Disc brakes

Technical data and dimensions

Caliper OOSA

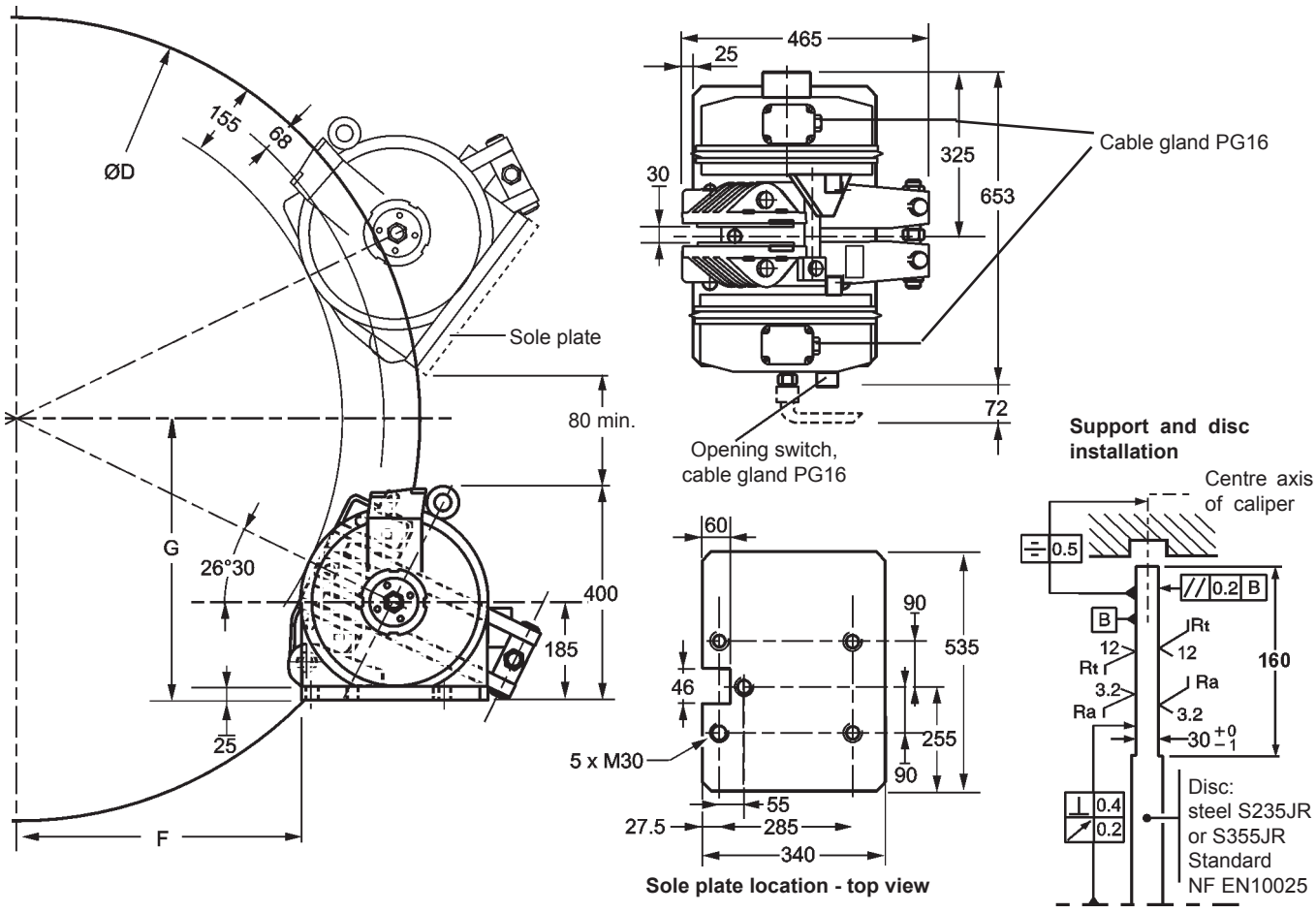
Fail safe braking
Braking by spring application
Electromagnetic release
Manual lining wear compensation
Detection of full lining wear
Opening proving switch

Operating conditions:
- Ambiant temperature: -10°C to +60°C
- Relative humidity ≤ 70%
- Dust in atmosphere ≥ 65µ

Other conditions, consult us.

Use:
The brake should be applied only in case of emergency stop, overspeed or shutdown of electric mains.

Options:
- Manual release lever
- Hydraulic release
- Load regulated lowering
- Flameproof protection
- Marine protection



Designation	Caliper		OOSA
	Lining ∗		US2-1
Braking force BF	Static Dynamic	N N	54 000 60 000
Linear speed of the disc		m/s	≤ 10
Dynamic braking torque BT (N.m) for 1 caliper and 1 disc ØD (mm)	1000 mm 1200 mm 1500 mm 2000 mm	N.m N.m N.m N.m	25 900 31 900 40 900 55 900
BT for other ØD (mm)		N.m	BT = BF (D/2000 - 0,068)
F		mm	F = (0,4475 × ØD) - 150
G		mm	G = 196 + (0,2231 × ØD)

Weight: 300 kg
Response time at nominal torque :
see the leaflet of the associated electrical power supply.
Force values are subject to a variation of ±10%.

Opening proving switch :

250VAC maxi., 5A maxi., with interrupting capacity : 50VA maxi

220VDC maxi., 5A maxi., with interrupting capacity : 50W maxi

Compatible with PLC (Programmable Logic Controllers).
An opening switch used with other equipment than PLC must not be reused with a PLC.

∗**US2-1**: disc temperature during one braking ≤ 150°C
US2-5: disc temperature during one braking ≤ 350°C, optional, consult us.

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

Electrical power units	Leaflets No. T04800-01, T04810-01	Installation and maintenance	Leaflet No. M08300-01	22/03/16
AS/DS100 :	T10035-01/02/03, T10036-01, T10037-01, T10038-01	Spare parts	No. S09300-01	
Drawings	No. G06400-01			**T03770-01-E**