

Brake Caliper DS 230 FEM

spring activated – electrohydraulically released

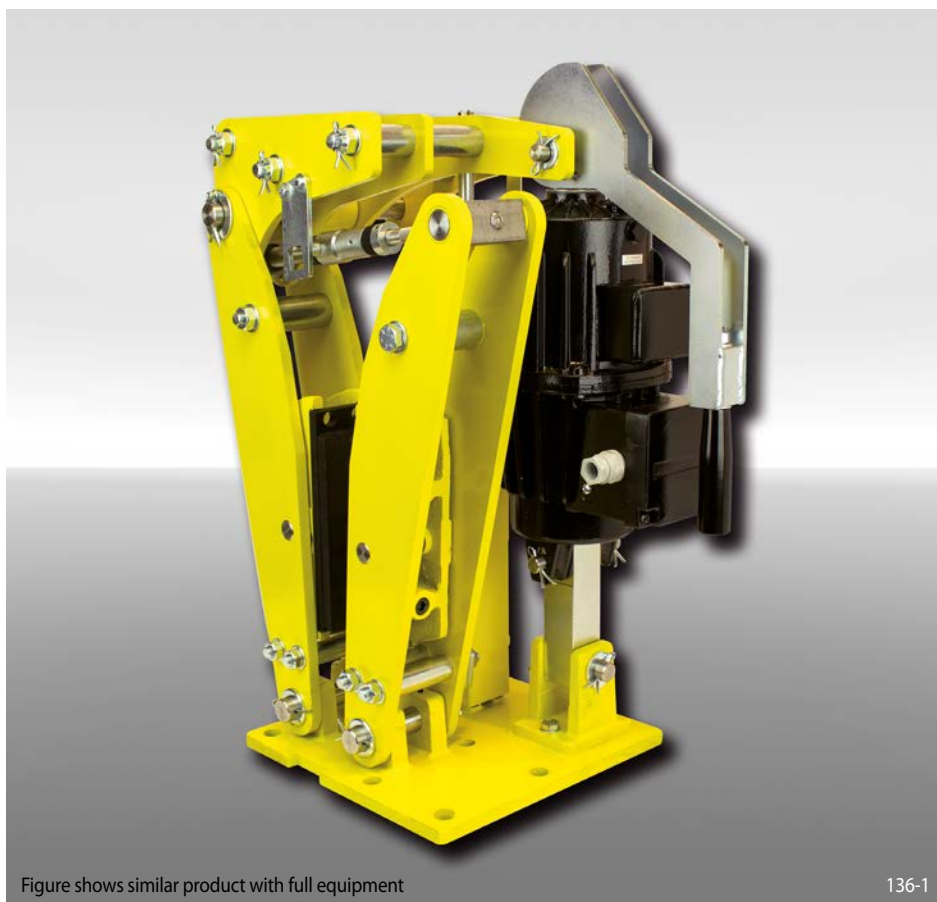


Figure shows similar product with full equipment

136-1

Features	Code
Brake Caliper	D
Disc Brake	S
Frame size 230	230
Spring activated	F
Electrohydraulically released	E
Manual adjustment to accommodate friction block wear	M
Thrusters 451, 452, 453 or 454 are available	451 to 454
Thrusters mounted right or left available	R L
Thickness of brake disc 30 mm	30

Example for ordering

Brake Caliper DS 230 FEM, thruster 453, thruster mounted right, thickness of brake disc 30 mm:

DS 230 FEM - 453 R - 30

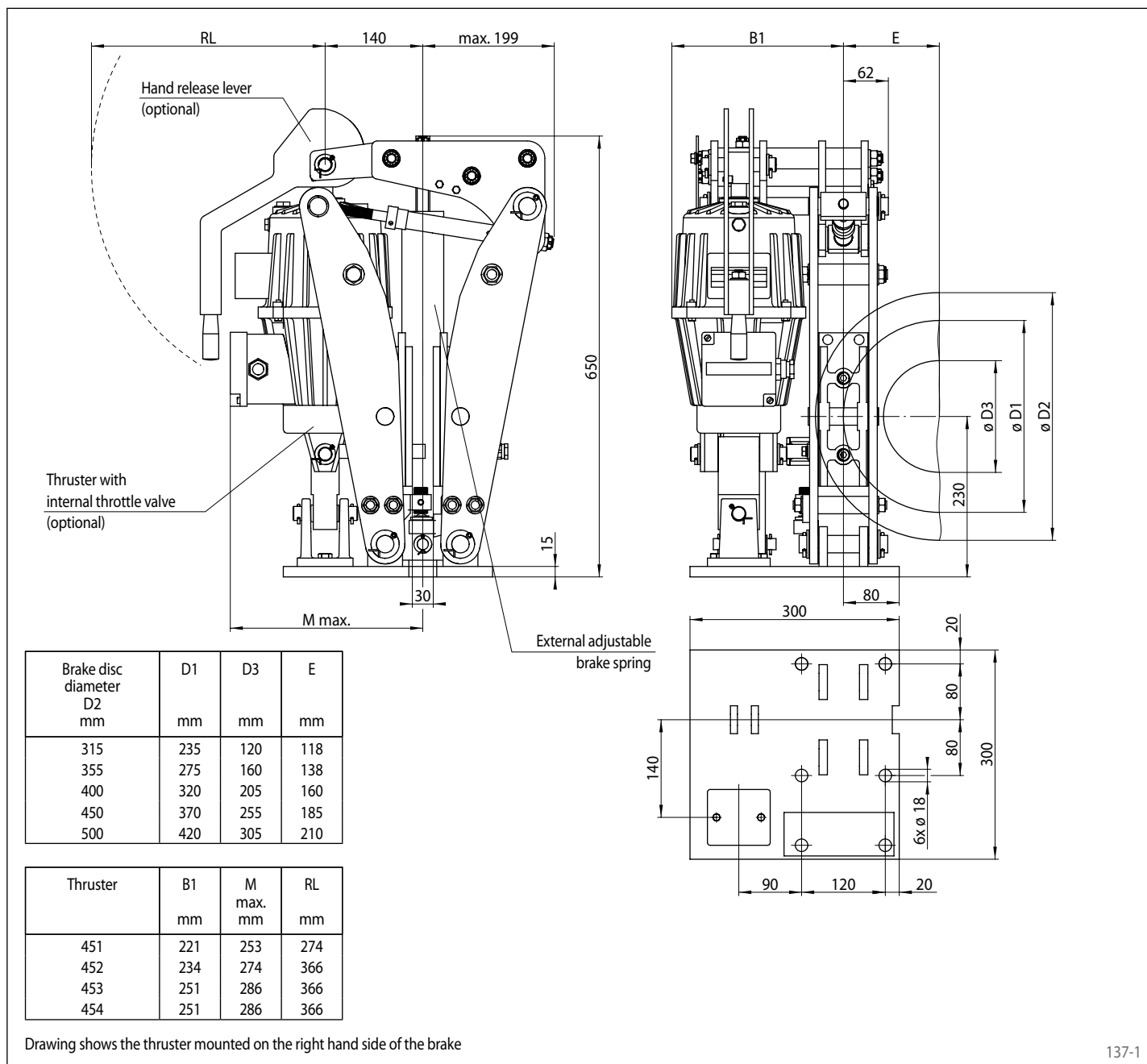
Technical Data

	Brake Caliper DS 230 FEM			
	with thruster 451	with thruster 452	with thruster 453	with thruster 454
Brake disc diameter	Braking torque	Braking torque	Braking torque	Braking torque
mm	Nm	Nm	Nm	Nm
315	250	350	750	900
355	300	450	900	1050
400	350	500	1050	1200
450	400	600	1200	1400
500	450	650	1350	1600
Clamping force	2750 N	4100 N	8250 N	9700 N
Braking torque adjustable	20 - 100%	20 - 100%	20 - 100%	20 - 100%
Nominal power	130 W	180 W	240 W	280 W
Oil volume	1,4 l	2,5 l	3,5 l	3,5 l
Voltage	230/400 V	230/400 V	230/400 V	230/400 V
Weight	73 kg	78 kg	80 kg	80 kg

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

Brake Caliper DS 230 FEM

spring activated – electrohydraulically released



137-1

Options

- Micro-switch wear control
- Micro-switch status control
- Micro-switch residual piston stroke warning
- Hand release lever
- Hand release lever with padlock
- Thruster with internal throttle valve
- Thruster in heat resistant design
- Corrosion protected design
- Friction lining of sintered metal
- Pneumatic cylinder instead of thruster
- Thruster also available in other voltages and frequencies