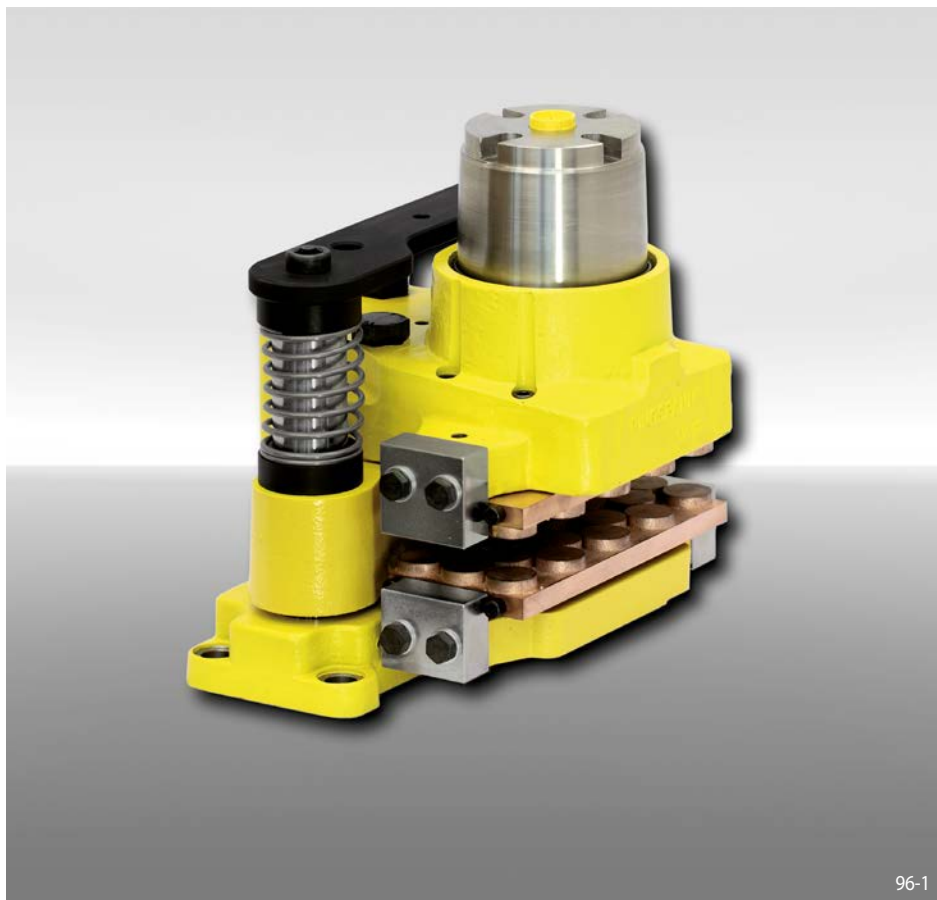


Brake Caliper HS 075 FHM

RINGSPANN®

spring activated – hydraulically released
for wind turbines or conveyor systems



Features	Code
Brake Caliper	H
Floating caliper	S
Frame size 075	075
Spring activated	F
Hydraulically released	H
Manual adjustment to accommodate friction block wear	M
Spring packages available for clamping forces of 10 kN, 20 kN, 30 kN, 40 kN or 55 kN	010 to 055

Example for ordering

Brake Caliper HS 075 FHM, spring package for clamping force 10 kN:

HS 075 FHM - 010

Technical Data

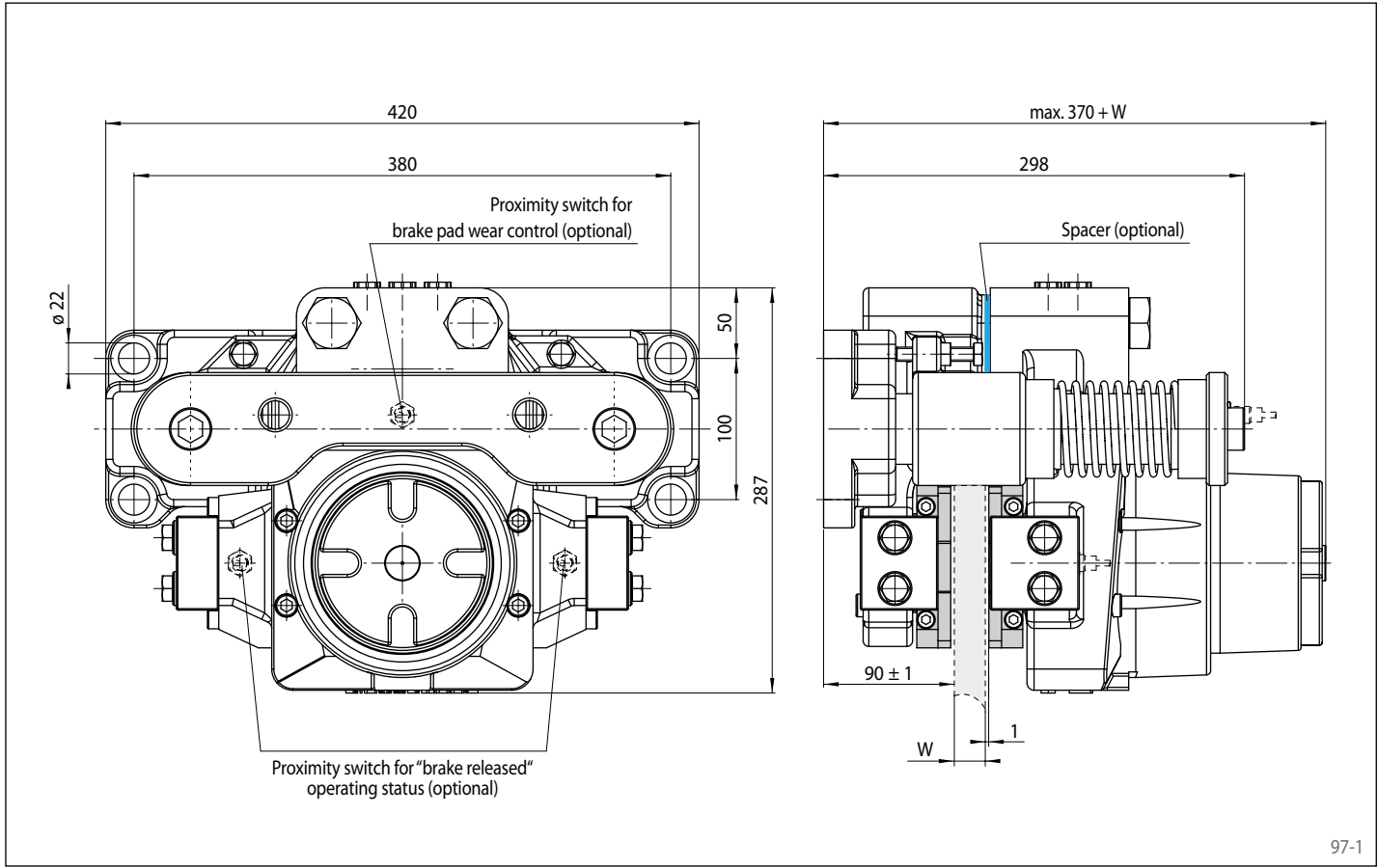
	Brake Caliper HS 075 FHM				
	with spring package 010	with spring package 020	with spring package 030	with spring package 040	with spring package 055
Brake disc diameter	Braking torque	Braking torque	Braking torque	Braking torque	Braking torque
mm	Nm	Nm	Nm	Nm	Nm
520	1 500	2 900	4 400	5 900	8 100
630	1 900	3 800	5 700	7 600	10 400
710	2 200	4 400	6 600	8 800	12 100
900	3 000	5 900	8 900	11 900	16 300
1 250	4 400	8 700	13 100	17 500	24 000
1 600	5 800	11 500	17 300	23 100	31 800
2 000	7 400	14 700	22 100	29 500	40 500
Clamping force	10 kN	20 kN	30 kN	40 kN	55 kN
Oil pressure	min. 25 bar max. 140 bar	min. 50 bar max. 140 bar	min. 70 bar max. 140 bar	min. 95 bar max. 140 bar	min. 125 bar max. 140 bar
Oil volume	max. 82 cm ³	max. 82 cm ³	max. 82 cm ³	max. 82 cm ³	max. 82 cm ³
Weight	95 kg	95 kg	95 kg	95 kg	95 kg

The braking torques shown in the table are based on a theoretical friction coefficient of 0.4.

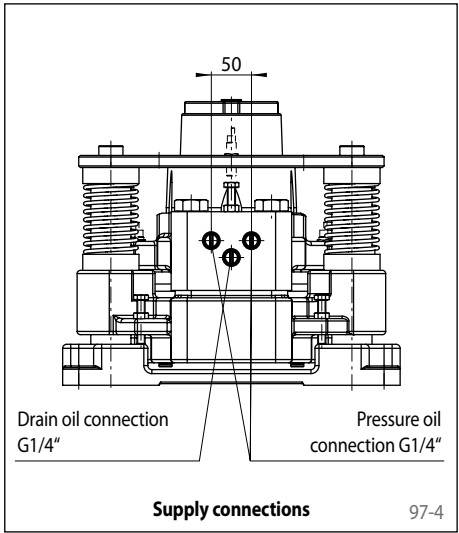
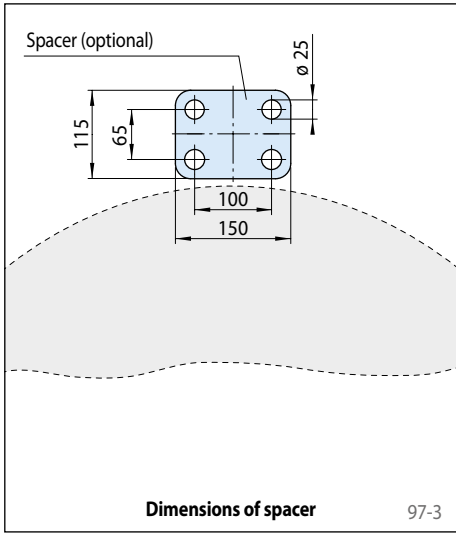
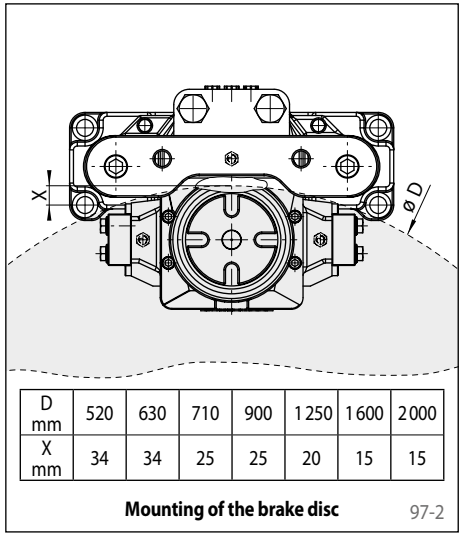
Brake Caliper HS 075 FHM

RINGSPANN®

spring activated – hydraulically released
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Mounting



Other features

- High safety against leakage
- Easy change of friction blocks
- Painted with surface coating class C4-L according to ISO 12944
- For brake disc thickness $W = 20$ mm; brake disc thicknesses of up to 40 mm can be achieved with the use of a spacer installed by the customer

Accessories

- Inductive proximity switch for "brake released" operating status
- Inductive proximity switch for brake pad wear control
- Optional painting with surface coating class C4-H or C5M-H (offshore) according to ISO 12944