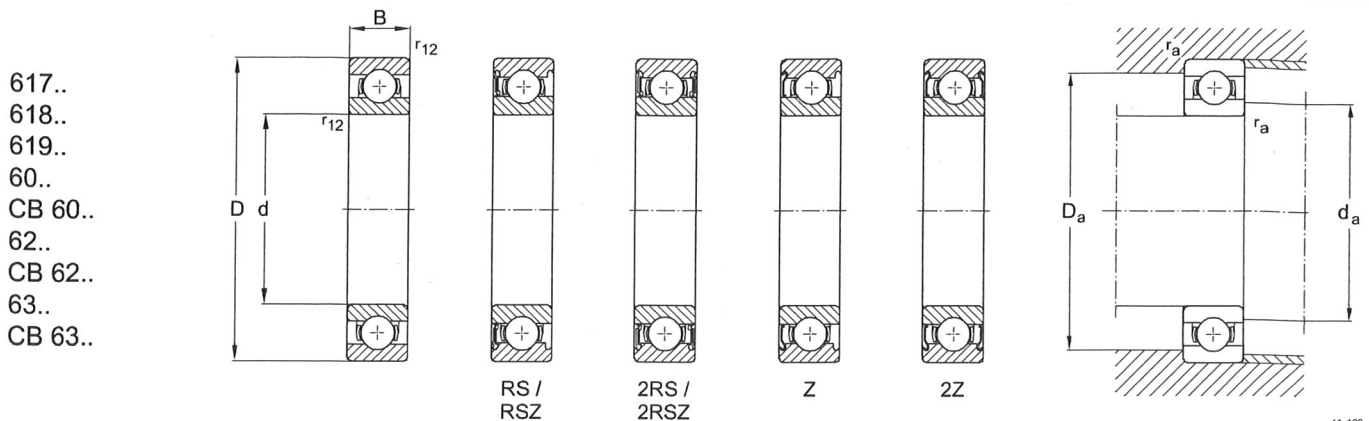


## 6. Designation of IBC Precision Single Row Deep Groove Ball Bearings



41-102

CB	60	14		TB	P63		GH73
617	01	.2RS	.Y				
618	05	.2Z			C3		
63	08	.2Z			P64		
ACC-	60	10		TB	P53	X22	A15 .GH62

Material	
–	Steel rollers 100 Cr6
CB	Ceramic rollers $\text{Si}_3\text{N}_4$
AC-	Rings ATCoated
ACC-	Rings ATCoated + balls $\text{Si}_3\text{N}_4$

Series	
617..	60..
618..	62..
619..	63..

Bore code	
00	10 mm
01	12 mm
02	15 mm
03	17 mm
At number 04 and upward x 5 [mm]	

Sealing	
–	Open
Z	Shield (at one side)
2Z	Shield (at both sides)
RS	Seal (at one side)
2RS	Seal (at both sides)
RSZ	Seal, low friction, at one side up to Ø 62 mm
2RSZ	Seal, low friction, at both sides up to Ø 62 mm
RSD	Seal, low friction, at one side at Ø 62 mm and above
2RSD	Seal, low friction, at both sides at Ø 62 mm and above

Cage			
–	Steel sheet cage (standard)	JH	Steel sheet snap cage
TB	Fabric reinforced phenolic resin cage located on inner ring	THB	Fabric reinforced phenolic resin cage
TA	Fabric reinforced phenolic resin cage located on outer ring	MA	Solid machined brass, located on outer ring
LB	Aluminium cage located on inner ring	MB	Solid machined brass, located on inner ring
LA	Aluminium cage located on outer ring	KA	PEEK located on outer ring
PH	Polyamide snap cage	KB	PEEK located on inner ring
		Y	Brass sheet cage

Lubrication	
–	Corrosion protected
G..	BearLub grease

Coating with ATCoat	
A11	Inner and outer ring ATCoated
A15	Inner and outer ring ATCoated, rolling elements and cage corrosion resistant*
A 21	Inner ring ATCoated
A 31	Outer ring ATCoated

Grading	
X03	Outer diameter in 3 groups
X20	Bore in 2 groups
X22	Outer diameter and bore in 2 groups
X33	Outer diameter and bore in 3 groups

Precision classes and radial clearance	
P6, P63, P5, P52, P53	
C2	
CN	
C3	
C4	
e.g.: P53 = P5 + C3	

Designation system 41-900

\*Corrosion protection depending on application, for further information please refer to main catalogue