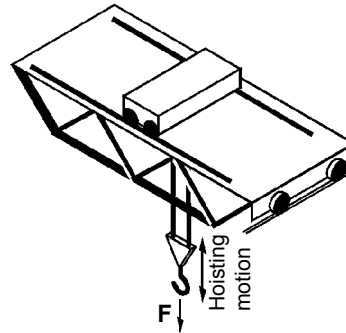


Disc brakes

Questionnaire

Hoisting motion - Service brake

Builder: _____
 User: _____
 Type of crane: _____
 Project: _____



	CODE	SPECIFICATIONS	VALUES (metric)
Essential informations	F	Safe working load (SWL).....	_____ t
	P	Total sprung weight (F + accessories).....	_____ t
	V	Lowering nominal speed.....	_____ m/min
	NB	Motor: number	_____
	KW	power.....	_____ kW
	JM	inertia ($J=mr^2$)	_____ kgm ²
	N	nominal speed corresponding to V	_____ r.p.m.
	NM	maximum lowering speed with SWL.....	_____ r.p.m.
	NV	maximum lowering speed with light hook.....	_____ r.p.m.
	RE	Is electrical slowdown used (yes or no).....	_____
	NF	If yes, speed at which brake is applied.....	_____ r.p.m.
	AC	Disc associated with a flexible coupling (brand and type).....	_____
	DR	If yes, gear box shaft diameter.....	_____ mm
	DM	motor shaft diameter.....	_____ mm
	FED	Dynamic test factor.....	_____ %
FES	Static test factor.....	_____ %	
NME	Maximum motor speed when lowering test load	_____ r.p.m.	
FH	Brake application per hour.....	_____ b/h	
FT	Motion cyclic duration factor	_____ %	
Special conditions	D	Stopping distance	_____ m
	A	Ambient temperature	_____ °Celsius
	RS	If planetary gear box is used (please, give details)	_____
	FR	Is standby brake required (yes or no).....	_____
Results for normal operating	RESULTS OF CALCULATIONS		CALCULATION N°
	CF	Type of brake.....	_____ Nm
	T	Braking torque	_____ sec
	T + ΔT	Braking time.....	_____ sec
	D	Total stopping time.....	_____ m
	FH	Stopping distance	_____ b/h
		Maximum brake applications per hour.....	

Due to continuous development and improvement, all dimensions and characteristics are subject to change without notice.

21/06/19

Q01310-01-C