

R

1

6

7

1

2

1

4

2

0

1671	1672
x	x
x	x
x	

GoTo Options

Size	Preload	Accuracy
5=20/40	9=C0	4=N
2=25/70	1=C1	3=H
3=35/90	2=C2	2=P

Type	Seals	w/o chain
1=G1	0=SS	standard
2=G2	1=LS	low friction
6=CR	Z=DS	double lip seal
7=CR		
	2=SS	standard
	Y=DS	double lip seal

Part Number:
Wide Runner Block (Ball)

Sizes 20/40 Sizes 25/70	Sizes 35/90
BNS 2 R1671 ... 7. 	BNS 1. R1671 ... 6. 
CNS 2 R1672 ... 7. 	

R 1 6 7 1 2 1 4 2 0

Seals

Gen2 = 20, 2Z, 2Y, 2Y
Gen1 = 10 (35/90 only)
CR = 70, 7Z, 7Y, 60

Refer to catalog series for
available combination

Accuracy Class

2 = P 3 = H 4 = N

Preload Class

9 = C0 = 10 µm clearance
1 = C1 = 2%
2 = C2 = 8%

Note: Approximate %

Size

5 = 20/40 2 = 25/70 3 = 35/90

Type of Runner Block

1671 = BNS
1672 = CNS

R1672 ... 2.

Type

1 = Gen1 6 = CR (Gen1)
2 = Gen2 7 = CR (Gen2)

Definition of Ball Runner Block Format				
Width	Wide	B		
	Compact	C		
Length	Normal		N	
Height	Standard			S

7	5	2	0	3	3	1
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1673	1676	Size	Style	Accuracy	Type	# pieces
x		5=20/40	0	4=N	3=CS	1 = 1
x	x	2=25/70	5	3=H	4=CR	2 = 2
x	x	3=35/90		2=P		etc.

0

0

Part Number: Ball Rail (Wide)

R

16

75

2

0

3

3

1

1000

Length in mm

Number of rails to be joined

3 = CS
4 = CR

Accuracy Class

2 = P 3 = H 4 = N

Style

0 = Plastic hole plugs, bottom mount
5 = Steel hole plugs

Size

5 = 20/40 2 = 25/70 3 = 35/90

Rail Type

75= Wide top mount (CS)
77= Wide bottom mount (CS)
73= Wide top mount (CR)
76= Wide top mount, steel plug (CS)

Rail Material

16 = CS and CR

Ball Runner Blocks		Ball Guide Rails				
		N (μm)	H (μm)	P (μm)	SP (μm)	UP (μm)
N	Tolerance dimension H	±100	±48	±32	±23	±19
	Tolerance dimension A3	±40	±28	±22	±20	±19
	Max. difference in dimensions H and A3 on one rail	30	30	30	30	30
H	Tolerance dimension H	±92	±40	±24	±15	±11
	Tolerance dimension A3	±32	±20	±14	±12	±11
	Max. difference in dimensions H and A3 on one rail	15	15	15	15	15
P	Tolerance dimension H	±88	±36	±20	±11	±7
	Tolerance dimension A3	±28	±16	±10	±8	±7
	Max. difference in dimensions H and A3 on one rail	7	7	7	7	7
XP	Tolerance dimension H	±88	±36	±20	±11	±7
	Tolerance dimension A3	±28	±16	±10	±8	±7
	Max. difference in dimensions H and A3 on one rail	7	7	7	7	7
SP	Tolerance dimension H	±87	±35	±19	±10	±6
	Tolerance dimension A3	±27	±15	±9	±7	±6
	Max. difference in dimensions H and A3 on one rail	5	5	5	5	5
UP	Tolerance dimension H	±86	±34	±18	±9	±5
	Tolerance dimension A3	±26	±14	±8	±6	±5
	Max. difference in dimensions H and A3 on one rail	3	3	3	3	3

Tolerance for combination of accuracy classes