Rollers CRPN-CRPA

Available individually in all sizes as eccentric or concentric rollers. Crowned roller for K-rail.
Roller seals: Standard 2Z (2ZR for size 63) is the steel cover disc, which is supplied on all standard sliders.
For dusty environment and splash-proof applications, 2RS rubber seal rollers are available.
Rollers are lubricated for life.

Dimensions in mm.

Material: Steel 100Cr6. Also available in stainless steel AISI 440.

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

General Data

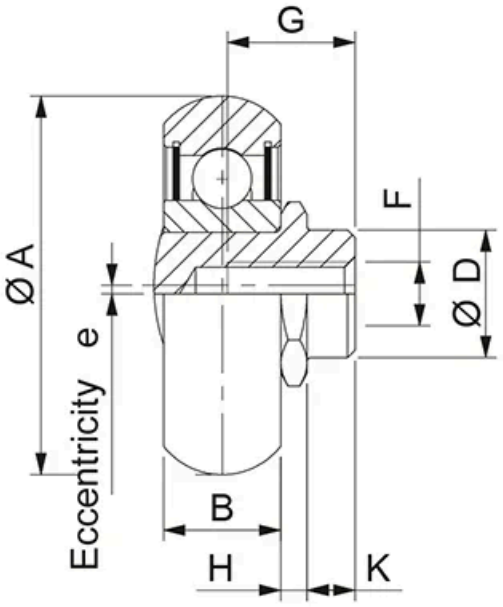
Designation	Size	Roller type	Material
CRPN43-2Z	43	Concentric	Steel
CRXPNX43-2RS	43	Concentric	Stainless steel
CRPA43-2Z	43	Eccentric	Steel
CRXPAX43-2RS	43	Eccentric	Stainless steel
CRPN63-2ZR	63	Concentric	Steel
CRXPNX63-2RS	63	Concentric	Stainless steel
CRPA63-2ZR	63	Eccentric	Steel
CRXPAX63-2RS	63	Eccentric	Stainless steel

Dimensions

Version
Crowned (K-rail)

CRPN
Concentric roller

CRPA
Eccentric roller



Designation	A	B	D	e	H	G	F	K
CRPN43-2Z	35.6	11	12	-	2.5	12	M6	4.5
CRXPNX43-2RS	35.6	11	12	-	2.5	12	M6	4.5
CRPA43-2Z	35.6	11	12	0.8	2.5	12	M6	4.5
CRXPAX43-2RS	35.6	11	12	0.8	2.5	12	M6	4.5
CRPN63-2ZR	49.7	17.5	18	-	2.3	16	M8	6
CRXPNX63-2RS	49.7	17.5	18	-	2.3	16	M8	6
CRPA63-2ZR	49.7	17.5	18	1.2	2.3	16	M10	6
CRXPAX63-2RS	49.7	17.5	18	1.2	2.3	16	M10	6

Load & Weight

Designation	C (N)	C0rad (N)	Weight (kg)
CRPN43-2Z	6140	2550	0.06
CRXPNX43-2RS	6140	2550	0.06
CRPA43-2Z	6140	2550	0.06

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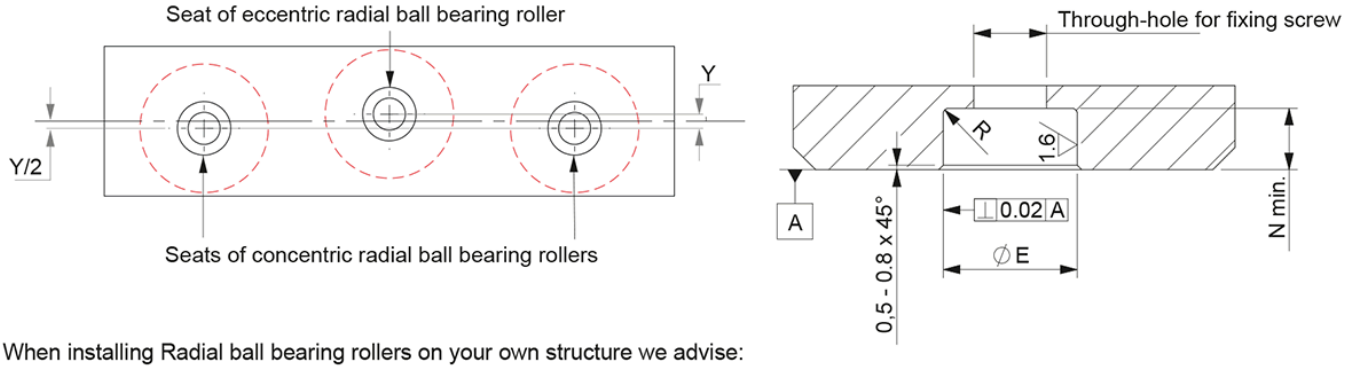
Designation	C (N)	C0rad (N)	Weight (kg)
CRXPAX43-2RS	6140	2550	0.06
CRPN63-2ZR	15375	5775	0.19
CRXPNX63-2RS	15375	5775	0.19
CRPA63-2ZR	15375	5775	0.19
CRXPAX63-2RS	15375	5775	0.19

Assembly Dimensions & Tolerances



When installing Radial ball bearing rollers on your own structure we advise:

- Using a maximum of 2 concentric radial ball bearing rollers.
- Offset the seats of the concentric radial ball bearing rollers with respect to those of the eccentric radial ball bearing rollers according to the information below.

Designation	Y	E	N min.	Radius R
CRPN43-2Z	0.72	12 + 0.05/+0.02	5.5	1
CRXPNX43-2RS	0.72	12 + 0.05/+0.02	5.5	1
CRPA43-2Z	0.72	12 + 0.05/+0.02	5.5	1
CRXPAX43-2RS	0.72	12 + 0.05/+0.02	5.5	1
CRPN63-2ZR	0.55	18 + 0.02/-0.02	7	1
CRXPNX63-2RS	0.55	18 + 0.02/-0.02	7	1
CRPA63-2ZR	0.55	18 + 0.02/-0.02	7	1
CRXPAX63-2RS	0.55	18 + 0.02/-0.02	7	1

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