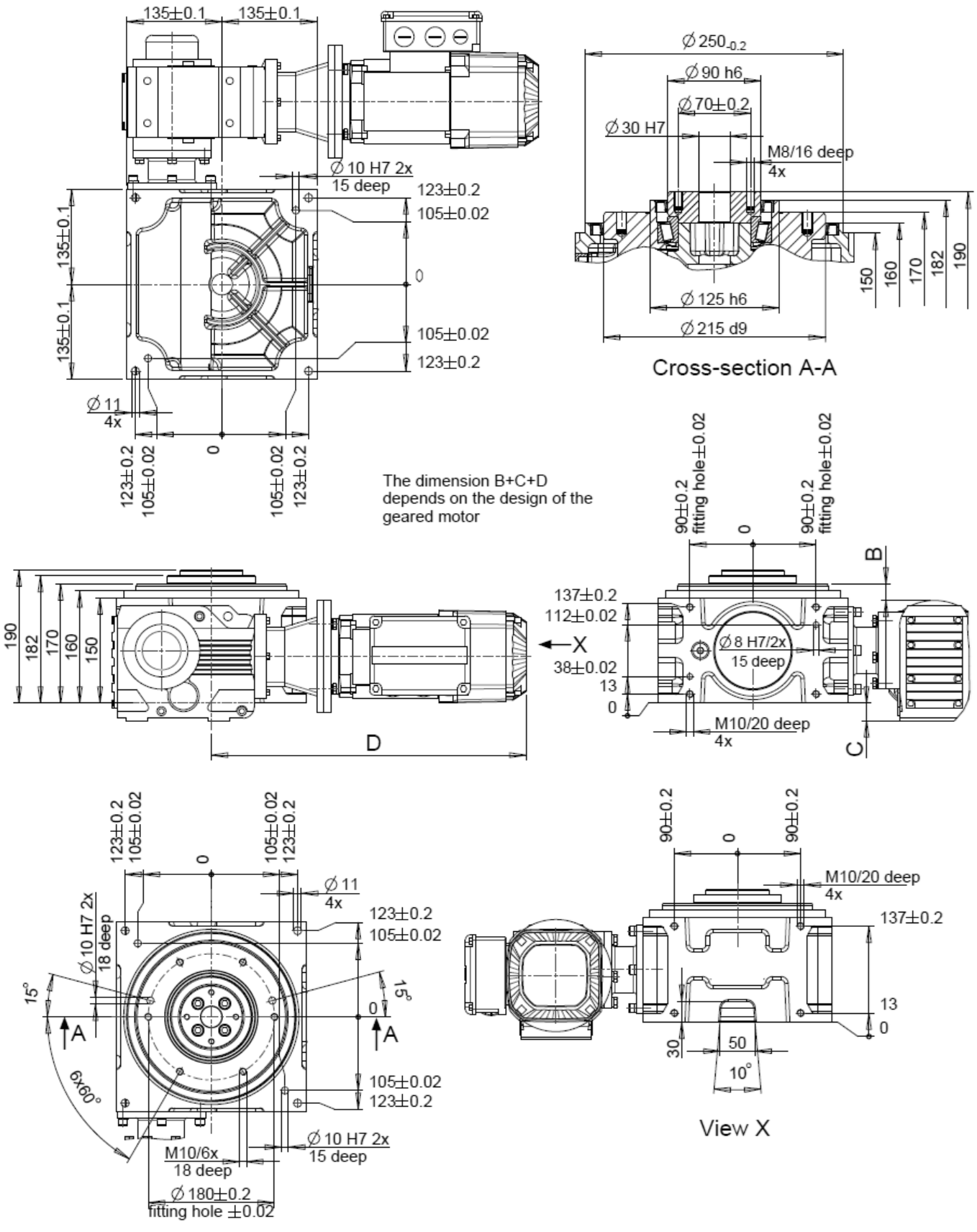

135±0.1
135±0.1
Ø 10 H7 2x
15 deep
123±0.2
105±0.02
0
105±0.02
123±0.2
135±0.1
135±0.1
Ø 11
4x
123±0.2
105±0.02
0
105±0.02
123±0.2
Ø 250 -0.2
Ø 90 h6
Ø 70±0.2
Ø 30 H7
M8/16 deep
4x
150
160
170
182
190
Ø 125 h6
Ø 215 d9
Cross-section A-A
The dimension B+C+D
depends on the design of the
geared motor
90±0.2
fitting hole±0.02
0
90±0.2
fitting hole±0.02
B
137±0.2
112±0.02
X
38±0.02
13
0
Ø 8 H7/2x
15 deep
M10/20 deep
4x
C
190
182
170
160
150
D
123±0.2
105±0.02
0
105±0.02
123±0.2
Ø 11
4x
123±0.2
105±0.02
Ø 10 H7 2x
18 deep
15°
A
0
15°
A
6x60°
105±0.02
123±0.2
M10/6x
18 deep
Ø 10 H7 2x
15 deep
Ø 180±0.2
fitting hole ±0.02
90±0.2
0
90±0.2
M10/20 deep
4x
137±0.2
13
0
30
50
10°
View X

Data sheet –Index unit– TSH300

Indexing Table for vertical and horizontal applications.

Technical Data of the TSH300

Dimensions

Type	TSH300	
Height	190	mm
Dialplate Diameter	215	mm
Middle passage	30	mm
Recommended outer diameter Ø	1.500	mm
Weight	40	kg
Oil quantity CLP 460	0,7	l

Loads on Dialplate*

static Tilt moment M_{tilt}	300	Nm
static Axial Force F_{axial}	10.000	N
static Radial Force F_{radial}	3.500	N
dynamic Output Torque M_{ab}	500	Nm

**Combined loads only after verification by SOPAP*

TSH-series:

Type	Load capacity [kg]	M_{output} [Nm]
TSH 100	300	90
TSH 200	750	160
TSH 300	1.000	500
TSH 400	1.500	850
TSH 450	2.900	1.500
TSH 590	7.700	2.400
TSH 720	9.700	6.400
TSH 900	11.700	11.000
TSH 1090	16.700	20.000
TSH 1560	28.000	25.000
TSH 1960	34.000	40.000
TSH 2800	47.500	60.000
TSH 2900	60.000	127.000
TSH 5040	82.000	145.000

Standard:

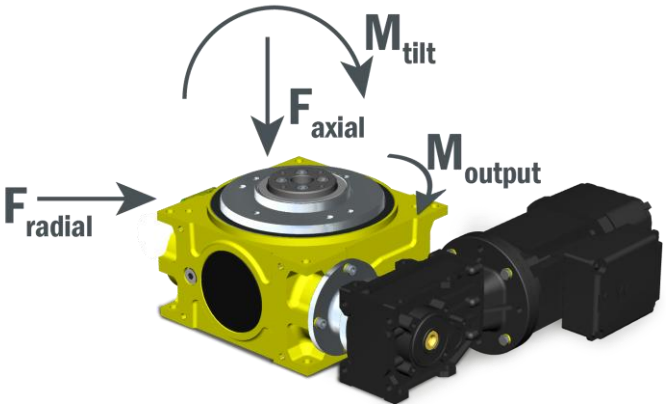
Colours:

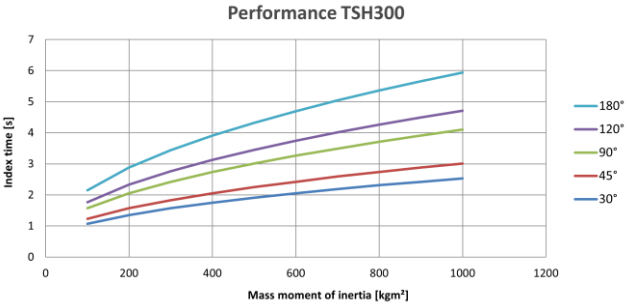
- standard colour RAL7035 (light grey)

Drive: Bevel gear and servo motor

Specifications:

- Accuracy ± 0,05 mm at Rs 75 mm
- Repeatability ± 0,025 mm
  at Rs 75 mm
  without control, purely mechanical





**Index times were determined for standard configurations, Deviation possible.*

Accessories:

- ETSR rotary distributor
- Frequency inverters and motors
  | Standard SEW
  | optional other manufacturers
  | Motor adaptations/ couplings
- Cable protectors
- External switches for position and overtravel
- Referencing pegs
- Pegs for maintenance
- Precision Locks
- Tool carriers
- Foundation or levelling plates
- Platforms and elevations

| Other accessories and versions on request

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