

BK29

Bellows coupling BK29

for encoder with shaft $\varnothing$ 6 mm, 8 mm, 10 mm or 12 mm*.

Max. offset of shafts radial: $\pm 0,25$ mm or $\pm 0,30$ mm*

Torsion spring stiffness: 150 Nm/rad or 130 Nm/rad*



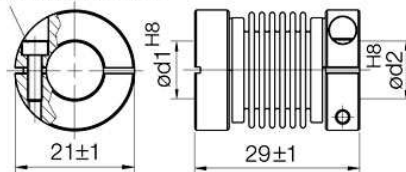
Product data

Max. operating speed	10000 rpm
Max. torque	120 Ncm
Max. offset of shafts radial	± 0.25 mm, ± 0.30 mm*
Max. offset of shafts axial	± 0.4 mm
Max. offset of shafts angular	$\pm 4^\circ$
Torsion spring stiffness	150 Nm/rad
Radial spring stiffness	25 N/mm
Moment of inertia	9 / 15 gcm ² *
Max. clamping torque	100 Ncm
Weight	15 g / 17 g*
Material	Flange: Aluminium, anodised, Bellows: stainless steel
Order number(s)	
BK290606	Bellows coupling: $\varnothing$ d1 = 6 mm, $\varnothing$ d2 = 6 mm
BK290610	Bellows coupling: $\varnothing$ d1 = 6 mm, $\varnothing$ d2 = 10 mm
BK290612	Bellows coupling: $\varnothing$ d1 = 6 mm, $\varnothing$ d2 = 12 mm*
BK290808	Bellows coupling: $\varnothing$ d1 = 8 mm, $\varnothing$ d2 = 8 mm
BK291010	Bellows coupling: $\varnothing$ d1 = 10 mm, $\varnothing$ d2 = 10 mm
BK291012	Bellows coupling: $\varnothing$ d1 = 10 mm, $\varnothing$ d2 = 12 mm*
BK291212	Bellows coupling: $\varnothing$ d1 = 12 mm, $\varnothing$ d2 = 12 mm*

Drawings and STEP-Data

All dimensional specifications in mm

Cylinder screw
M2,5x8 DIN 912



FB29B

Bellows coupling FB29B

for encoder with shaft Ø 4 mm, 6 mm, 8 mm, 10 mm or 12 mm.



Product data

Max. operating speed	10000 rpm
Max. torque	120 Ncm
Max. offset of shafts radial	±0.25 mm
Max. offset of shafts axial	±0.4 mm
Max. offset of shafts angular	±4°
Torsion spring stiffness	150 Nm/rad
Radial spring stiffness	25 N/mm
Moment of inertia	8 gcm ²
Max. clamping torque	150 Ncm
Weight	15 g
Material	Flange: Aluminium, anodised, Bellows: stainless steel

Order number(s)

FB29B0404	Bellows coupling: Ø d1 = 4 mm, Ø d2 = 4 mm
FB29B0406	Bellows coupling: Ø d1 = 4 mm, Ø d2 = 6 mm
FB29B0606	Bellows coupling: Ø d1 = 6 mm, Ø d2 = 6 mm
FB29B0610	Bellows coupling: Ø d1 = 6 mm, Ø d2 = 10 mm
FB29B0612	Bellows coupling: Ø d1 = 6 mm, Ø d2 = 12 mm
FB29B0808	Bellows coupling: Ø d1 = 8 mm, Ø d2 = 8 mm
FB29B1010	Bellows coupling: Ø d1 = 10 mm, Ø d2 = 10 mm
FB29B1012	Bellows coupling: Ø d1 = 10 mm, Ø d2 = 12 mm
FB29B1212	Bellows coupling: Ø d1 = 12 mm, Ø d2 = 12 mm

Drawings and STEP-Data

All dimensional specifications in mm

