

Brake Caliper DS 280 FEM

spring activated – electrohydraulically released

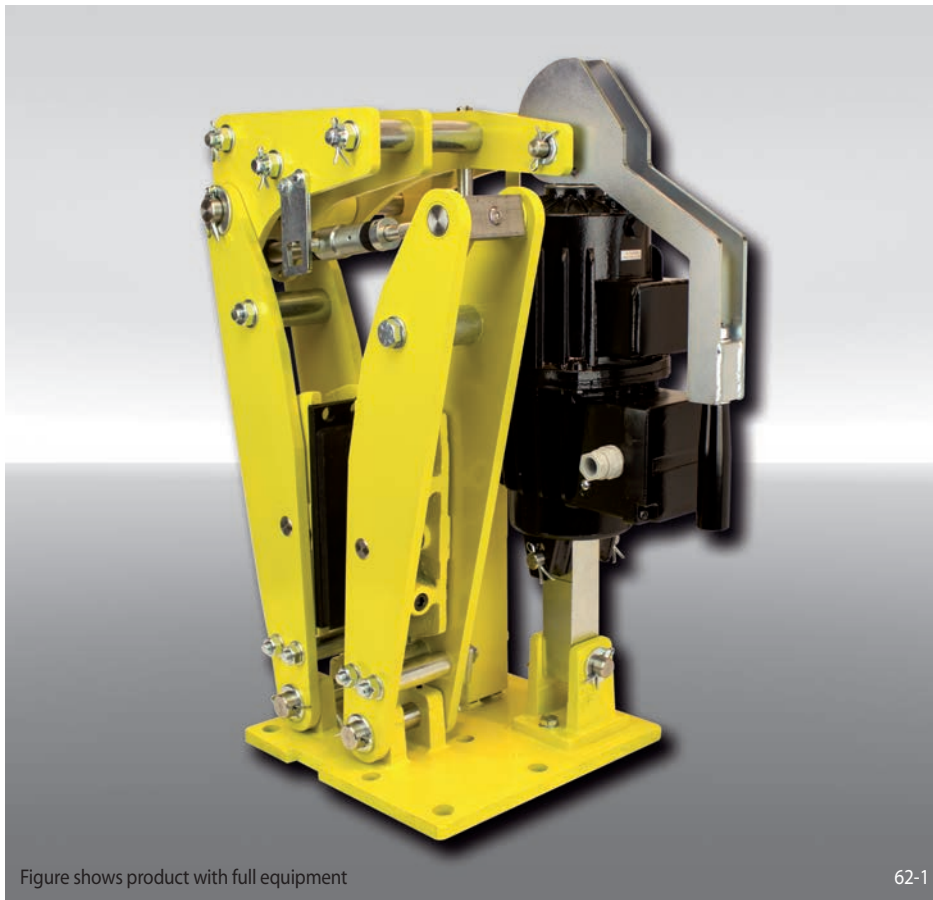


Figure shows product with full equipment

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Features	Code
Brake Caliper	D
Disc Brake	S
Frame size 280	280
Spring activated	F
Electrohydraulically released	E
Manual adjustment to accommodate friction block wear	M
Thrustors 453, 455 or 456 are available	453 455 456
Thrustors mounted right or left available	R L
Thickness of brake disc 30 mm	30

Example for ordering

Brake Caliper DS 280 FEM, thrustor 456, thrustor mounted right, thickness of brake disc 30 mm:

DS 280 FEM - 456 R - 30

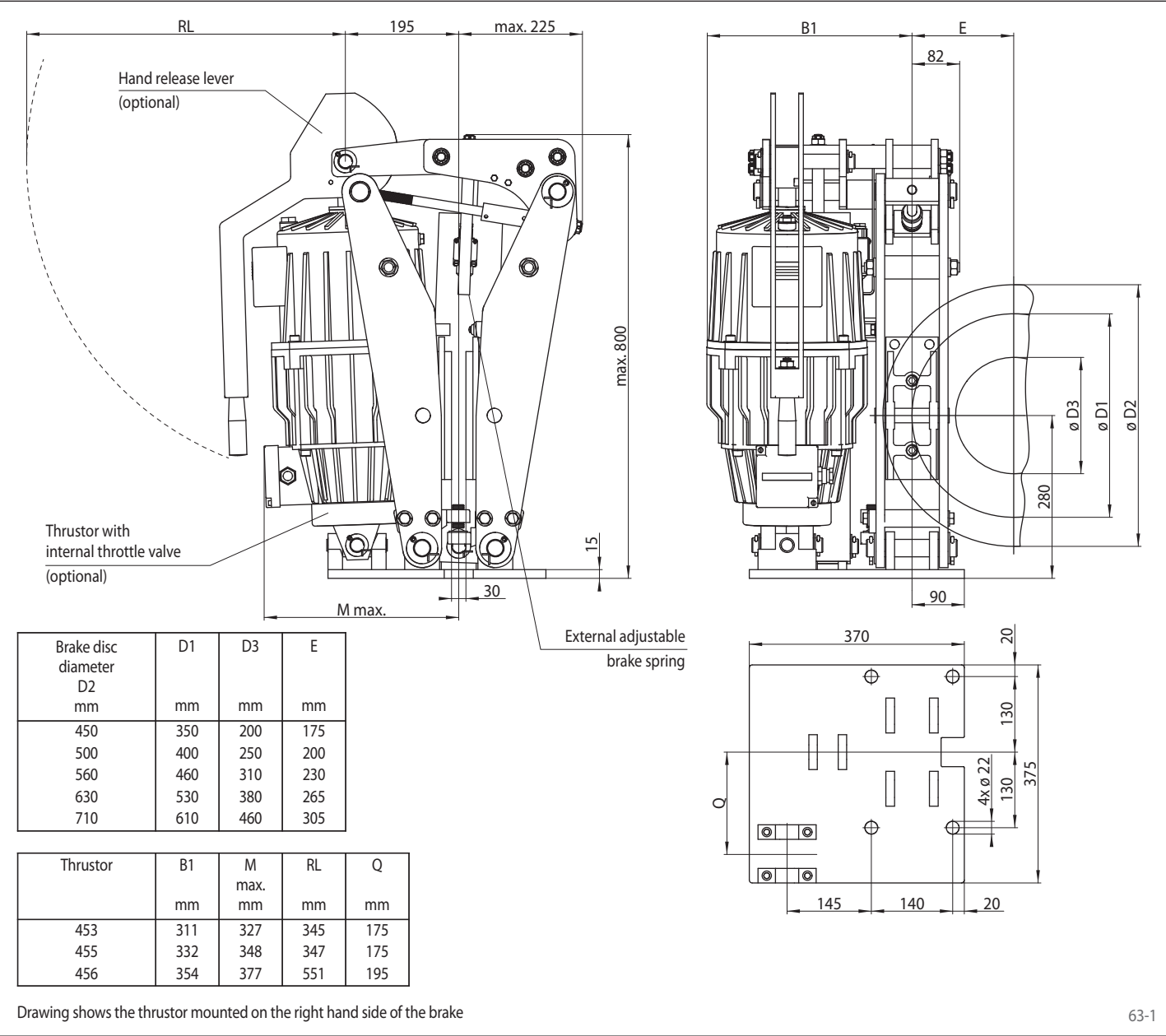
Technical Data

	Brake Caliper DS 280 FEM		
	with thrustor 453	with thrustor 455	with thrustor 456
Brake disc diameter	Braking torque	Braking torque	Braking torque
mm	Nm	Nm	Nm
450	1 400	2 800	4 650
500	1 550	3 100	5 150
560	1 750	3 450	5 800
630	1 950	3 900	6 500
710	2 200	4 400	7 350
Clamping force	9 700 N	19 400 N	32 200 N
Braking torque adjustable	20 - 100%	20 - 100%	20 - 100%
Power input	250 W	350 W	750 W
Oil volume	3,5 L	4,5 L	11 L
Voltage	230/400 V	230/400 V	230/400 V
Weight	125 kg	132 kg	155 kg

The braking torques shown in the table are based on a theoretical friction coefficient of 0,4.

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Options

- Micro-switch wear control
- Micro-switch status control
- Hand release lever
- Thrustor with internal throttle valve
- Thrustor in heat resistant design
- Corrosion protected design
- Friction lining of sintered metall