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Centrifugal force test for fan wheels: Order / Offer

Fan data

Type of Fan:

No. of blades:

Drawing No.:

Dimensions:	x	(mm)		
Boring diameter / Arbor:		(mm)	Tolerances:	cylindrical / conical
Operational speed (n-max):		(rpm)		
Weight:		(kg)		
Unbalance:		(gmm)		
Type of bearing:		one-sided / double-sided		
Direction of rotation:		left / right / marked (view from the vacuum side)		

Material data

Hub disc:	Thickness:	mm	Strength:	(MPa)	Yield stress
Blades	Thickness:	mm:	Strength:	(MPa)	
Ring:	Thickness:	mm	Strength:	(MPa)	

Test data

- ☐ Deformation measurement with ohmic displacement transducers (Static, Resolution 0.01 mm)
- ☐ Deformation measurement with a laser light barrier (Dynamic, Resolution 0.01 mm)
- ☐ Strain measurement with strain gauges
- ☐ Test up to a test speed of (rpm)
- ☐ Test up to the beginning of permanent deformation

Test temperature:	°C	Start speed:	rpm
max. Test speed:	rpm	Steps:	rpm
		Step duration:	sec / min

Place, date signature