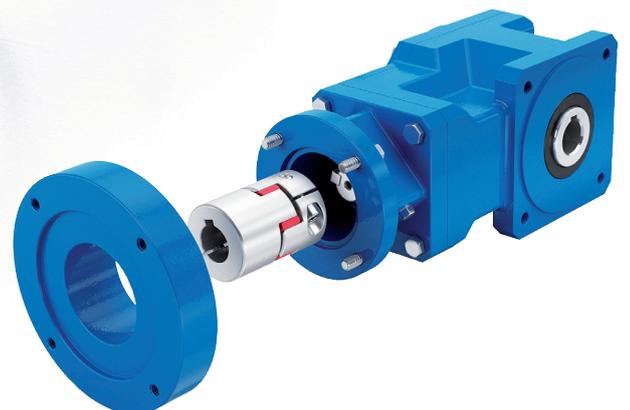
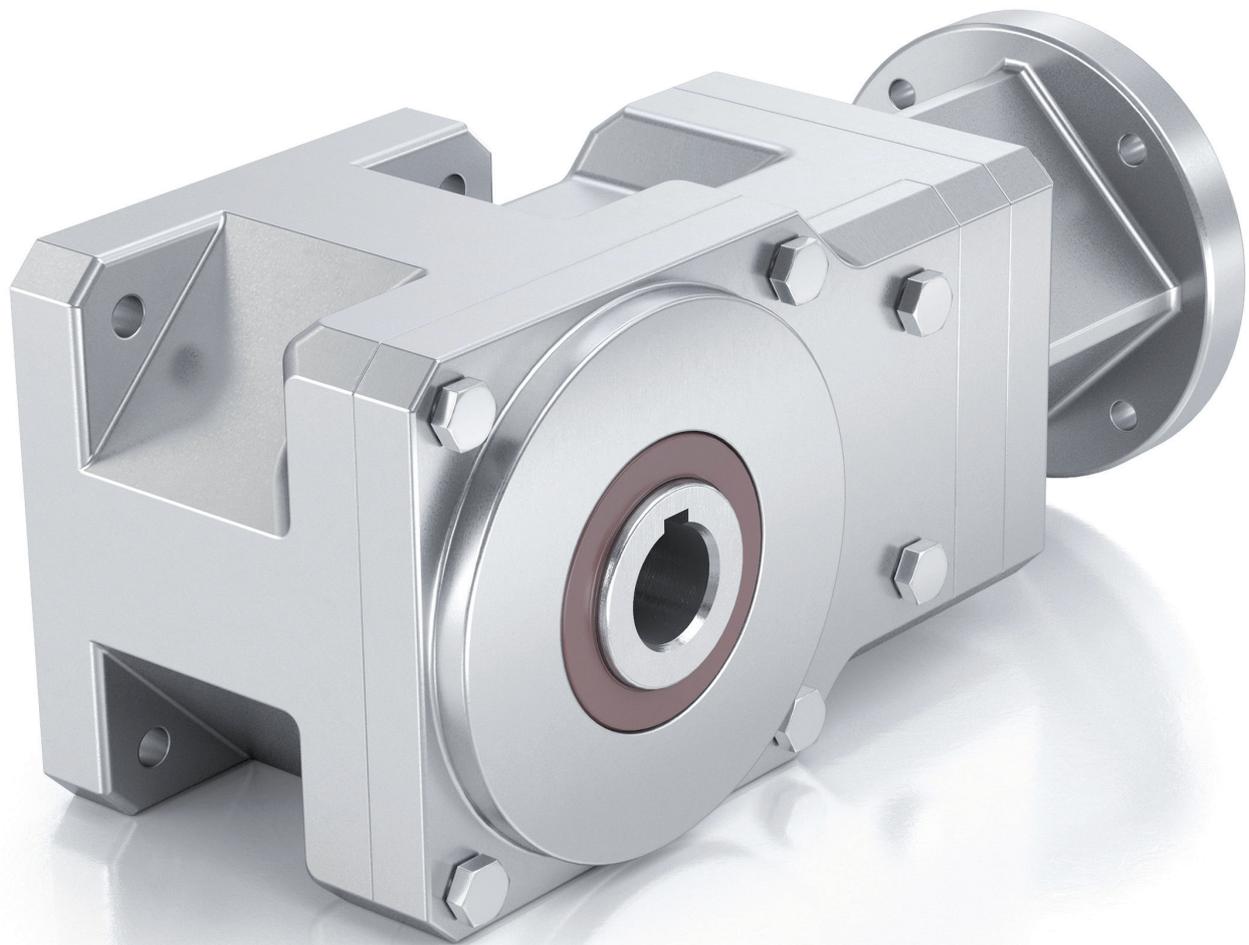




BEVEL-HELICAL GEARBOX KS210

The compact drive unit for high-dynamic applications

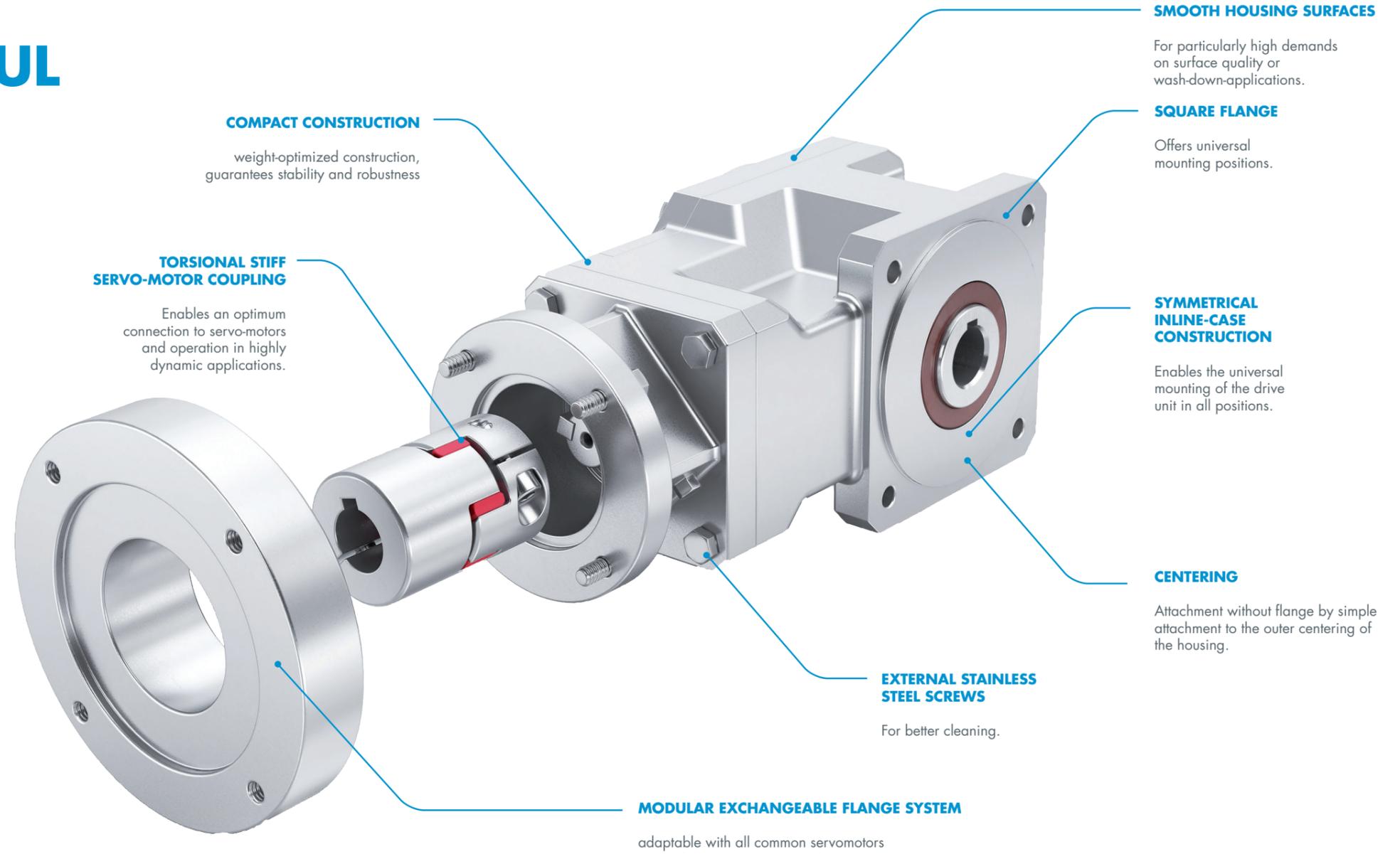


**success based on
quality and reliability**

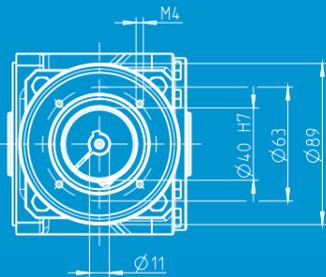
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EFFICIENT, POWERFUL AND MODULAR

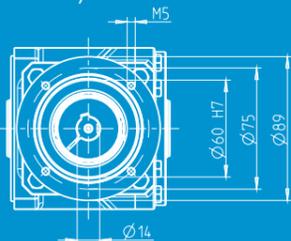
Bevel-helical gearbox KS210



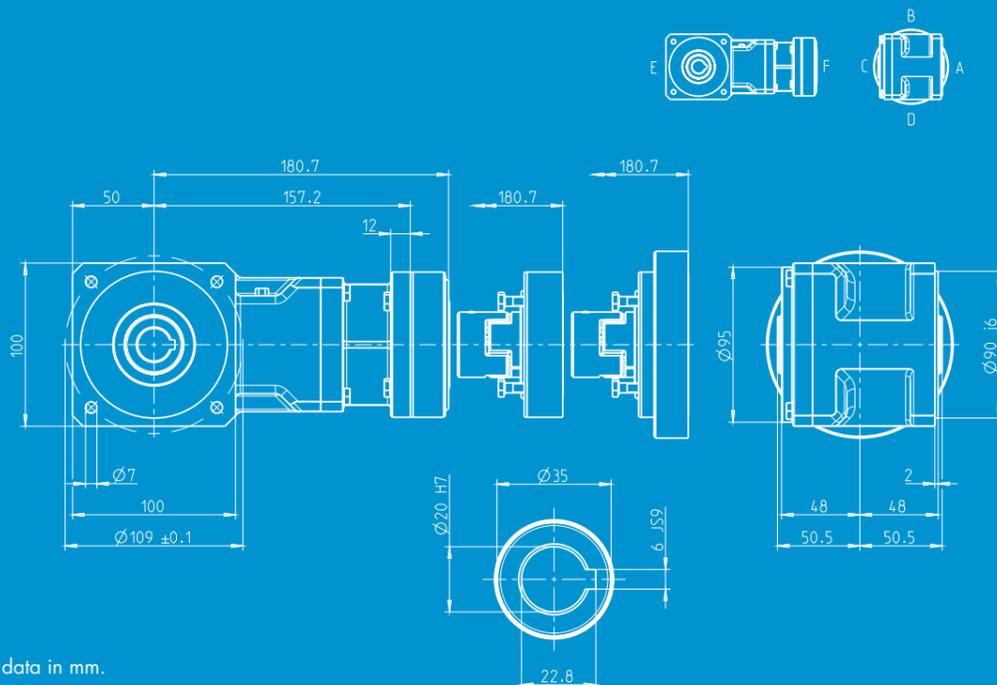
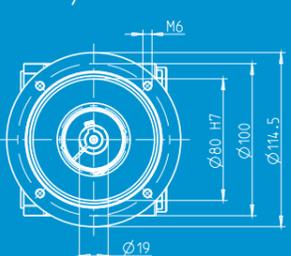
Possibility 1



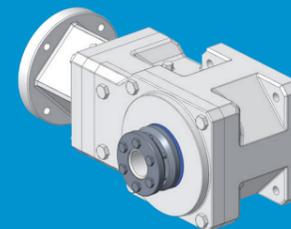
Possibility 2



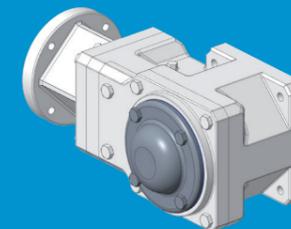
Possibility 3



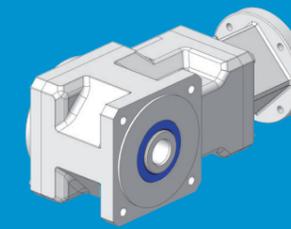
OPTIONS (excerpt)



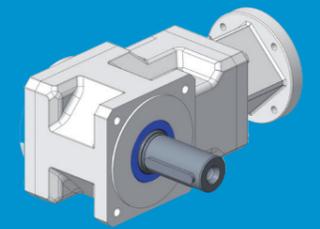
Hollow shaft with shrink disc



Stainless steel hood for covering hollow shaft



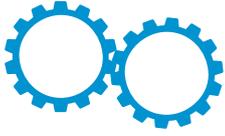
Stainless steel version



Version with solid shaft

*Further motor adaptations on request. All data in mm.

Highlights



HIGH EFFICIENCY



MAINTENANCE-FREE AND LUBRICATED FOR LIFE



HOUSING ALSO IN STAINLESS STEEL VERSION



EASY CLEANING THANKS TO SMOOTH SURFACE



MODULAR SYSTEM



HIGH PROTECTION CLASS

Technical data

i	TN [Nm]	TB [Nm]	TS [Nm]	J 10 ⁻⁴ [kgm ²]
4:1	24	31	43	1.9
6:1	36	48	70	1.7
8:1	45	58	81	1.6
10:1	36	48	70	1.4
12:1	36	48	70	1.3
14:1	36	48	70	1.3
15:1	45	58	81	1.4
18:1	45	58	81	1.3
20:1	60	70	85	1.3
21:1	45	58	81	1.3
24:1	60	70	85	1.3
28:1	60	70	85	1.3

TN = Nominal torque | TB = Max. acceleration torque
TS = Emergency shut-off moment max. 500 times | J = Mass moment of inertia

Circumferential backlash	< 6 arcmin
Weight	approx. 4.55 kg
Efficiency at full load	92 %
Radial force at n ₂ = 200 1/min, Lifetime bearing > 20.000 hours (reinforced bearing)	2,200 N
Nominal input speed / max. input speed – permissible operation temperature must not be exceeded	3,000 1/min
Lifetime	> 30,000 h
Lubricant	Lifetime lubrication
Protection class	IP65
Mounting position	universal
Permissible operation temperature	-20°C to +90°C

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