800	296	25	48
CH.RLA40	0.7	31.5	10	9.65	14.95	4.65	0.3	15	M6	10	5	1360	800	296	25	48
CH.RLNX26	-	20.3	6	8.5	11.8	5.5	0.3	11.2	M5	8.2	4	900	400	126	20	13
CH.RLAX26	0.6	20.3	6	8.5	11.8	5.5	0.3	11.2	M5	8.2	4	900	400	126	20	13
CH.RLNX40	-	31.5	10	9.65	14.95	4.65	0.3	15	M6	10	5	1360	800	296	25	48
CH.RLAX40	0.7	31.5	10	9.65	14.95	4.65	0.3	15	M6	10	5	1360	800	296	25	48
CH.PCZ26	-	20.3	6	8.5	11.8	5.5	0.3	11.2	M5	8.2	4	900	400	148	2.8	13
CH.PEZ26	0.6	20.3	6	8.5	11.8	5.5	0.3	11.2	M5	8.2	4	900	400	148	2.8	13
CH.PCZ40	-	32	10	9.65	14.95	4.65	0.3	15	M6	10	5	1360	800	296	-	48
CH.PEZ40	0.8	32	10	9.65	14.95	4.65	0.3	15	M6	10	5	1360	800	296	-	48
CH.PCX26	-	20.3	6	8.5	11.8	5.5	0.3	11.2	M5	8.2	4	900	400	148	2.8	13
CH.PEX26	0.6	20.3	6	8.5	11.8	5.5	0.3	11.2	M5	8.2	4	900	400	148	2.8	13
CH.PCX40	-	32	10	9.65	14.95	4.65	0.3	15	M6	10	5	1360	800	296	-	48
CH.PEX40	0.8	32	10	9.65	14.95	4.65	0.3	15	M6	10	5	1360	800	296	-	48

C&H BEARING

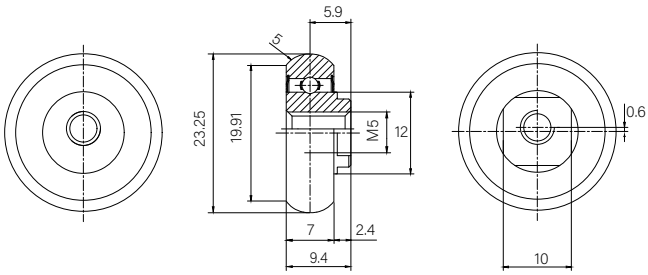
LCN28/LEN28



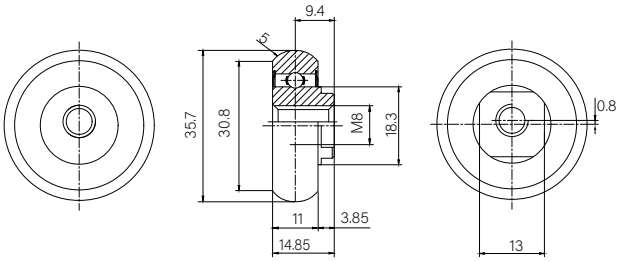
LCN43/LEN43



LCV28/LEV28



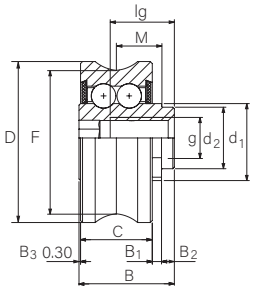
LCV43/LEV43

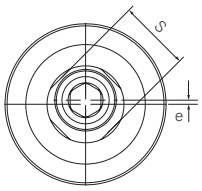


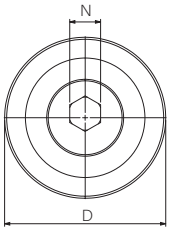
Part Number	e	D	C	M	B	B_1	d_1	g	lg	S	C	$C_{0\ rad}$	$C_{0\ ax}$	R	Weight
	mm										N				g
		+0/-.05	+0/-.04	±0.03	-0.02	+0/-0.2	±0.1			+.05/-.15					
CH.LCN28	-	23.15	7	6	10.2	2.5	12	M5	6.5	10	680	600	250	20	20
CH.LEN28	0.6	23.15	7	6	10.2	2.5	12	M5	6.5	10	680	600	250	20	20
CH.LCN43	-	35.6	11	9.35	14.85	3.75	18.3	M8	14.85	13	5800	2500	625	25	50
CH.LEN43	0.8	35.6	11	9.35	14.85	3.75	18.3	M8	14.85	13	5800	2500	625	25	50
CH.LCV28	-	23.25	7	5.9	9.4	2.4	12	M5	6.5	10	2400	1000	250	5	20
CH.LEV28	0.6	23.25	7	5.9	9.4	2.4	12	M5	6.5	10	2400	1000	250	5	20
CH.LCV43	-	35.7	11	9.4	14.85	3.85	18.3	M8	14.85	13	5800	2500	625	7	50
CH.LEV43	0.8	35.7	11	9.4	14.85	3.85	18.3	M8	14.85	13	5800	2500	625	7	50

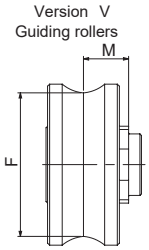
Ball Bearing Track rollers For Compact Rail

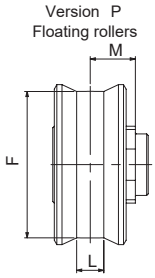
For MR, FXR rails

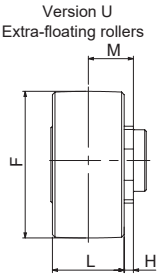










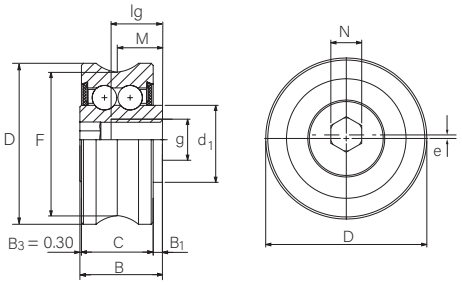


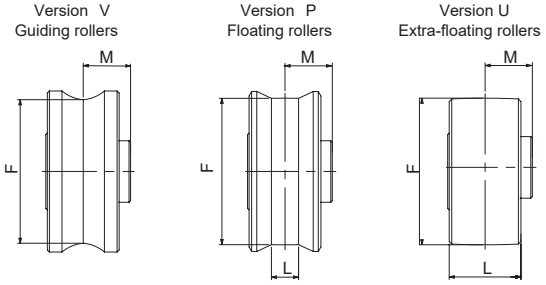
Part Number	e	D	C	M	B1	d1	g	lg	F	L	H	B2	d2	S	B3	N	LF	Cr	Co rad	Co ax	Mass
	mm												h7					KN			g
CH.RGNV28R	-	20.75	9	6.1	1.6	10.8	M5	8	-	-	-	1.5	8	10	0	4	-	3	1.6	0.46	20
CH.RGAV28R	0.6	20.75	9	6.1	1.6	10.8	M5	8	-	-	-	1.5	8	10	0	4	-	3	1.6	0.46	20
CH.RGNP28R	-	20.75	9	6.1	1.6	10.8	M5	8	18.81	4	4.1	1.5	8	10	0	4	0.7(+/-0.35)	3	1.6	0	20
CH.RGAP28R	0.6	20.75	9	6.1	1.6	10.8	M5	8	18.81	4	4.1	1.5	8	10	0	4	0.7(+/-0.35)	3	1.6	0	20
CH.RGNU28R	-	18.81	9	6.1	1.6	10.8	M5	8	18.81	8	2.1	1.5	8	10	0	4	2.35(+2/-0.35)	2.3	1.12	0	20
CH.RGAU28R	0.6	18.81	9	6.1	1.6	10.8	M5	8	18.81	8	2.1	1.5	8	10	0	4	2.35(+2/-0.35)	2.3	1.12	0	20
CH.RGNVX28R	-	20.75	9	6.1	1.6	10.8	M5	8	-	-	-	1.5	8	10	0	4	-	3	1.6	0.46	20
CH.RGAVX28R	0.6	20.75	9	6.1	1.6	10.8	M5	8	-	-	-	1.5	8	10	0	4	-	3	1.6	0.46	20
CH.RGNPX28R	-	20.75	9	6.1	1.6	10.8	M5	8	18.81	4	4.1	1.5	8	10	0	4	0.7(+/-0.35)	3	1.6	0	20
CH.RGAPX28R	0.6	20.75	9	6.1	1.6	10.8	M5	8	18.81	4	4.1	1.5	8	10	0	4	0.7(+/-0.35)	3	1.6	0	20
CH.RGNUX28R	-	18.81	9	6.1	1.6	10.8	M5	8	18.81	8	2.1	1.5	8	10	0	4	2.35(+2/-0.35)	2.3	1.12	0	20
CH.RGAUX28R	0.6	18.81	9	6.1	1.6	10.8	M5	8	18.81	8	2.1	1.5	8	10	0	4	2.35(+2/-0.35)	2.3	1.12	0	20
CH.RGNV43R	-	31.4	14	8.8	1.8	15	M8	12.5	-	-		2.5	11	14	0.3	6	-	7.6	4	1.19	50
CH.RGAV43R	0.8	31.4	14	8.8	1.8	15	M8	12.5	-	-		2.5	11	14	0.3	6	-	7.6	4	1.19	50
CH.RGNP43R	-	31.2	14	8.8	1.8	15	M8	12.5	28.59	5.3	6.15	2.5	11	14	0.3	6	1.4(+/-0.7)	7.6	4	0	50
CH.RGAP43R	0.8	31.2	14	8.8	1.8	15	M8	12.5	28.59	5.3	6.15	2.5	11	14	0.3	6	1.4(+/-0.7)	7.6	4	0	50
CH.RGNU43R	-	28.59	14	8.8	1.8	15	M8	12.5	28.59	13	2.3	2.5	11	14	0.3	6	3.2(+2.5/-0.7)	5.7	2.8	0	50
CH.RGAU43R	0.8	28.59	14	8.8	1.8	15	M8	12.5	28.59	13	2.3	2.5	11	14	0.3	6	3.2(+2.5/-0.7)	5.7	2.8	0	50
CH.RGNVX43R	-	31.4	14	8.8	1.8	15	M8	12.5	-	-		2.5	11	14	0.3	6	-	7.6	4	1.19	50
CH.RGAVX43R	0.8	31.4	14	8.8	1.8	15	M8	12.5	-	-		2.5	11	14	0.3	6	-	7.6	4	1.19	50
CH.RGNPX43R	-	31.2	14	8.8	1.8	15	M8	12.5	28.59	5.3	6.15	2.5	11	14	0.3	6	1.4(+/-0.7)	7.6	4	0	50
CH.RGAPX43R	0.8	31.2	14	8.8	1.8	15	M8	12.5	28.59	5.3	6.15	2.5	11	14	0.3	6	1.4(+/-0.7)	7.6	4	0	50
CH.RGNUX43R	-	28.59	14	8.8	1.8	15	M8	12.5	28.59	13	2.3	2.5	11	14	0.3	6	3.2(+2.5/-0.7)	5.7	2.8	0	50
CH.RGAUX43R	0.8	28.59	14	8.8	1.8	15	M8	12.5	28.59	13	2.3	2.5	11	14	0.3	6	3.2(+2.5/-0.7)	5.7	2.8	0	50

Ring and Ball Material: SKF3 grade 100Cr6 (52100)
Cage: Nylon (PA66)
Grease: Kyodo Yushi SRL or SINOPEC 7014
Dimensional Tolerance: P6
Run Out Accuracy: P5
Temperature range: -20 °C to +120 °C
440C Stainless steel: suffix "X"

Ball Bearing Track rollers For Compact Rail

For MR, FXR rails



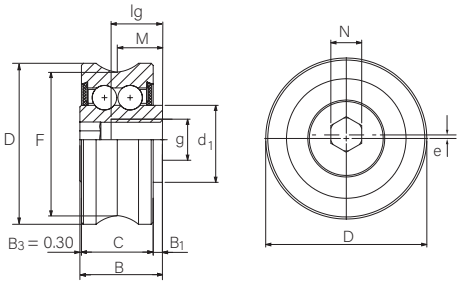


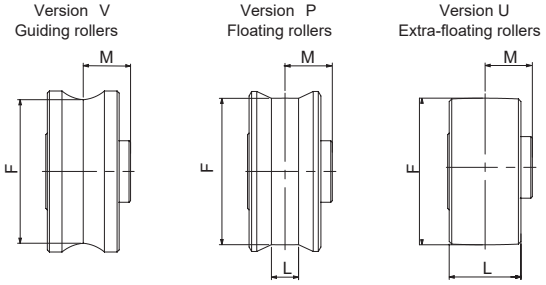
Part Number	e	D	C	M	B1	d1	g	lg	F	L	H	B2	d2	S	B3	N	LF	Cr	Co rad	Co ax	Mass
	mm												h7					KN			g
CH.RCV28	-	20	9	6.25	1.75	10.8	M5	7	-	-	-	-	-	-	0	4	-	3	1.6	0.46	20
CH.REV28	0.6	20	9	6.25	1.75	10.8	M5	7	-	-	-	-	-	-	0	4	-	3	1.6	0.46	20
CH.RCP28	-	20	9	6.25	1.75	10.8	M5	7	17.9	3	4.75	-	-	-	0	4	0.7(+/-0.35)	3	1.6	0	20
CH.REP28	0.6	20	9	6.25	1.75	10.8	M5	7	17.9	3	4.75	-	-	-	0	4	0.7(+/-0.35)	3	1.6	0	20
CH.RCU28	-	17.8	9	6.25	1.75	9.7	M5	7	17.8	9	1.75	-	-	-	0	4	2.35(+2/-0.35)	2.3	1.12	0	20
CH.REU28	0.6	17.8	9	6.25	1.75	9.7	M5	7	17.8	9	1.75	-	-	-	0	4	2.35(+2/-0.35)	2.3	1.12	0	20
CH.RCV28X	-	20	9	6.25	1.75	10.8	M5	7	-	-	-	-	-	-	0	4	-	3	1.6	0.46	20
CH.REV28X	0.6	20	9	6.25	1.75	10.8	M5	7	-	-	-	-	-	-	0	4	-	3	1.6	0.46	20
CH.RCP28X	-	20	9	6.25	1.75	10.8	M5	7	17.9	3	4.75	-	-	-	0	4	0.7(+/-0.35)	3	1.6	0	20
CH.REP28X	0.6	20	9	6.25	1.75	10.8	M5	7	17.9	3	4.75	-	-	-	0	4	0.7(+/-0.35)	3	1.6	0	20
CH.RCU28X	-	17.8	9	6.25	1.75	9.7	M5	7	17.8	9	1.75	-	-	-	0	4	2.35(+2/-0.35)	2.3	1.12	0	20
CH.REU28X	0.6	17.8	9	6.25	1.75	9.7	M5	7	17.8	9	1.75	-	-	-	0	4	2.35(+2/-0.35)	2.3	1.12	0	20
CH.RCV43	-	30.4	14	9	2	15	M8	10.5	-	-	-	-	-	-	0.3	6	-	7.1	3.6	1.07	50
CH.REV43	0.8	30.4	14	9	2	15	M8	10.5	-	-	-	-	-	-	0.3	6	-	7.1	3.6	1.07	50
CH.RCP43	-	30.4	14	9	2	15	M8	10.5	27.2	4	7	-	-	-	0.3	6	1.4(+/-0.7)	7.1	3.6	0	50
CH.REP43	0.8	30.4	14	9	2	15	M8	10.5	27.2	4	7	-	-	-	0.3	6	1.4(+/-0.7)	7.1	3.6	0	50
CH.RCU43	-	27.2	14	9	2	15	M8	10.5	27.2	14	2	-	-	-	0.3	6	3.2(+2.5/-0.7)	5.7	2.8	0	50
CH.REU43	0.8	27.2	14	9	2	15	M8	10.5	27.2	14	2	-	-	-	0.3	6	3.2(+2.5/-0.7)	5.7	2.8	0	50
CH.RCV43X	-	30.4	14	9	2	15	M8	10.5	-	-	-	-	-	-	0.3	6	-	7.1	3.6	1.07	50
CH.REV43X	0.8	30.4	14	9	2	15	M8	10.5	-	-	-	-	-	-	0.3	6	-	7.1	3.6	1.07	50
CH.RCP43X	-	30.4	14	9	2	15	M8	10.5	27.2	4	7	-	-	-	0.3	6	1.4(+/-0.7)	7.1	3.6	0	50
CH.REP43X	0.8	30.4	14	9	2	15	M8	10.5	27.2	4	7	-	-	-	0.3	6	1.4(+/-0.7)	7.1	3.6	0	50
CH.RCU43X	-	27.2	14	9	2	15	M8	10.5	27.2	14	2	-	-	-	0.3	6	3.2(+2.5/-0.7)	5.7	2.8	0	50
CH.REU43X	0.8	27.2	14	9	2	15	M8	10.5	27.2	14	2	-	-	-	0.3	6	3.2(+2.5/-0.7)	5.7	2.8	0	50

Ring and Ball Material: SKF3 grade 100Cr6 (52100)
Cage: Nylon (PA66)
Grease: Kyodo Yushi SRL or SINOPEC 7014
Dimensional Tolerance: P6
Run Out Accuracy: P5
Temperature range: -20 °C to +120 °C
440C Stainless steel: suffix "X"

Ball Bearing Track rollers For Compact Rail

For MR, FXR rails





Part Number	e	D	C	M	B1	d1	g	lg	F	L	H	B2	d2	S	B3	N	LF	Cr	Co rad	Co ax	Mass
	mm												h7					KN			g
CH.RCV18G	-	13.2	7	4.6	1.1	6.8	M4	5.4	-	-	-	-	-	-	0	3		1.65	0.8	0.23	10
CH.REV18G	0.4	13.2	7	4.6	1.1	6.8	M4	5.4	-	-	-	-	-	-	0	3		1.65	0.8	0.23	10
CH.RCP18G	-	13.2	7	4.6	1.1	6.8	M4	5.4	11.96	2.5	3.35	-	-	-	0	3	0.9 (+/-0.45)	1.65	0.8	0	10
CH.REP18G	0.4	13.2	7	4.6	1.1	6.8	M4	5.4	11.96	2.5	3.35	-	-	-	0	3	0.9 (+/-0.45)	1.65	0.8	0	10
CH.RCU18G	-	11.95	7	4.6	1.1	6.8	M4	5.4	11.95	6	1.6	-	-	-	0	3	1.45 (+1/-0.45)	1.65	0.56	0	10
CH.REU18G	0.4	11.95	7	4.6	1.1	6.8	M4	5.4	11.95	6	1.6	-	-	-	0	3	1.45 (+1/-0.45)	1.65	0.56	0	10
																		0	0	0	0
CH.RCV43G	-	31.4	14	9	2	15	M8	10.5	-	-	-	-	-	-	0.3	6		7.6	4	1.19	50
CH.REV43G	0.8	31.4	14	9	2	15	M8	10.5	-	-	-	-	-	-	0.3	6		7.6	4	1.19	50
CH.RCP43G	-	31.5	14	9	2	15	M8	10.5	28.59	6	6	-	-	-	0.3	6	2.2(+/-1.1)	7.6	4	0	50
CH.REP43G	0.8	31.5	14	9	2	15	M8	10.5	28.59	6	6	-	-	-	0.3	6	2.2(+/-1.1)	7.6	4	0	50
CH.RCU43G	-	28.59	14	9	2	15	M8	10.5	28.59	14	2	-	-	-	0.3	6	3.6(+2.5/-1.1)	7.6	4	0	50
CH.REU43G	0.8	28.59	14	9	2	15	M8	10.5	28.59	14	2	-	-	-	0.3	6	3.6(+2.5/-1.1)	7.6	4	0	50
																		0	0	0	0
CH.RCF43	-	30.4	14	9	2	15	M8	10.5	27.2	9	7	-	-	-	0.3	6	4(+3/-1)	7.1	3.6	0	50
CH.REF43	0.8	30.4	14	9	2	15	M8	10.5	27.2	9	7	-	-	-	0.3	6	4(+3/-1)	7.1	3.6	0	50
CH.RCF43X	-	30.4	14	9	2	15	M8	10.5	27.2	9	7	-	-	-	0.3	6	4(+3/-1)	7.1	3.6	0	50
CH.REF43X	0.8	30.4	14	9	2	15	M8	10.5	27.2	9	7	-	-	-	0.3	6	4(+3/-1)	7.1	3.6	0	50
CH.RCV63	-	42.4	15.7	10.95	3.1	22.1	M10	18.8	38.4	-	-	-	-	-	0	17		11.2	6.4	2	80
CH.REV63	1.2	42.4	15.7	10.95	3.1	22.1	M10	18.8	38.4	-	-	-	-	-	0	17		11.2	6.4	2	80

Ring and Ball Material: SKF3 grade 100Cr6 (52100)
Cage: Nylon (PA66)
Grease: Kyodo Yushi SRL or SINOPEC 7014
Dimensional Tolerance: P6
Run Out Accuracy: P5
Temperature range: -20 °C to +120 °C
440C Stainless steel: suffix "X"