

SDB Thruster Drum Brake – Standard DIN 15435

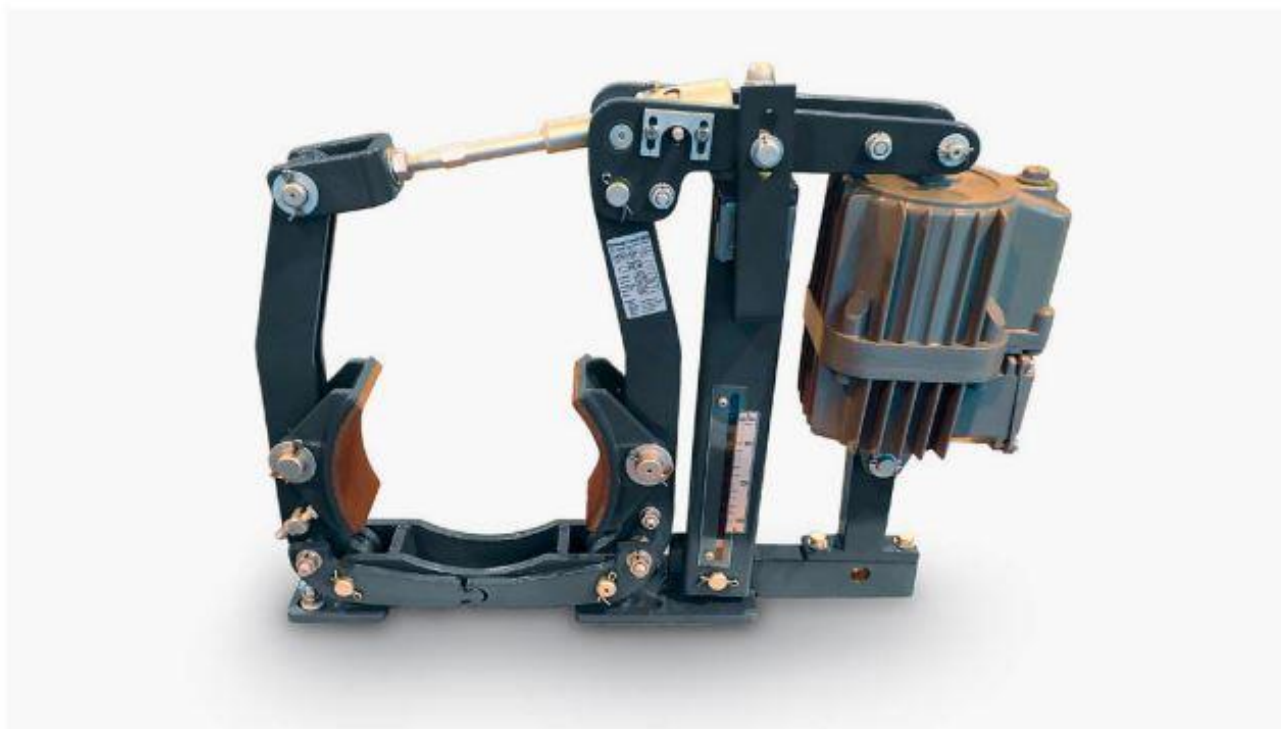
Standard DIN 15435

- Spring application braking
- Thrustor release
- Standard voltage 230/400 VAC 50Hz
- Protection level C4M
- Automatic lining wear compensation

- Brake shoe auto-aligning device
- Scale for torque adjustment
- Brake lever synchronization
- Aluminium shoes with non asbestos organic linings
- Self lubricated bushings at main hinge points
- Galvanized steel spindles and hinges

Operating conditions

- Ambient temperature: -20°C to 50°C
- Relative humidity no higher than 90%
- IP rating: IP65



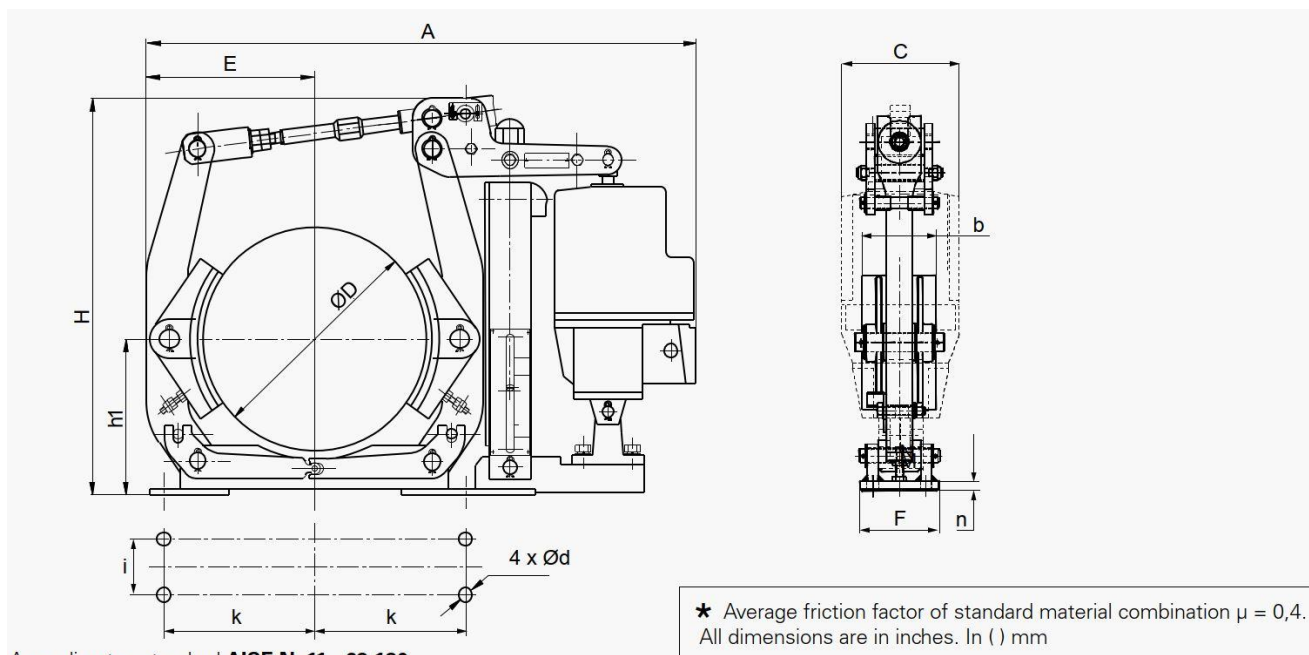
Options:

| | |
|---|--|
| HRL | Manual release lever with or without stop |
| BRLS | Switch for opening monitoring |
| LWI | Full lining wear indicators |
| SS1 | Special Switch: Schneider XCKM 110H29 |
| SS2 | Special Switch: Schmersal Z4VH335 11Z |
| AV - DV | Thrustor delay: Ascent Valve or Descent Valve |
| SV 415V 50Hz SV 500V 50Hz SV 480V 60Hz | Special Voltage |
| SW | Steel Works (specific oil in the thruster + heat resistant sealings) |
| SPA | Special paint according to the customer |

Thrustor Technical Data:

| Thrustor type | Power (W) | Current at 400V (A) | Weight (kg) |
|------------------|-----------|---------------------|-------------|
| TS 230/5 | 165 | 0.52 | 10 |
| TS 300/5 | 200 | 0.46 | 14 |
| TS 500/6 | 200 | 0.48 | 21 |
| TS 800/6 | 330 | 1.42 | 24 |
| TS 1210/6 | 330 | 1.44 | 39 |
| TS 2010/6 | 450 | 1.45 | 39 |
| TS 3010/6 | 550 | 1.46 | 40 |

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According to standard **AISE N. 11 - 63.120**

| BRAKE TYPE | THRUSTOR | TORQUE (N.m.) | | WEIGHT (kg) | DIMENSIONS (mm) | | | | | | | | | | | | | |
|------------|-----------|---------------|------|-------------|-----------------|-----|-----|-----|----|-----|-----|-----|-----|------|-----|-----|-----|----|
| | | min. | max. | | A | b | C | D | d | E | F | G1 | G2 | H | h1 | i | k | n |
| SDB 160 | TS 230/5 | 80 | 160 | 28 | 428 | 65 | 160 | 160 | 14 | 140 | 85 | 145 | 195 | 418 | 160 | 55 | 130 | 8 |
| | TS 230/5 | 110 | 260 | 35 | 470 | 70 | 160 | 200 | 14 | 172 | 90 | 165 | 255 | 490 | 160 | 55 | 145 | 10 |
| SDB 200 | TS 300/5 | 140 | 380 | 38 | | | | | | | | | | | | | | |
| | TS 230/5 | 140 | 300 | 45 | 533 | 90 | 160 | 250 | 18 | 202 | 110 | 200 | 290 | 583 | 190 | 65 | 180 | 12 |
| | TS 300/5 | 180 | 380 | 48 | | | | | | | | | | | | | | |
| SDB 250 | TS 500/6 | 300 | 600 | 53 | 570 | | 195 | | | | | | | | | | | |
| | TS 230/5 | 180 | 340 | 70 | | | 160 | | | | | | | | | | | |
| | TS 300/5 | 250 | 500 | 70 | 670 | 110 | 195 | 315 | 18 | 253 | 115 | 245 | 330 | 585 | 230 | 80 | 220 | 14 |
| SDB 315 | TS 500/6 | 400 | 960 | 138 | | | 195 | | | | | | | 715 | | | | |
| | TS 800/6 | 630 | 1500 | 140 | 695 | 140 | 240 | 400 | 22 | 310 | 160 | 310 | 420 | 775 | 280 | 100 | 270 | 14 |
| | TS 1210/6 | 1000 | 2400 | 155 | | | 240 | | | | | | | | | | | |
| SDB 400 | TS 800/6 | 800 | 1920 | 176 | | | 240 | | | | | | | 803 | | | | |
| | TS 1210/6 | 1250 | 3000 | 204 | 925 | 180 | 240 | 500 | 22 | 380 | 180 | 365 | 535 | 830 | 340 | 130 | 325 | 21 |
| | TS 2010/6 | 2000 | 4800 | 204 | | | | | | | | | | | | | | |
| SDB 500 | TS 1210/6 | 1800 | 3780 | 310 | | | 240 | | | | | | | | | | | |
| | TS 2010/6 | 2500 | 6000 | 310 | 1150 | 225 | 240 | 630 | 27 | 465 | 220 | 450 | 600 | 1025 | 420 | 170 | 400 | 20 |
| | TS 3010/6 | 4000 | 8500 | 315 | | | | | | | | | | | | | | |
| SDB 630 | TS 2010/6 | 3150 | 6000 | 435 | | | 240 | | | | | | | | | | | |
| | TS 3010/6 | 5000 | 9600 | 441 | 1180 | 225 | 240 | 710 | 27 | 520 | 240 | 500 | 630 | 1135 | 470 | 190 | 450 | 25 |