



Product overview SCHUNK - Weiss

Superior Clamping and Gripping



Product overview SCHUNK - Weiss

 	
ERT	ST
12	ST-075-3
50	ST-140-1
ERT	TO
300	TO 150 C
300	TO 220 C-1

Interner Gebrauch –internal use–Interner Gebrauch –internal use–Interner Gebrauch

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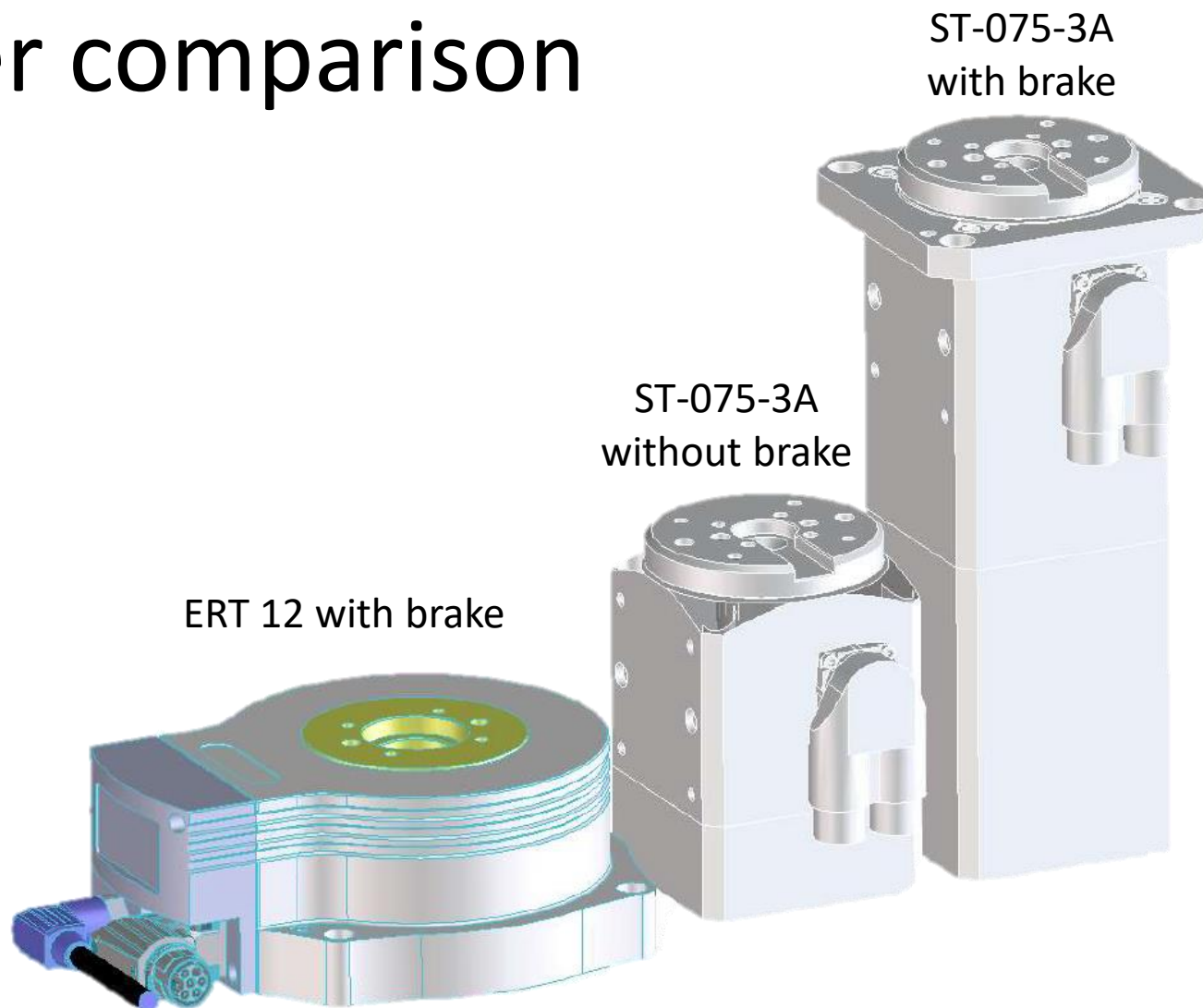


Designation	ERT 12	ST-075-3A
Rated-/maximum torque [Nm]	1,52/4,17	1,4/4,2
Max. RPM [1/min]	600	1600
Moment of inertia [kgm²]	0,0007	0,0018
Weight without/with brake [Kg]	2,4/2,7	2,7/?
IP protection class	40 (Optional 54)	not specified
Dimension X x Y x Z [mm]	172 x 135 x 64	100 x 100 x 163
Height without/with brake [mm]	64/64	163/221
Diameter center bore [mm]	25	7
Radial/axial runout [mm]	0,02/0,02	0,01/0,01
Repeat accuracy [°]	0,01	0,005
Intermediate circuit voltage [V]	900	600
Rotary feed-through	Yes	No
Encoder system	Absolut	Absolut
Interface	Hiperface/DRIVE-CLiQ	Hiperface/EnDat 2.2
Brake	electrical	electrical
Holding torque brake [Nm]	1,4	4,5



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Diameter comparison



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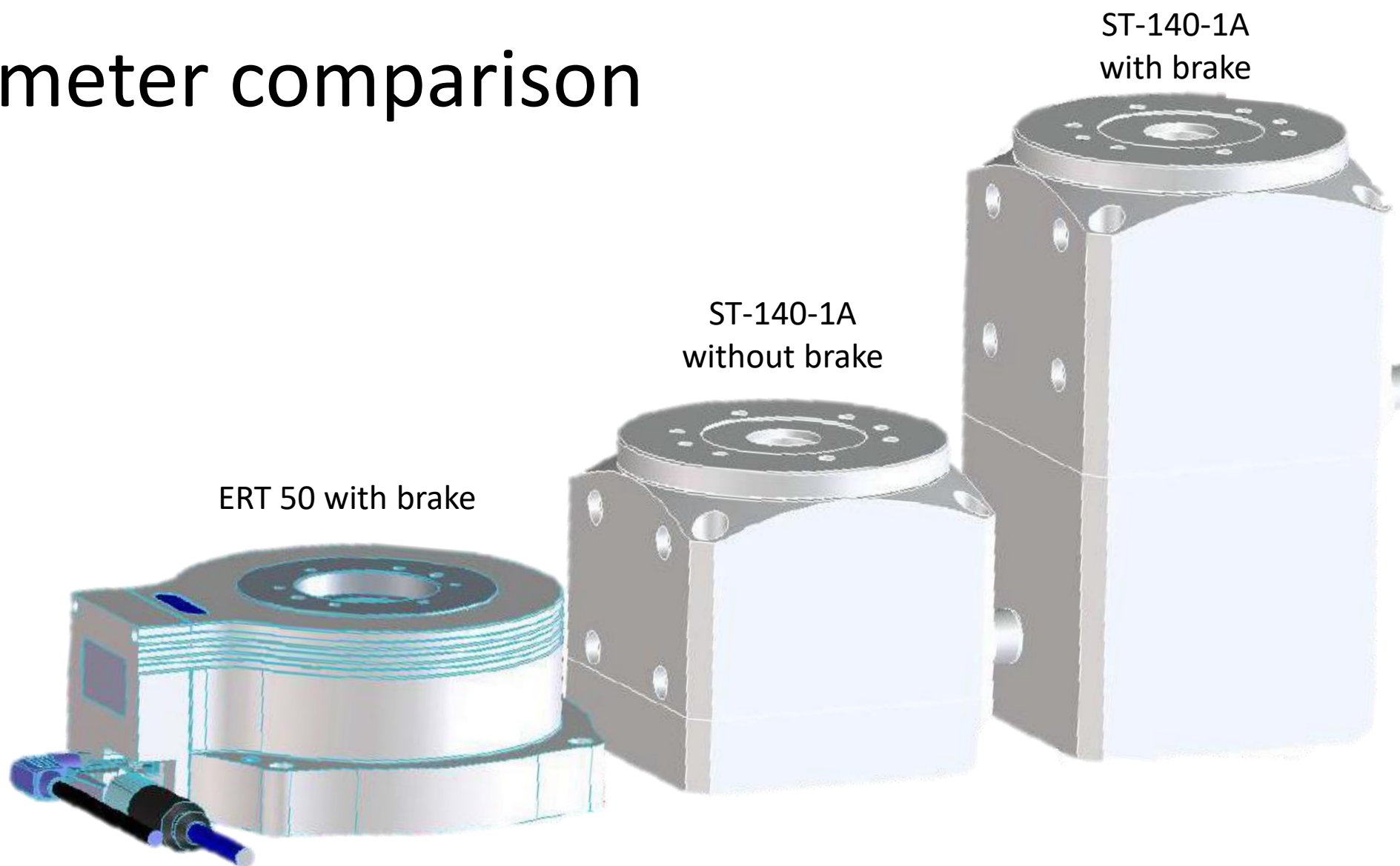


Designation	ERT 50	ST-140-1A
Rated-/maximum torque [Nm]	7,8/20,1	6/18
Max. RPM [1/min]	350	1400
Moment of inertia [kgm²]	0,0039	0,00276
Weight without/with brake[Kg]	5,7/6,46	6,9/?
IP protection class	40 (Optional 54)	not specified
Dimension X x Y x Z [mm]	224 x 190 x 85	140 x 140 x 134
Height without/with brake [mm]	85/85	134/224
Diameter center bore [mm]	42	28
Radial/axial runout [mm]	0,05/0,05	0,01/0,01
Repeat accuracy [°]	0,01	0,005
Intermediate circuit voltage [V]	900	600
Rotary feed-through	Yes	No
Encoder system	Absolut	Absolut
Interface	Hiperface/DRIVE-CLiQ	Hiperface/EnDat 2.2
Brake	electrical	electrical
Holding torque brake [Nm]	7	50



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Diameter comparison



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Designation	ERT 300	TO150C	TO220C-1
Rated-/maximum torque [Nm]	32/76	16/45	54/130
Max. RPM [1/min]	150	240	250
Moment of inertia [kgm ²]	0,05529	0,04	0,16
Weight without/with brake [Kg]	19,5/23,8	16/?	32/?
IP protection class	40 (Optional 54)	not specified	not specified
Dimension X x Y x Z [mm]	359 x 330 x 110	185 x 166 x 163	265 x 250 x 145
Height without/with brake [mm]	110/110	164/-	145/-
Diameter center bore [mm]	92	20	20,5
Radial/axial runout [mm]	0,05/0,05	0,01/0,01	0,01/0,01
Repeat accuracy [°]	0,01	0,002	0,002
Intermediate circuit voltage [V]	900	560	560
Rotary feed-through	Yes	No	No
Encoder system	Absolut	Absolut	Absolut
Interface	Hiperface/DRIVE-CLiQ	EnDat 2.2	EnDat 2.2
Brake	electrical	No	No
Holding torque brake [Nm]	31	-	-



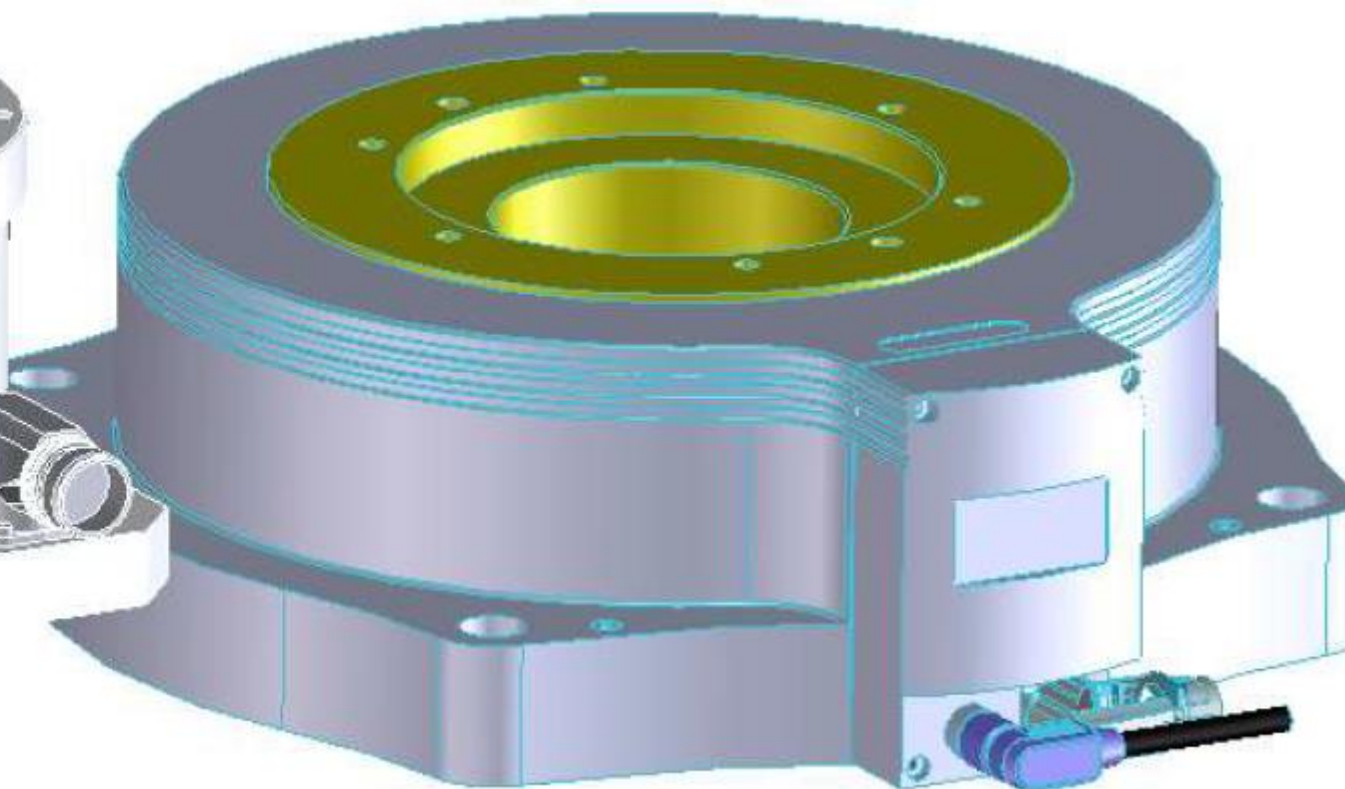
Interner Gebrauch –internal use–Interner Gebrauch –internal use–Interner Gebrauch

Diameter comparison

TO150C without brake

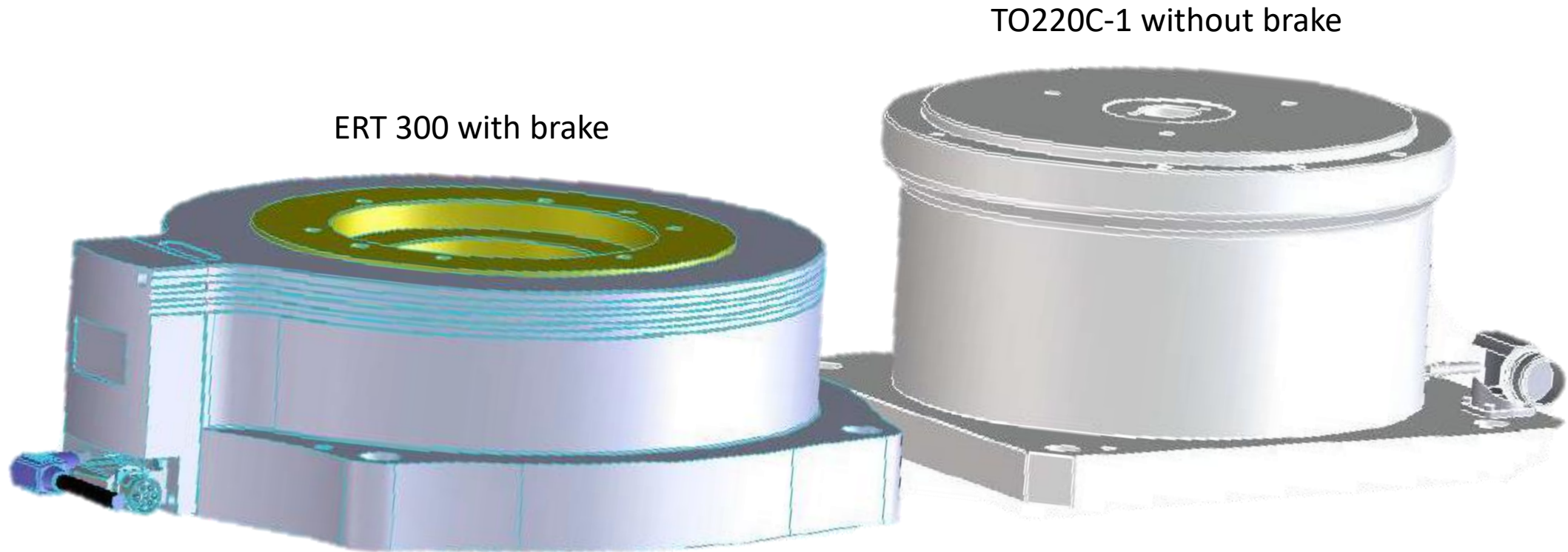


ERT 300 with brake



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Diameter comparison



ERT 300 with brake

TO220C-1 without brake

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