

BK8

With iso flange connection

50 – 2,600 Nm



Feataures

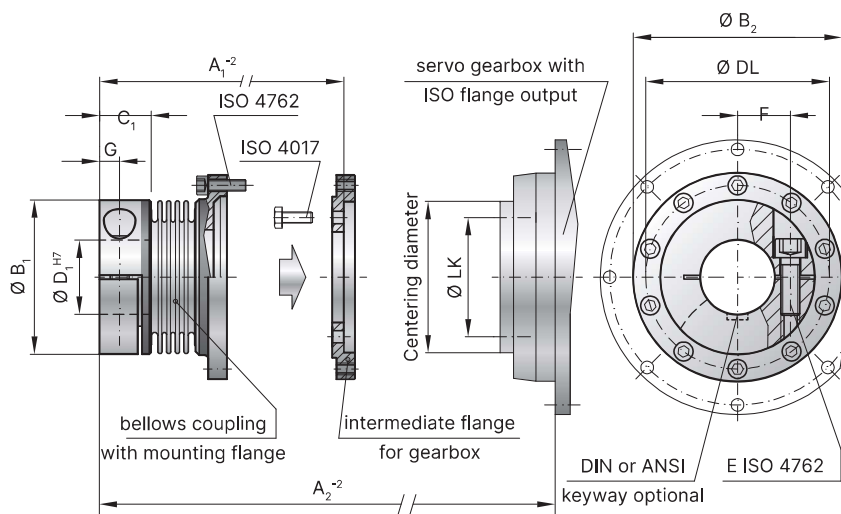
- for ISO flange output gearboxes
- allows for continuous hollow through axis with some right angle gearbox designs
- compact design

Material

- **Bellows:** high grade stainless steel
- **Hubs:** up through size 300 aluminum, size 1500 and up steel
- **Adapter flange:** steel

Design

One clamping hub on one end with an integral flange and adapter flange on the other end. Maximum transmittable torque depends on the bore diameter.



Model BK8

Size			15	60	150	300	1,500
Flange centering diameter	(mm)		40 h7	63 h7	80 h7	100 h7	160 h7
Flange bolt circle / thread Ø	(mm)		31.5 / 8 x M5	50 / 8 x M6	63 / 12 x M6	80 / 12 x M8	125 / 12 x M10
Maximum torque*	(Nm)		50	210	380	750	2,600
Length -2	(mm)	A ₁	48.5	67	72	90	140
Length -2	(mm)	A ₂	68	97	101	128	190
Outside diameter of hub	(mm)	B ₁	49	66	82	110	157
Flange diameter	(mm)	B ₂	63.5	86	108	132	188
Fit length	(mm)	C ₁	16.5	23	27.5	34	55
Inside diameter possible from Ø to Ø H7	(mm)	D ₁	12-28	14-35	19-42	24-60	50-80
Hub bolt circle	(mm)	DL	56.5	76	97	120	170
Fastening threads	(mm)		10 x M4	10 x M5	10 x M6	12 x M6	16 x M8
Fastening screws ISO 4762		E ₁	1 x M5	1 x M8	1 x M10	1 x M12	2 x M20
Tightening torque of the fastening screw	(Nm)		8	45	80	120	470
Distance between centerlines	(mm)	F	1 x 17.5	1 x 23	1 x 27	1 x 39	2 x 55
Distance	(mm)	G	6.5	9.5	11	13	22.5
Approximate weight	(kg)		0.3	0.7	1	2.8	10
Moment of inertia	(10 ⁻³ kgm ²)	J _{ges}	0.15	0.65	1.3	5.5	45
Lateral	± (mm)		0.25	0.25	0.25	0.25	0.25
Angular	± (degree)	Max. values	1	1	1	1	1
Axial	± (mm)		1	1.5	2	2.5	3