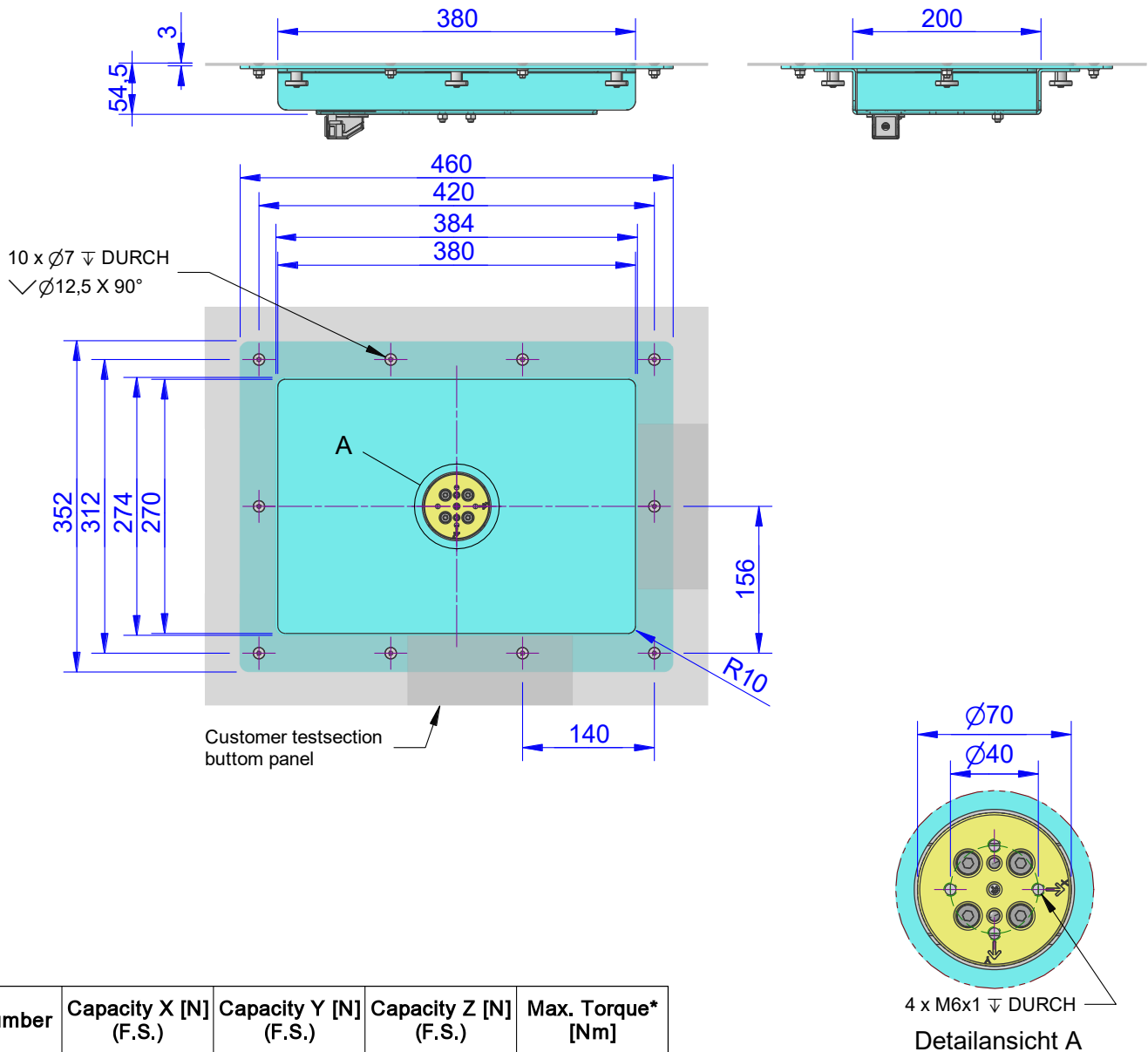


3AW(a)

3-axis wind tunnel balance

for force measurement (tension & compression)
in three perpendicular axes



Ordernumber	Capacity X [N] (F.S.)	Capacity Y [N] (F.S.)	Capacity Z [N] (F.S.)	Max. Torque* [Nm]
3AW(a)-50	50	50	50	100
3AW(a)-100	100	100	100	100
3AW(a)-200	200	200	200	100

*only x,y,z forces are measurable, no torque

Specifications:

Dimension / Material		
Material		Steel/Aluminium
Protection class		IP 66
Hardness (load area)	HRC	8..14
Mechanical Data		
Safe Load Limit	% of F.S.	150
Breaking Load	% of F.S.	300
Precision		
Uncertainty (k=2 / 95%)	% of F.S.	±0,5
Temp. Shift Zero	% of F.S./K.	±0,05
Temp. Shift Span	% of F.S./K.	±0,05
Temperature		
Compensated Temp.	°C	-10...+60
Operating Temp.	°C	-20...+70

