



**FAG**

## S2BCH-100MM-FL

Plummer block housing unit

FAG split cylindrical roller bearing housing

### Technical information



#### Main Dimensions & Performance Data

d	100 mm	Shaft diameter
H	314,325 mm	Housing height
B	476,25 mm	Length base
≈m	53,524 kg	Weight



**Dimensions**

	S2BCH-100MM-FL	Complete unit float
	S2BCH-100MM-HD	Complete unit held
	PH-7	Housing designation
A	142,875 mm	Center height
C	171,45 mm	Base width
D	60,325 mm	Base height
E <sub>min</sub>	400,05 mm	Base hole distance 1 min
E <sub>min</sub>	423,862 mm	Base hole distance 1 max
F	114,3 mm	Base hole distance 2
s	4	# of mounting bolts
s	19,05 mm	Mounting bolt diameter
	S2BC-100MM-FL	Cartridge float bearing
	S2BC-100MM-HD	Cartridge held bearing
	S2C-400	Cartridge
G	146,05 mm	Length through bore
L	231,775 mm	Outside diameter cartridge
	0,635 kg	Grease capacity
	26,308 kg	Cartridge weight
	S2B-100MM-FL	Bearing float
	S2B-100MM-HD	Bearing held
	9,888 kg	Bearing weight
	400 Grp	Bearing group
C <sub>r</sub>	329.877,024 N	Basic dynamic load rating, radial
C <sub>0r</sub>	467.315,776 N	Basic static load rating, radial
C <sub>a</sub>	3.384,928 N	Basic dynamic load rating, axial
	2.230 1/min	Limiting speed
D <sub>0</sub>	193,675 mm	Outside diameter bearing
C <sub>0</sub>	91,999 mm	Width inner ring
B <sub>0</sub>	51,587 mm	Width outer ring





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12.06.2026, 14:26:12 UTC

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