

CUSTOMER

Company: _____ Name: _____
 _____ Phone: _____
 Address: _____ Email: _____
 City/country: _____ Date: _____

GEN. INFORMATION

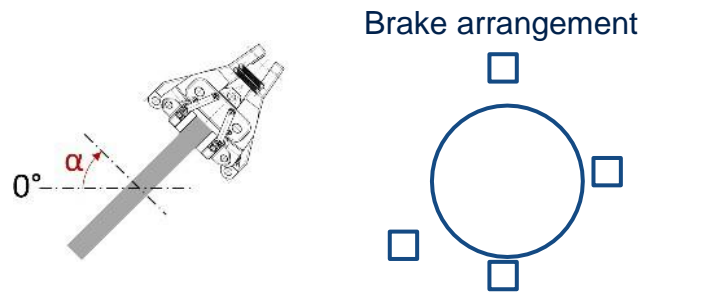
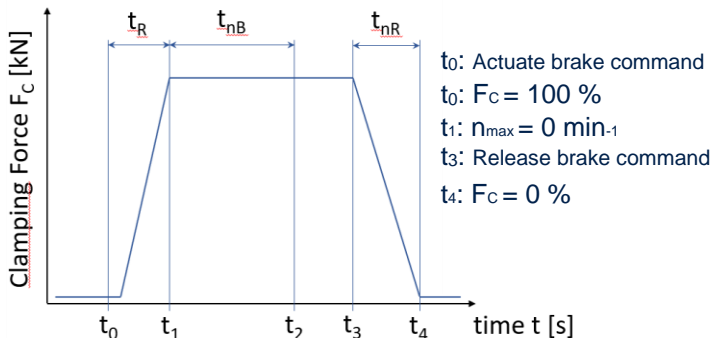
Project description: _____
 Function / Purpose of the brake system: _____
 Type of machine: _____

BRAKE TYPE

Active operation: Mechanical Pneumatic Hydraulic Electrical
 Passive operation (spring-operated): pneumatically opened hydraulically opened electrically opened
 Other/comments: _____

TECHNICAL REQUIREMENTS

Outer diameter of the brake disc	$\varnothing D_A$	mm	Mass inertia of the mass on the brake disc	J	kg m ²
Max. diameter of the brake disc	$\varnothing D_{max}$	mm	Thickness of the brake disc	b	mm
Max. speed of the brake disc	n_{max}	min ⁻¹	Number of brakes per brake disc	Z	Pcs.
Mass to be braked	m	kg	Engine power	P	kW
Mass inertia of the system calculated at BS	I	kg m ²	Brake actuation/year		a ⁻¹
Shortest brake interval		h ⁻¹	<p>Clamping Force F_c [kN]</p> <p>time t [s]</p> <p>t_0 t_1 t_2 t_3 t_4</p> <p>t_R t_{nB} t_{nR}</p> <p>to: Actuate brake command t0: $F_c = 100\%$ t1: $n_{max} = 0 \text{ min}^{-1}$ t3: Release brake command t4: $F_c = 0\%$</p>		
Brake time	t_B	s			
Required response time	t_R	s			
Net brake time	t_{nB}	s			
Net release time	t_{nR}	s			
Brake torque (excl. safety factor)	M_B	Nm			
Safety factor					
<input type="checkbox"/> min. <input type="checkbox"/> max. brake torque	$M_{B'}$	Nm			
Brake torque as a function of mass	$M_{B,m}$	Nm			
Mounting position	α	°			



TECHNICAL

Controlled brake process required? yes no

Control variable speed duration signal other _____

INSTALLATION
 CONDITIONS

Temperature: T_{min} °C T_{max} _____ °C Humidity: _____ %

Onshore: covered outside offshore: on deck below deck

Further specifications: _____

POWER
 SOURCE

Available voltage: _____ VAC / VDC _____ Hz

hydraulic unit available: yes included

Specific hydraulic oil: _____

Required functions: _____

Output signal: Pressure sensor Temperature sensor Level sensor
 Other: _____

Pneumatic source available: p_{max} bar _____ Nominal Debit: _____ \dot{V} l/min

DEMAND

Delivery date: _____ (KW/year)

Quantity: _____ Pcs. / Month

ADDITIONAL
 INFORMATION

Required documentation: Material certificate Initial sample test report
 Other _____

Special properties _____

Application: _____

Special requests: _____

Required standards: _____

If available, please send us drawings, photos or other information, e.g., regarding the installation situation.

OTHER
