

Brake Caliper DS 230 FEA

spring activated – electrohydraulically released

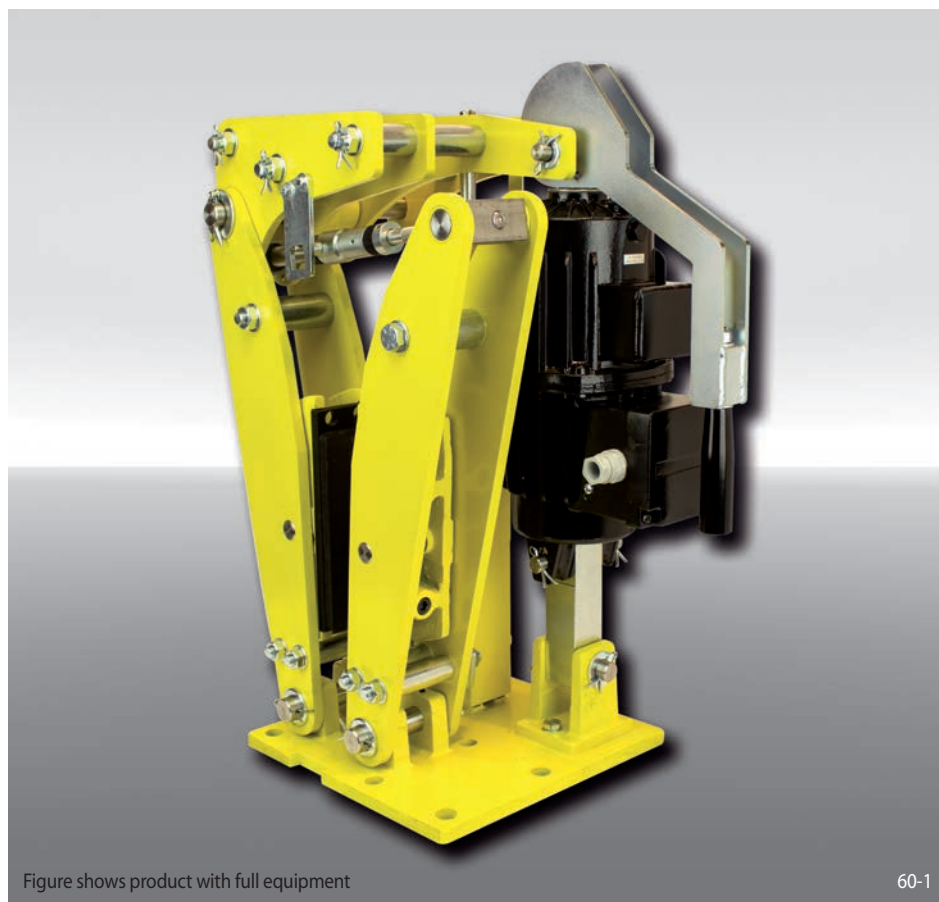


Figure shows product with full equipment

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

Example for ordering

Brake Caliper DS 230 FEA, thrustor 453, thrustor mounted right, thickness of brake disc 30 mm:

DS 230 FEA - 453 R - 30

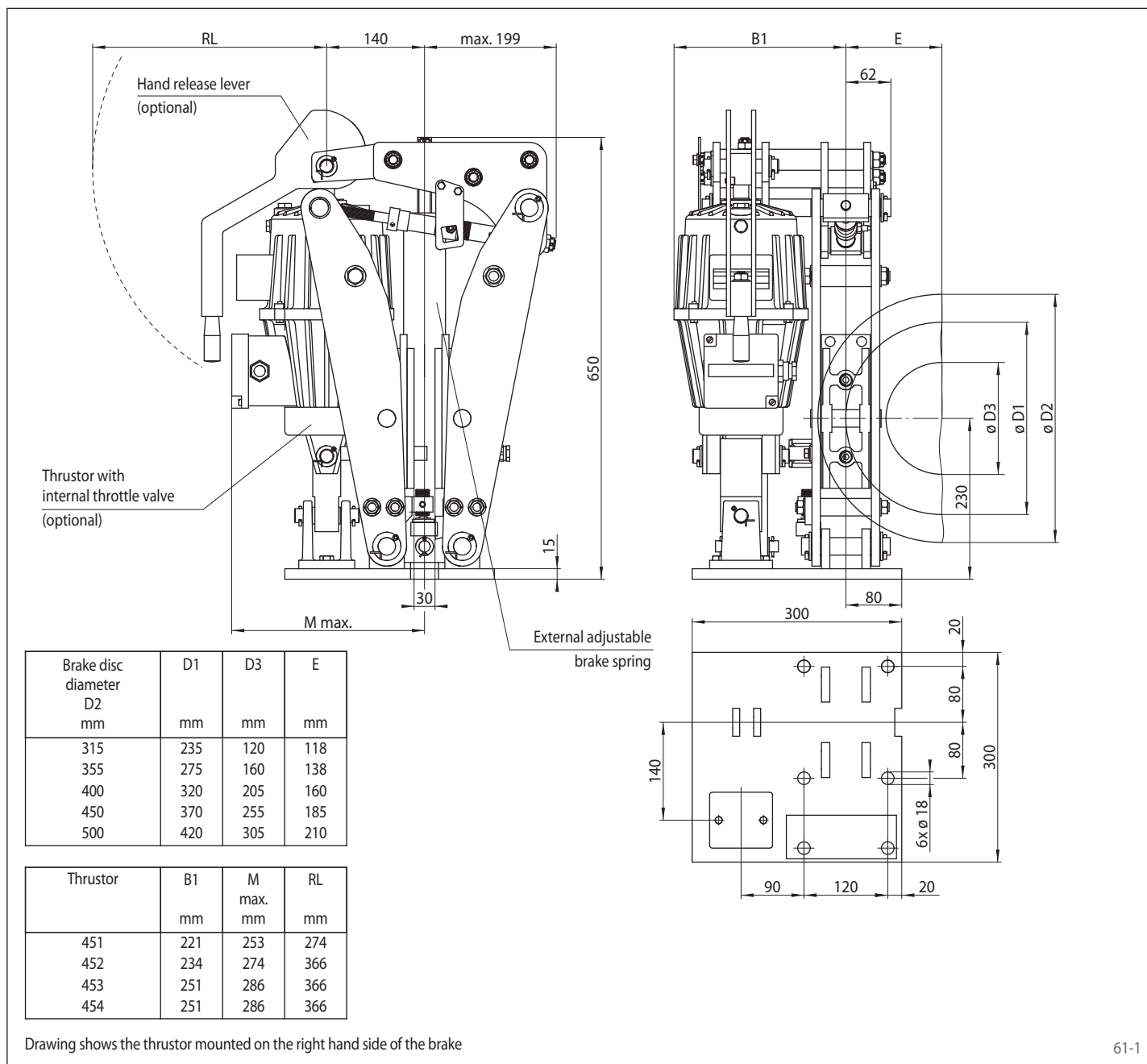
Technical Data

| | Brake Caliper DS 230 FEA | | | |
|---------------------------|--------------------------|-------------------|-------------------|-------------------|
| | with thrustor 451 | with thrustor 452 | with thrustor 453 | with thrustor 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 | 1 050 |
| 400 | 350 | 500 | 1 050 | 1 200 |
| 450 | 400 | 600 | 1 200 | 1 400 |
| 500 | 450 | 650 | 1 350 | 1 600 |
| Clamping force | 2 750 N | 4 100 N | 8 250 N | 9 700 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.

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Options

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