

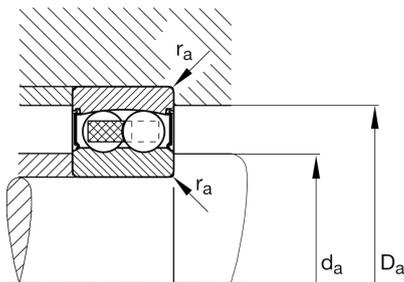
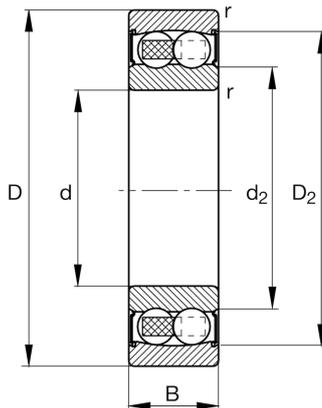
FAG

**2208-2RS-TVH**

Self-aligning ball bearing

Schaeffler ID:  
0167028590000Self-aligning ball bearing 22...-2RS-TVH,  
seals, plastic cage

## Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	23 mm	Width
$C_r$	19.400 N	Basic dynamic load rating, radial
$C_{0r}$	6.500 N	Basic static load rating, radial
$C_{ur}$	415 N	Fatigue load limit, radial
$n_G$	4.950 1/min	Limiting speed
	0,502 kg	Weight

**Mounting dimensions**

$d_{a \min}$	47 mm	Minimum diameter shaft shoulder
$D_{a \max}$	73 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius

**Dimensions**

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$D_2$	70,3 mm	Caliber diameter outer ring
$d_2$	49,2 mm	Caliber diameter inner ring

**Temperature range**

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

**Calculation factors**

e	0,22	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,91	Dynamic axial load factor
$Y_2$	4,51	Dynamic axial load factor
$Y_0$	3,05	Static axial load factor