



2D-drawing and dimensions see pg. 2

Actuating force	Nominal diameter of disc [mm]					
	150	200	250	300	400	460
	dyn. braking torque [Nm] (static torque = dyn. torque x 0,9)					
100%	40	70	100	120	170	210

Weight = 1,6 kg

$p_{min} = 5,0$ bar

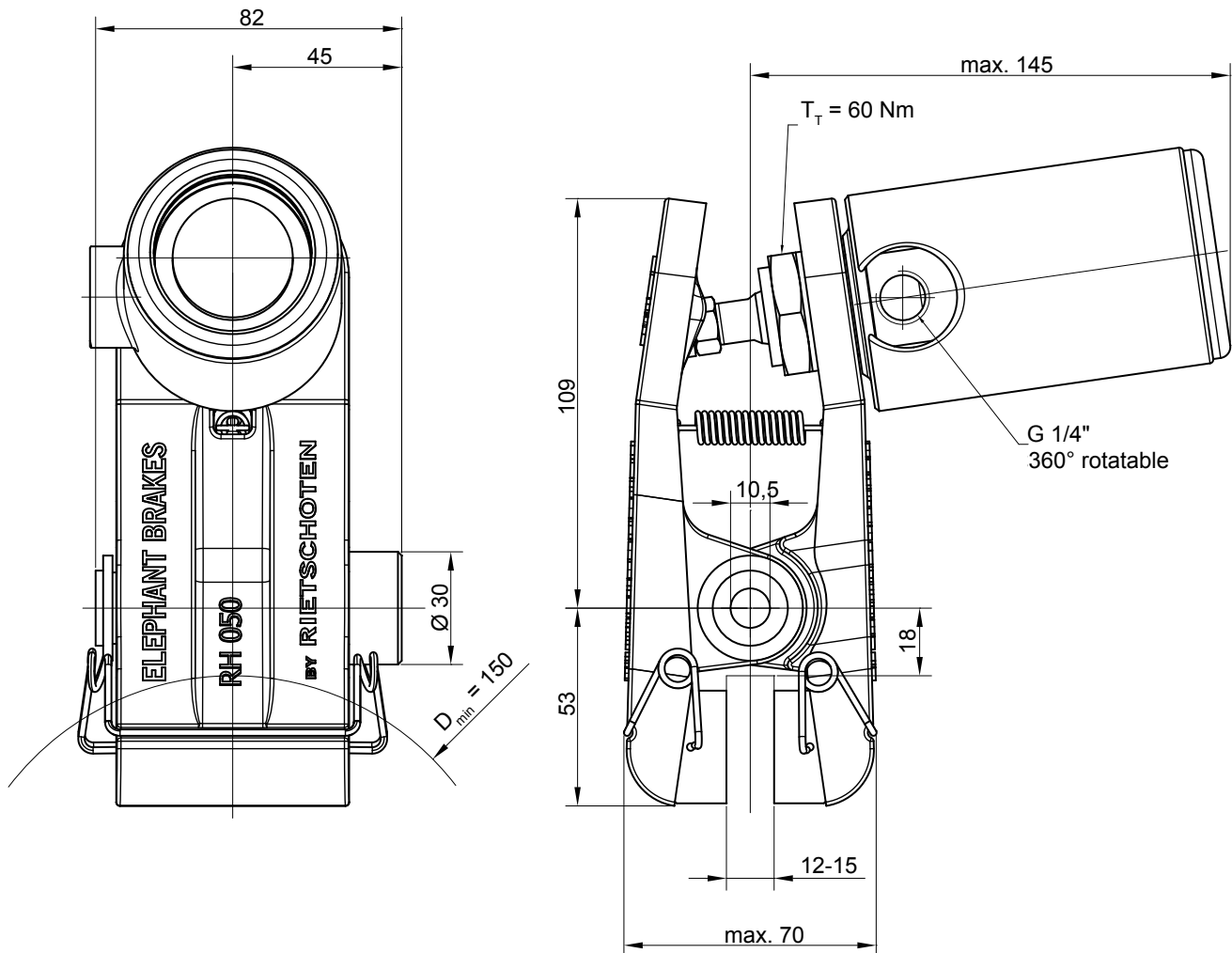
$p_{max} = 8,0$ bar

max. air-consumption = 0,015 dm³

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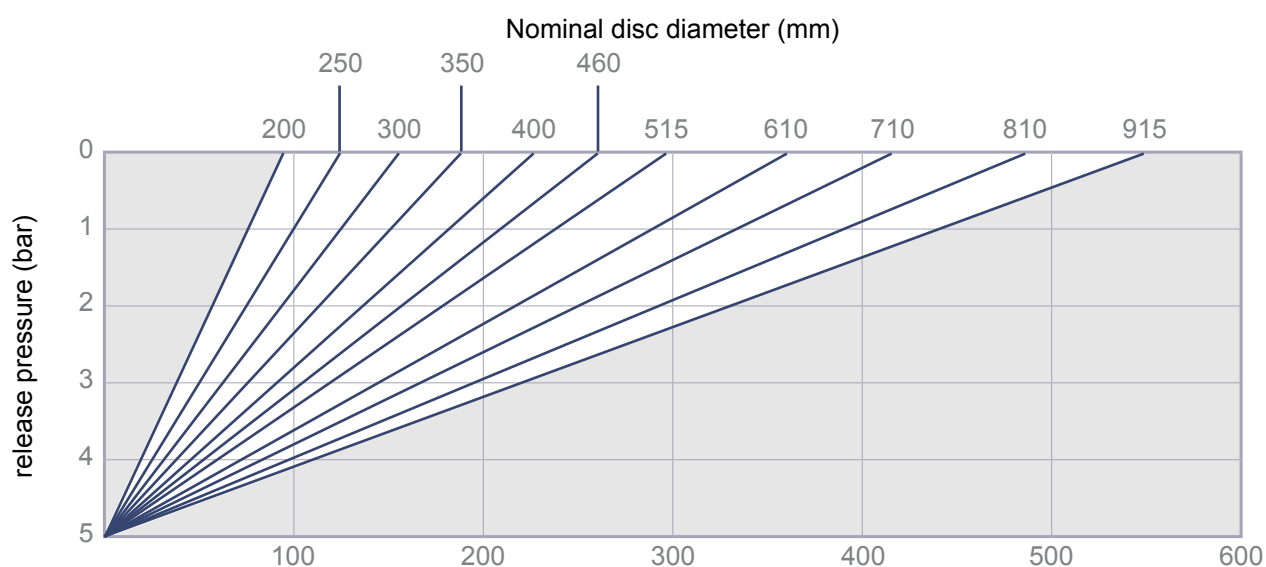
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2D-drawing and dimensions see pg. 3

R&H 100.405.01



dyn. braking torque [Nm] {static torque = dyn. torque x 0.9}

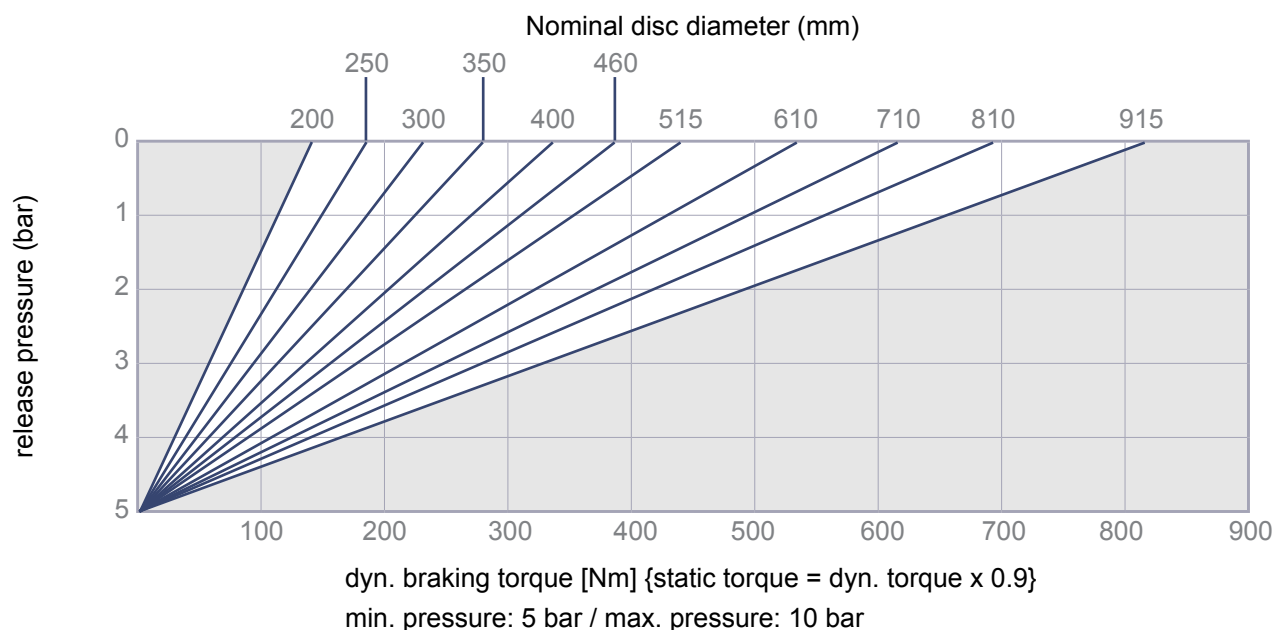
min. pressure: 5 bar / max. pressure: 10 bar

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R&H 100.406.01



Type	Part-No.:	Ø A mm	Ø B mm	C mm	Dmax. mm	weight kg	Air cons. dm³/stroke
R&H 100.405.01	11847	144	81	82,5	225	6,2	0,12
R&H 100.405.01 66%	13199						
R&H 100.405.01 33%	13200						
R&H 100.406.01	11848	180	110	97,5	245	7,7	0,43
R&H 100.406.01 66%	13201						
R&H 100.406.01 33%	13202						

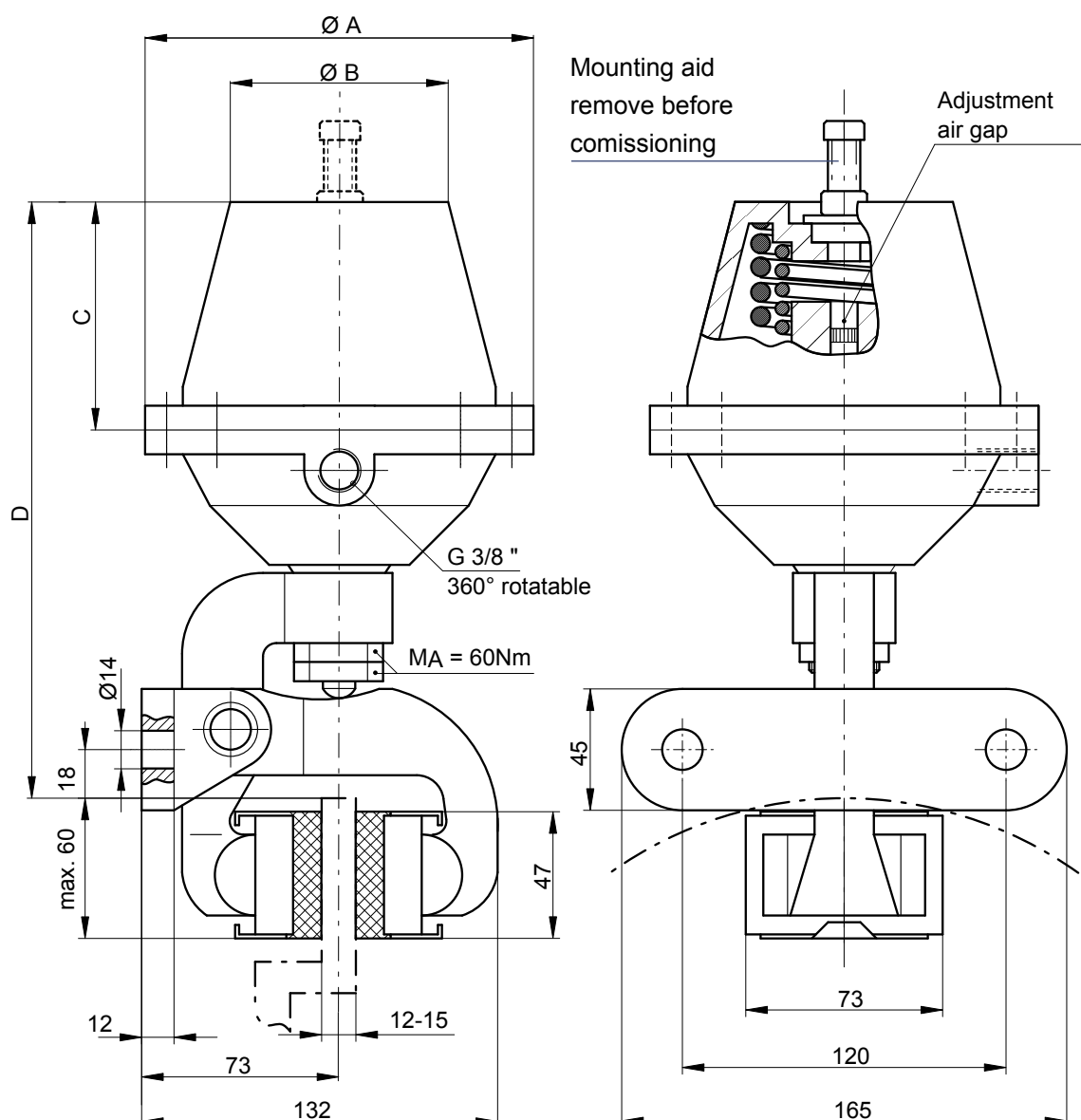
NOTE

The release pressure and braking torques for calipers with **reduced spring forces** are changing accordingly.

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Installation position horizontal. In case of deviations, please contact us.
Information about the mounting position can be requested.

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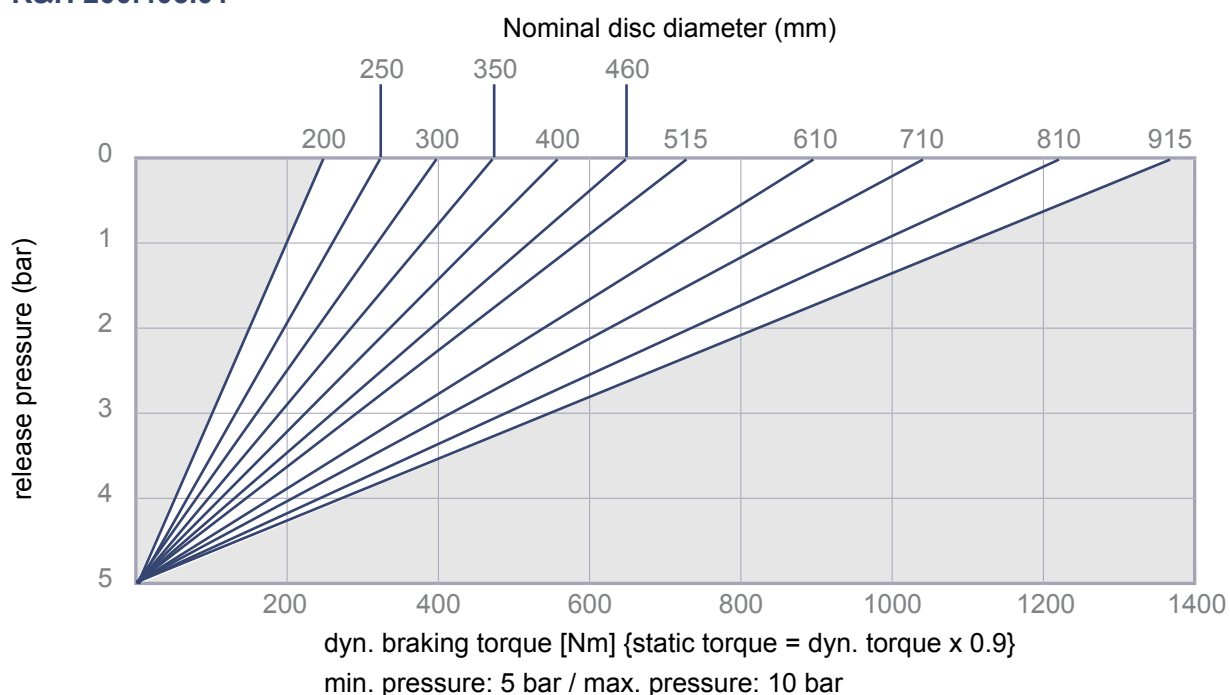
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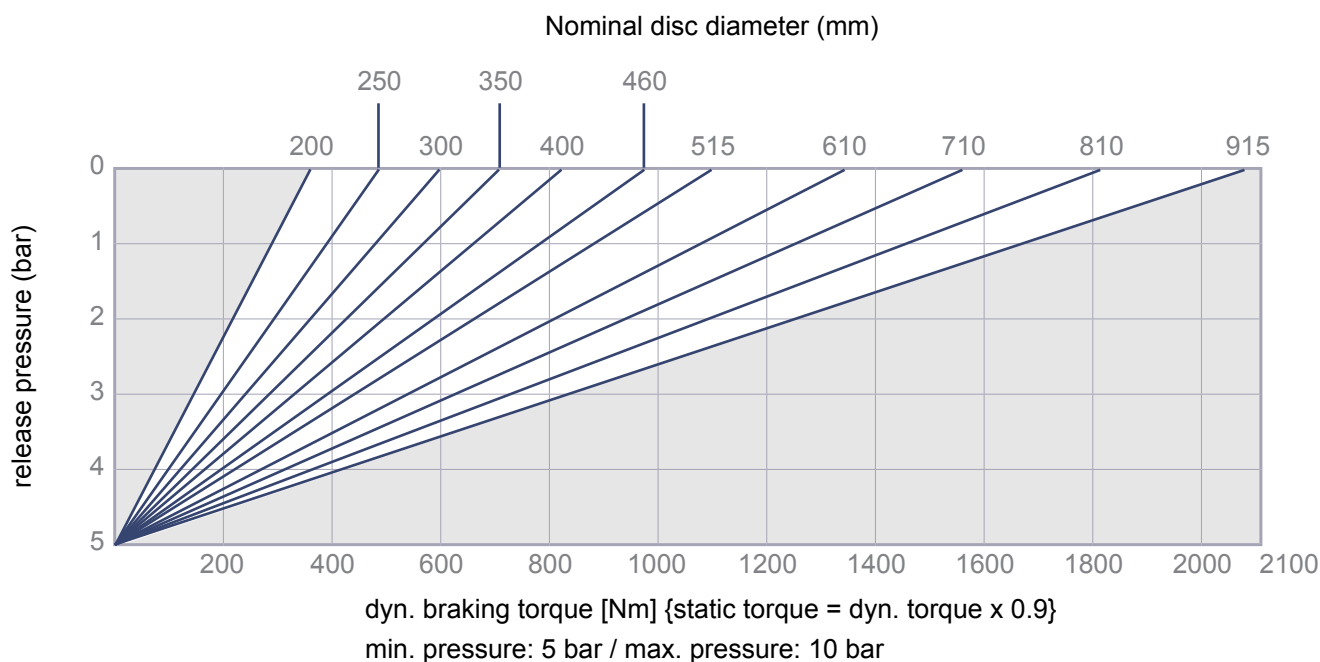
2D-drawing and dimensions see pg. 3

R&H 200.405.01



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R&H 200.406.01



Type	Part.-No.:	A max. mm	Ø B mm	Ø C mm	D mm	E mm	G mm	air cons. dm ³ /stroke	weight kg
R&H 200.405.01	11849	200	144	81	82,5	260	12-15	0,12	10,4
R&H 200.405.01 66%	13212								
R&H 200.405.01 33%	13213								
R&H 200.406.01	11850	230	180	110	97,5	278	12-15	0,43	11,9
R&H 200.406.01 66%	13224								
R&H 200.406.01 33%	13225								

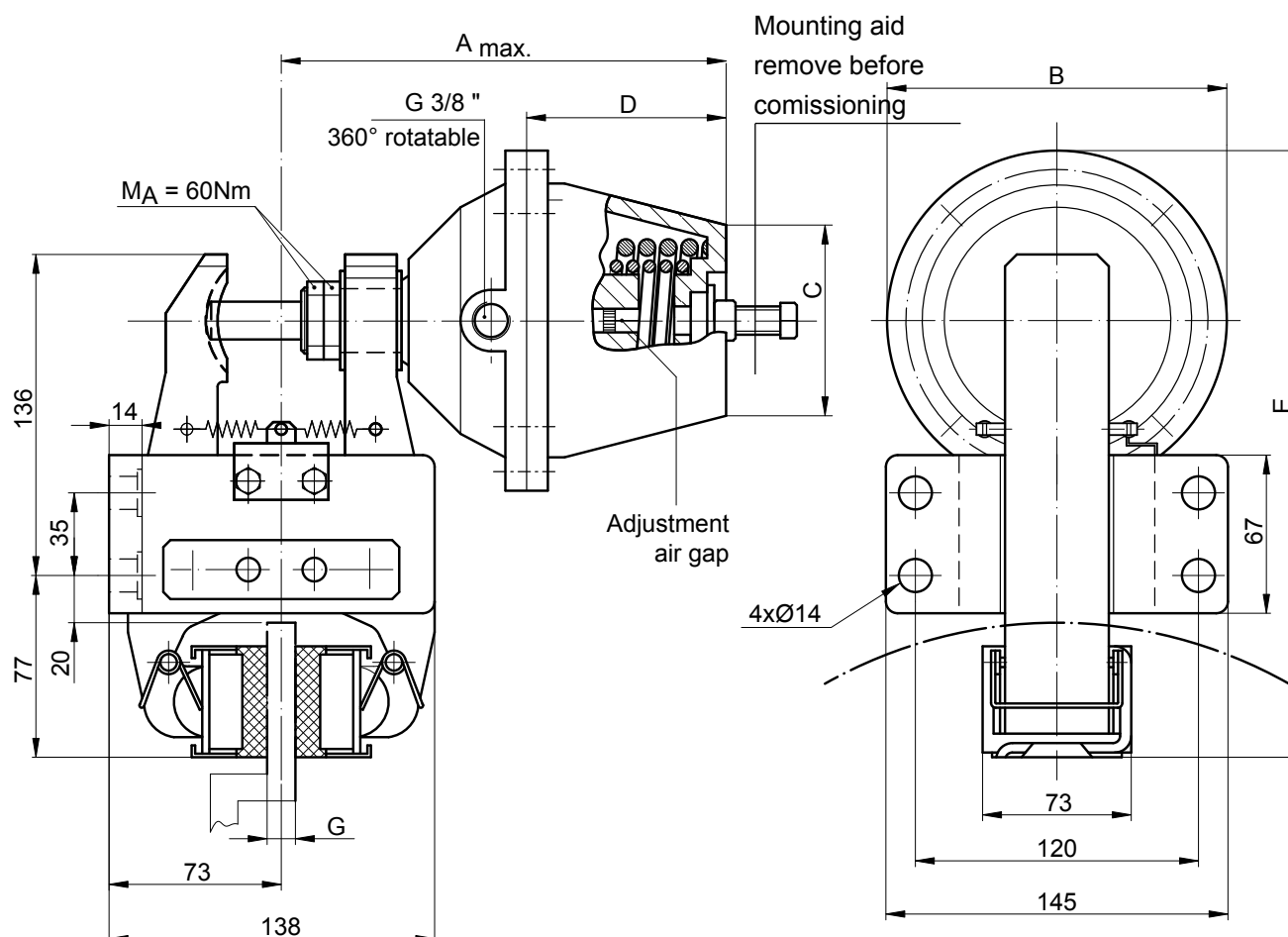
NOTE

The release pressure and braking torques for calipers with **reduced spring forces** are changing accordingly.

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2D-drawing and dimensions see pg. 2

			Nominal disc diameter [mm]										
			200	250	300	350	400	460	515	610	710	810	915
Type	Part-No.	release pressure [bar]	dyn. braking torque [Nm] (static torque = dynamic torque x 0.9)										
R&H 200.412.01	14569	5	660	910	1160	1410	1660	1960	2230	2700	3200	3690	4220
R&H 200.412.01 66%	14569-66	3,3	440	600	770	930	1090	1290	1470	1780	2110	2440	2780
R&H 200.412.01 33%	14569-33	1,7	220	300	380	470	550	650	740	890	1060	1220	1390

opening pressure: 5 bar

max. admissible air pressure: 10 bar

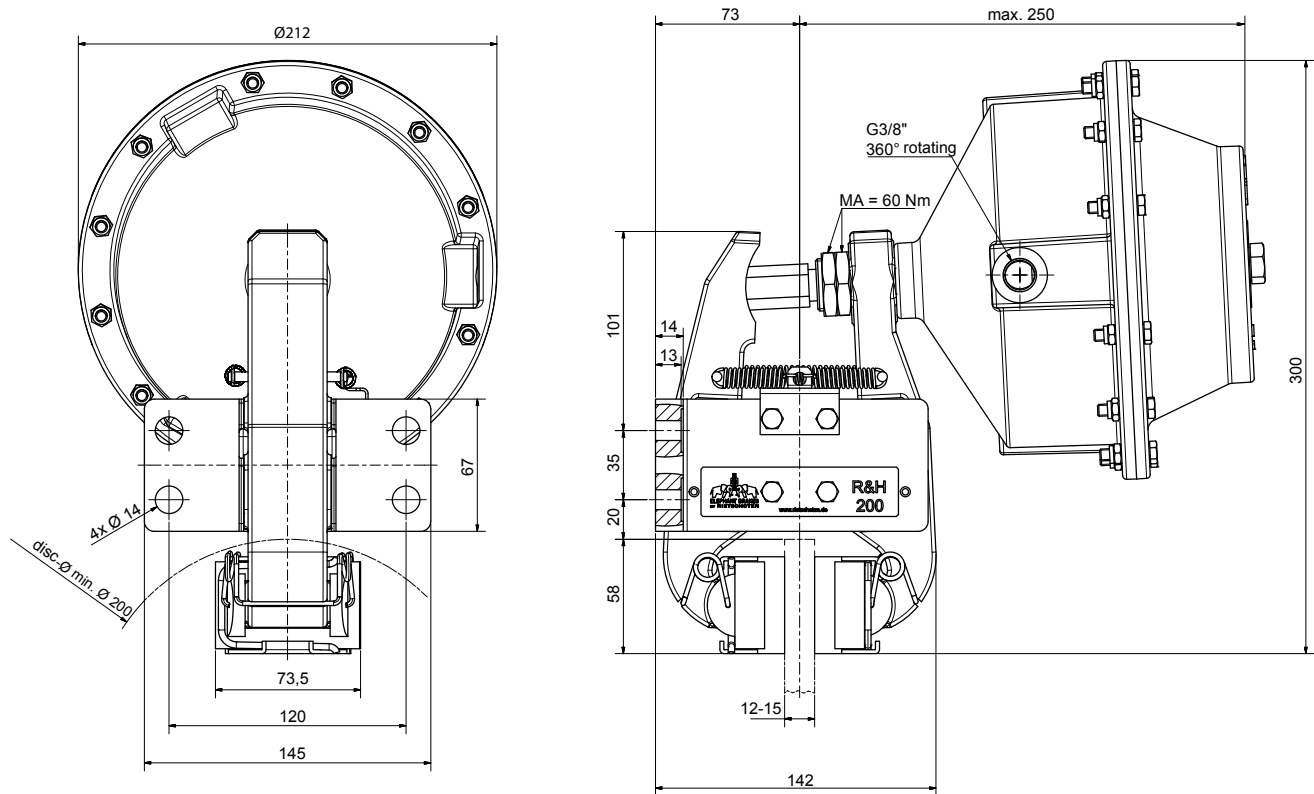
max. cylinder capacity: 0,4 dm³

weight: ca. 15 kg

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Mounting position horizontal, with inclined positions please state with order and request the incline mounting kit part No. 11296.

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R&H 215.405.01 / R&H 225.405.01 / R&H 230.405.01

2D-drawing and dimensions see pg. 2

Actuating force	Nominal diameter of disc [mm]							
	350	400	460	515	610	710	810	915
	dyn. braking torque [Nm] (static torque = dyn. torque x 0,9)							
100%	450	530	630	720	870	1030	1190	1350
66%	300	350	420	470	570	680	780	890
33%	150	180	210	240	290	340	390	450

R&H 215.406.01 / R&H 225.406.01 / R&H 230.406.01 / R&H 245.406.01

Actuating force	Nominal diameter of disc [mm]							
	350	400	460	515	610	710	810	915
	dyn. braking torque [Nm] (static torque = dyn. torque x 0,9)							
100%	780	920	1080	1240	1500	1770	2050	2340
66%	520	610	720	820	990	1170	1350	1540
33%	260	300	360	410	500	580	680	770

min. pressure: 5 bar

max. pressure: 10 bar

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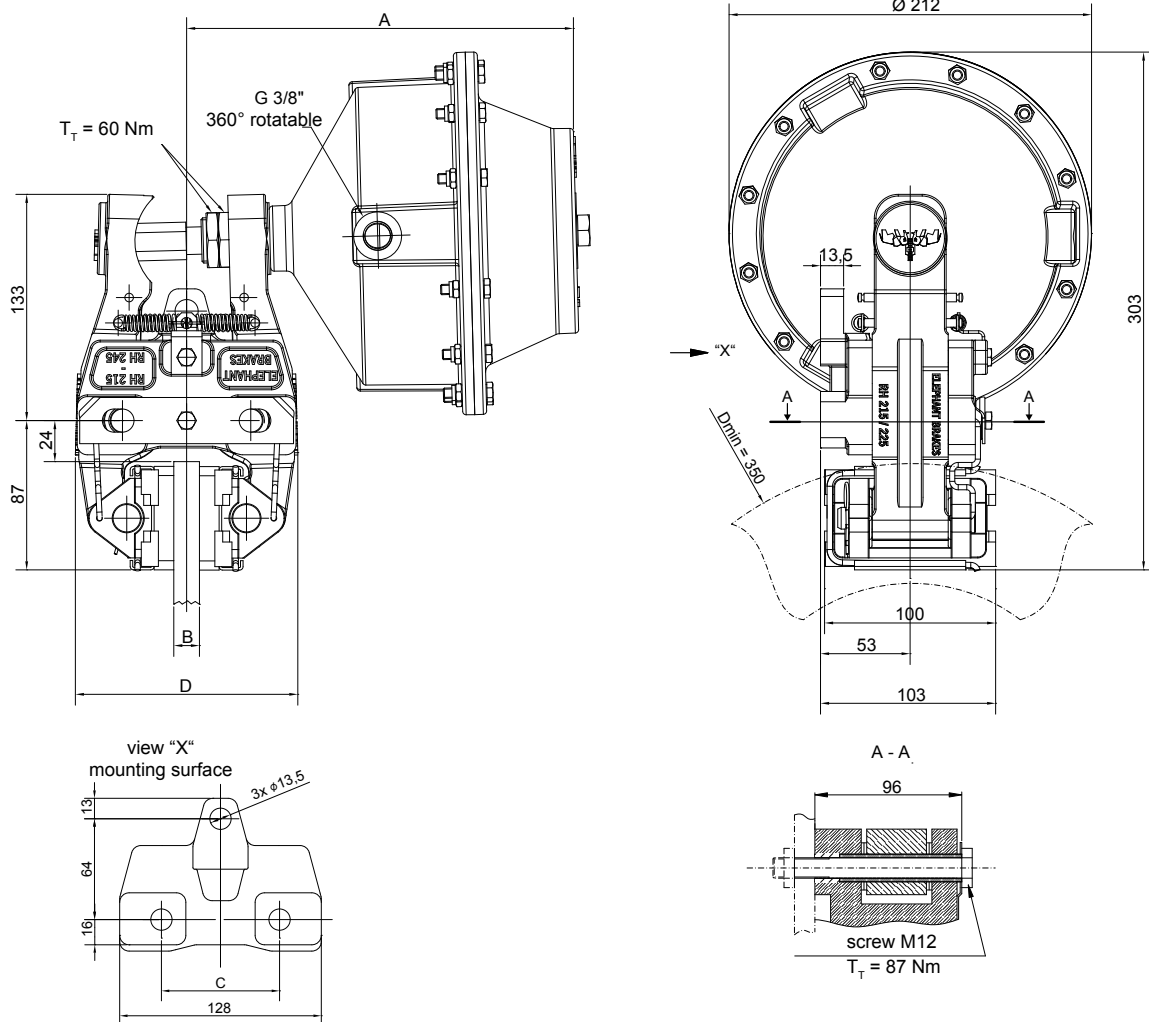
2D-drawing and dimensions see pg. 2

actuating force	nominal disc diameter [mm]							
	350	400	460	515	610	710	810	915
	dyn. braking torque [Nm] (static torque = dynamic torque x 0.9)							
100%	1410	1660	1960	2230	2700	3200	3700	4220
66%	930	1100	1290	1470	1780	2110	2440	2780
33%	470	550	650	740	890	1060	1220	1390

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Type	Part-No.:	A [mm]	B [mm]	C [mm]	D [mm]	p _{min} [bar]	p _{max} [bar]	air cons. / stroke [dm ³]	Weight [kg]
R&H 215.412.01	14615	225	12 - 15	75	130	5	10	0,4	14,2
R&H 225.412.01	14621	230	25,4	84	140				
R&H 230.412.01	14622	233	30	75	144				14,4
R&H 245.412.01	14623	240	45	84	154				

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NOTE

The release pressure and braking torques for calipers with **reduced spring forces** are changing accordingly.

2D-drawing and dimensions see pg. 2

R&H 250.405.01

Actuating force	Nominal diameter of disc [mm]										
	200	250	300	350	400	460	515	610	710	810	915
	dyn. braking torque [Nm] (static torque = dyn. torque x 0,9)										
100%	220	300	380	460	540	640	730	880	1040	1200	1360
66%	150	200	250	310	360	420	480	580	680	790	900
33%	70	100	130	150	180	210	240	290	340	400	450

R&H 250.406.01

Actuating force	Nominal diameter of disc [mm]										
	200	250	300	350	400	460	515	610	710	810	915
	dyn. braking torque [Nm] (static torque = dyn. torque x 0,9)										
100%	390	520	660	800	940	1100	1250	1510	1790	2060	2350
66%	250	350	440	530	620	730	830	1000	1180	1360	1550
33%	130	170	220	260	310	360	410	500	590	680	780

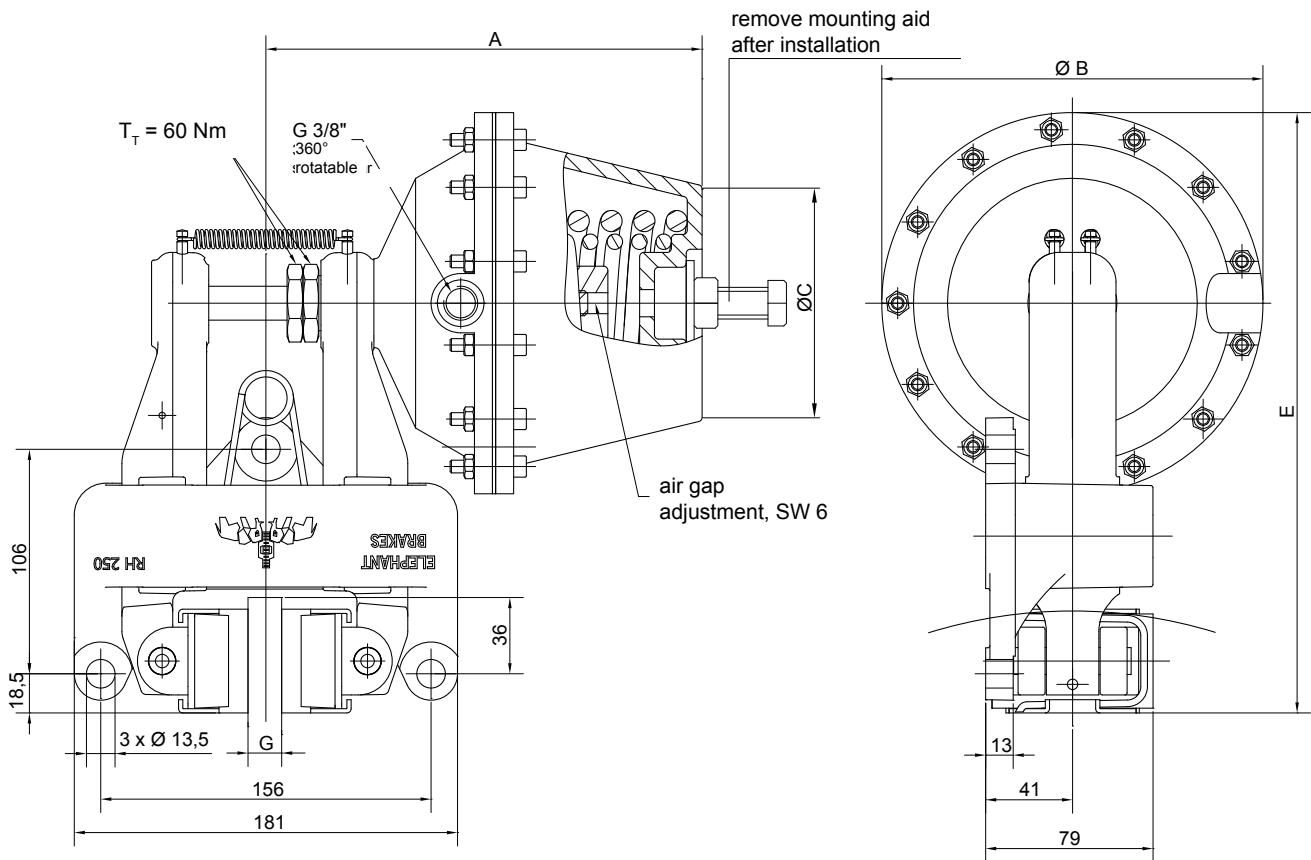
p_{min} : 5 bar

p_{max} : 10 bar

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Right hand mounted as shown is standard. Left hand mounted please state with order.

Mounting position: horizontal – with inclined positions please contact manufacturer.

Type	Part.-No.:	A max. [mm]	Ø B [mm]	Ø C [mm]	E [mm]	G [mm]	air cons./ stroke [dm³]	Weight [kg]
R&H 250.405.01 100%	11845	205	144	81	266	12,7	0,12	9,5
R&H 250.405.01 66%	13214							
R&H 250.405.01 33%	13215							
R&H 250.406.01 100%	11846	230	180	110	284	12,7	0,43	11,0
R&H 250.406.01 66%	13228							
R&H 250.406.01 33%	13229							
R&H 250.405.01 gek. 100%	13209	205	144	81	266	25,4	0,12	9,5
R&H 250.405.01 gek. 66%	13210							
R&H 250.405.01 gek. 33%	13211							
R&H 250.406.01 gek. 100%	12571	230	180	110	284	25,4	0,43	11,0
R&H 250.406.01 gek. 66%	13222							
R&H 250.406.01 gek. 33%	13223							

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2D-drawing and dimensions see pg. 2

actuating force	nominal disc diameter [mm]										
	200	250	300	350	400	460	515	610	710	810	915
	dyn. braking torque [Nm] (static torque = dynamic torque x 0.9)										
100%	690	930	1170	1410	1660	1950	2220	2680	3160	3650	4160
66%	450	610	770	930	1090	1290	1460	1770	2090	2410	2740
33%	230	310	390	470	550	640	730	880	1040	1200	1370

opening pressure: 5 bar

max. admissible air pressure: 10 bar

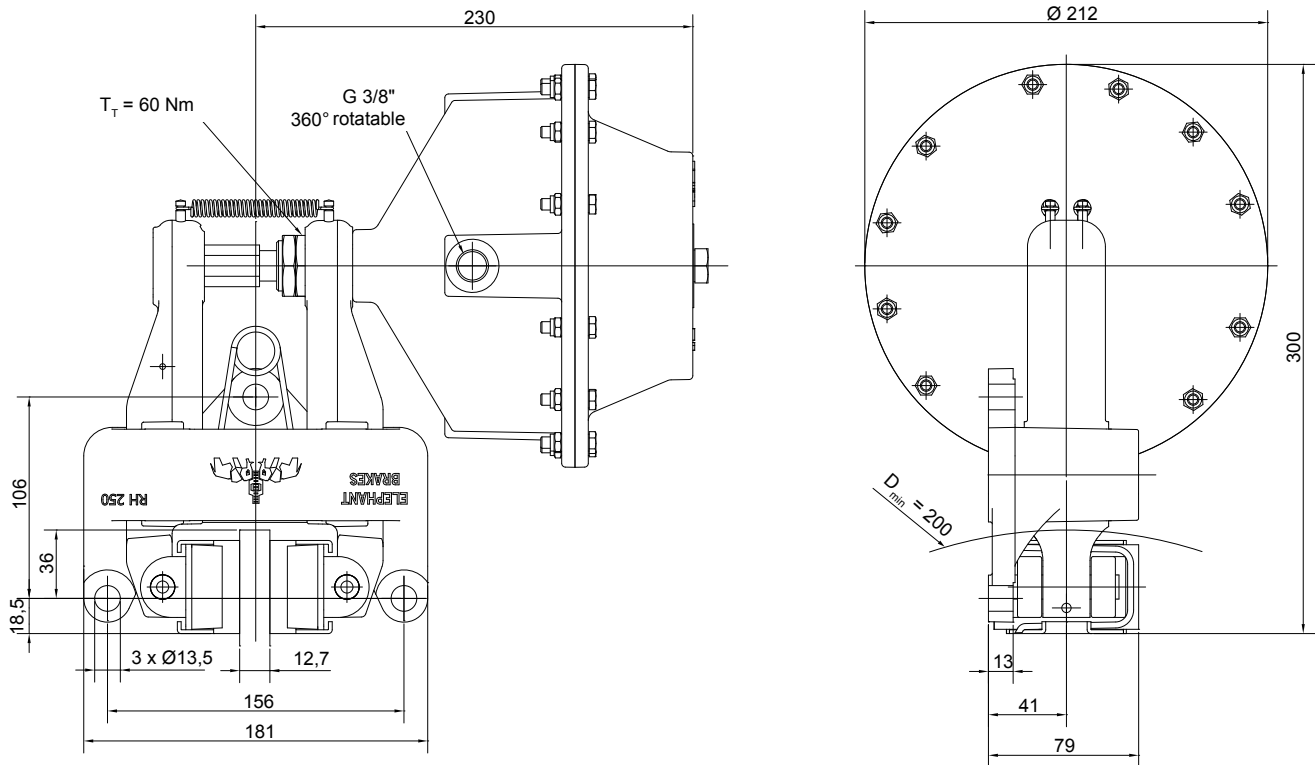
max. cylinder capacity: 0,4 dm³

weight: 14 kg

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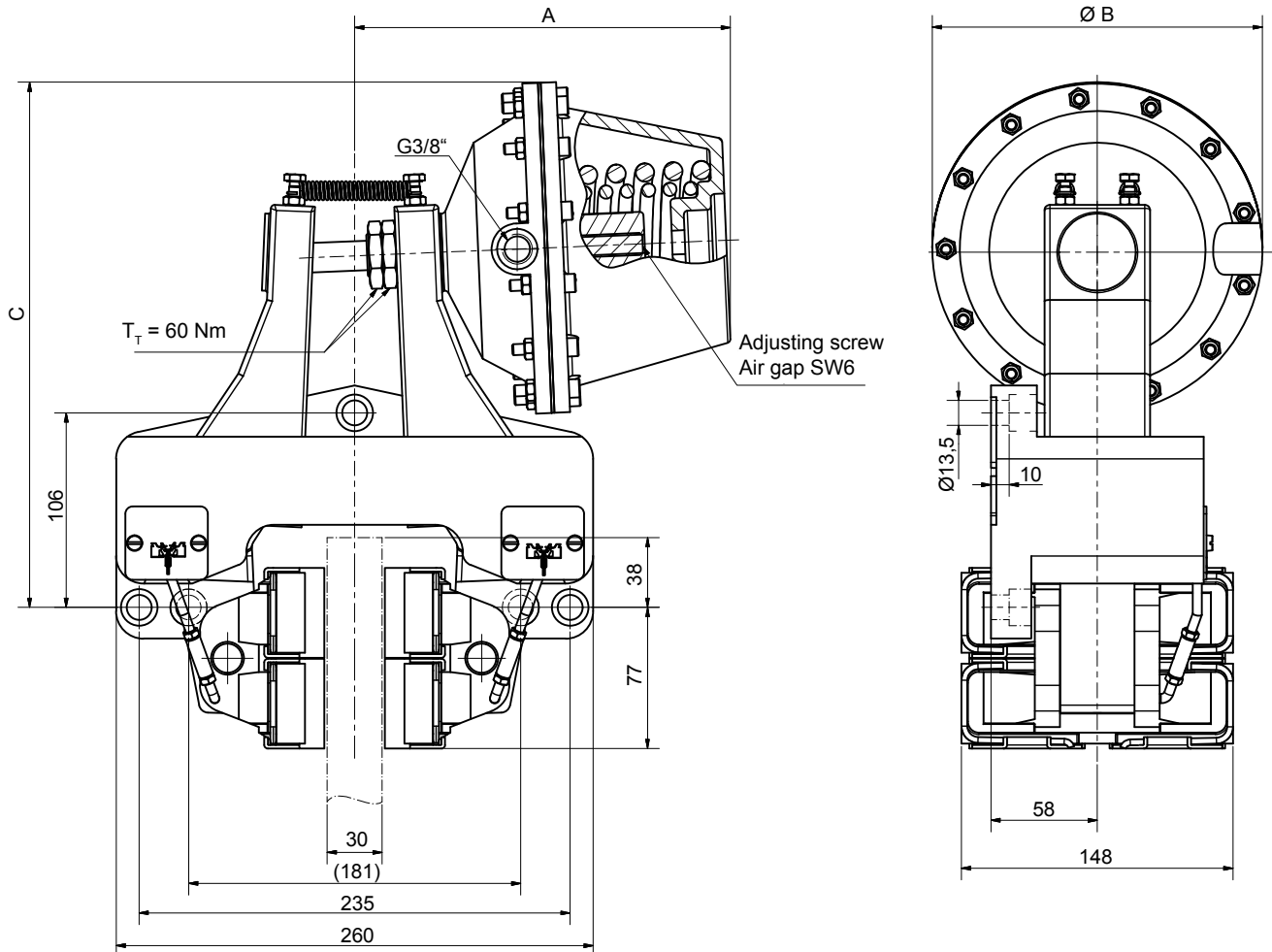
2D-drawing and dimensions see pg. 2

	Nominal diameter of disc [mm]								
	560	630	710	800	900	1000	1250	1600	1800
Type	dyn. braking torque [Nm] (static torque = dyn. torque x 0,9)								
R&H 300.405.04	940	1055	1220	1400	1610	1800	2295	2990	3400
R&H 300.406.04	1405	1580	1825	2105	2410	2700	3445	4485	5105

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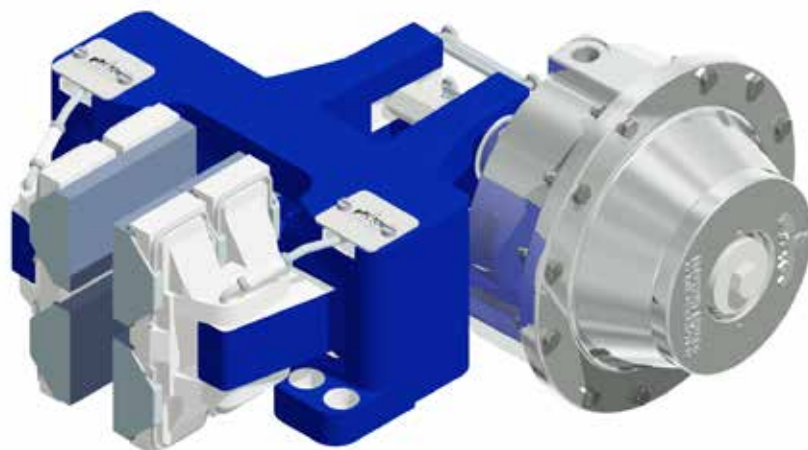


Type	Part-No.	A [mm]	Ø B [mm]	C [mm]	p _{min.} [mm]	p _{max.} [mm]	air cons. / stroke [dm³]	Weight [kg]
R&H 300.405.04	12313	210	144	270	5	10	0,12	23
R&H 300.406.04	12765	240	180	285	5	10	0,43	24,5

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2D-drawing and dimensions see pg. 2

actuating force	nominal disc diameter [mm]								
	560	630	710	800	900	1000	1250	1600	1800
	dyn. braking torque [Nm] (static torque = dynamic torque x 0.9)								
100%	2060	2400	2780	3220	3700	4180	5380	7070	8030
66%	1360	1580	1840	2120	2440	2760	3550	4660	5300
33%	680	790	920	1060	1220	1380	1780	2330	2650

opening pressure: 5 bar

max. admissible air pressure: 10 bar

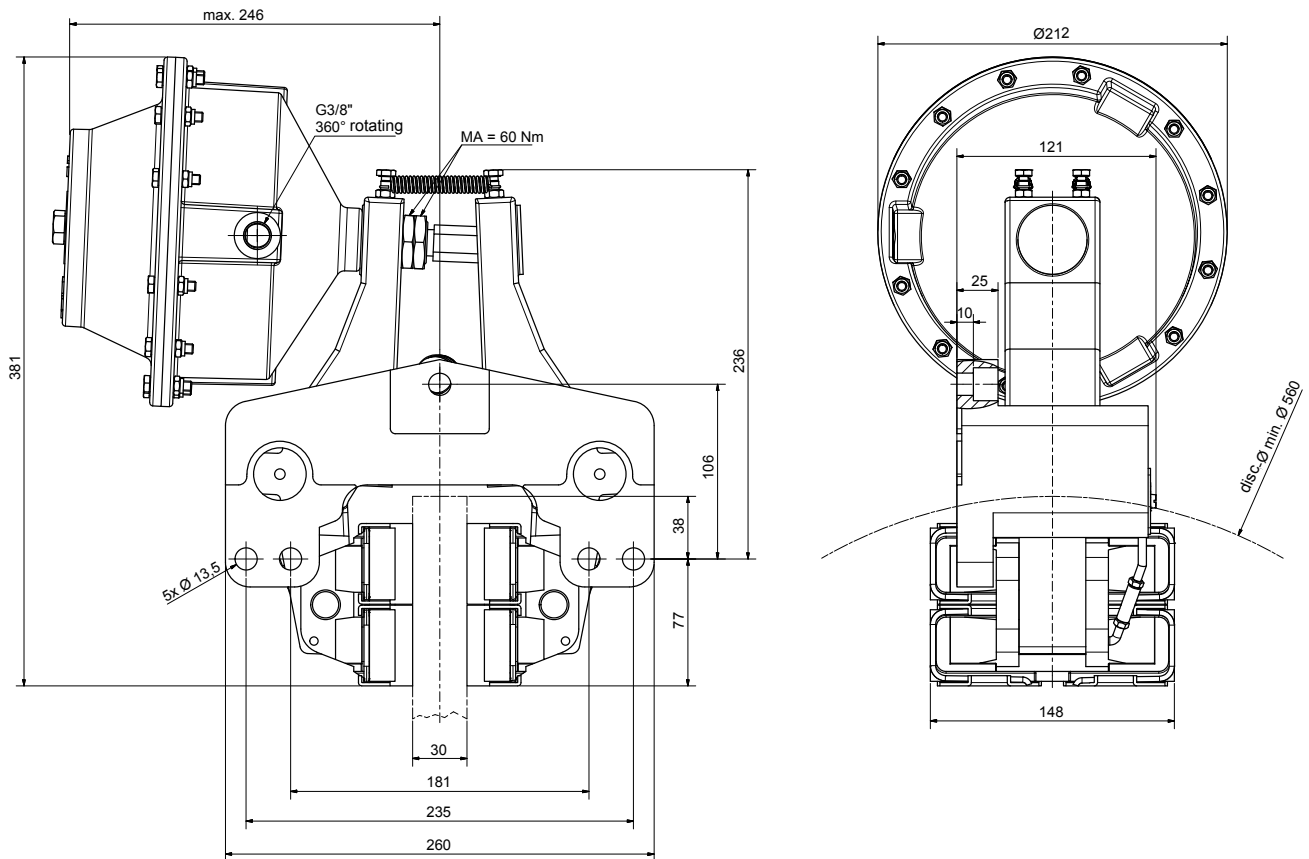
max. cylinder capacity: 0,4 dm³

weight: ca. 27 kg

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2D-drawing and dimensions see pg. 2

Type	Part-No.	p _{min} [bar]	Weight [kg]	Nominal disc diameter [mm]							
				610	700	810	915	1000	1220	1520	1820
				dyn. braking torque [Nm] (static torque = dynamic torque x 0.9)							
R&H 350.435.01	14593	5	61,7	7910	9300	11010	12630	13950	17360	22010	26660
R&H 350.435.01 83%	14593-83	4,2	60,8	6630	7800	9230	10600	11700	14560	18460	22360
R&H 350.435.01 71%	14593-71	3,6	59,8	5610	6600	7810	8970	9900	12320	15620	18920
R&H 350.435.01 55%	14593-55	2,8	58,9	4340	5100	6040	6930	7650	9520	12070	14620

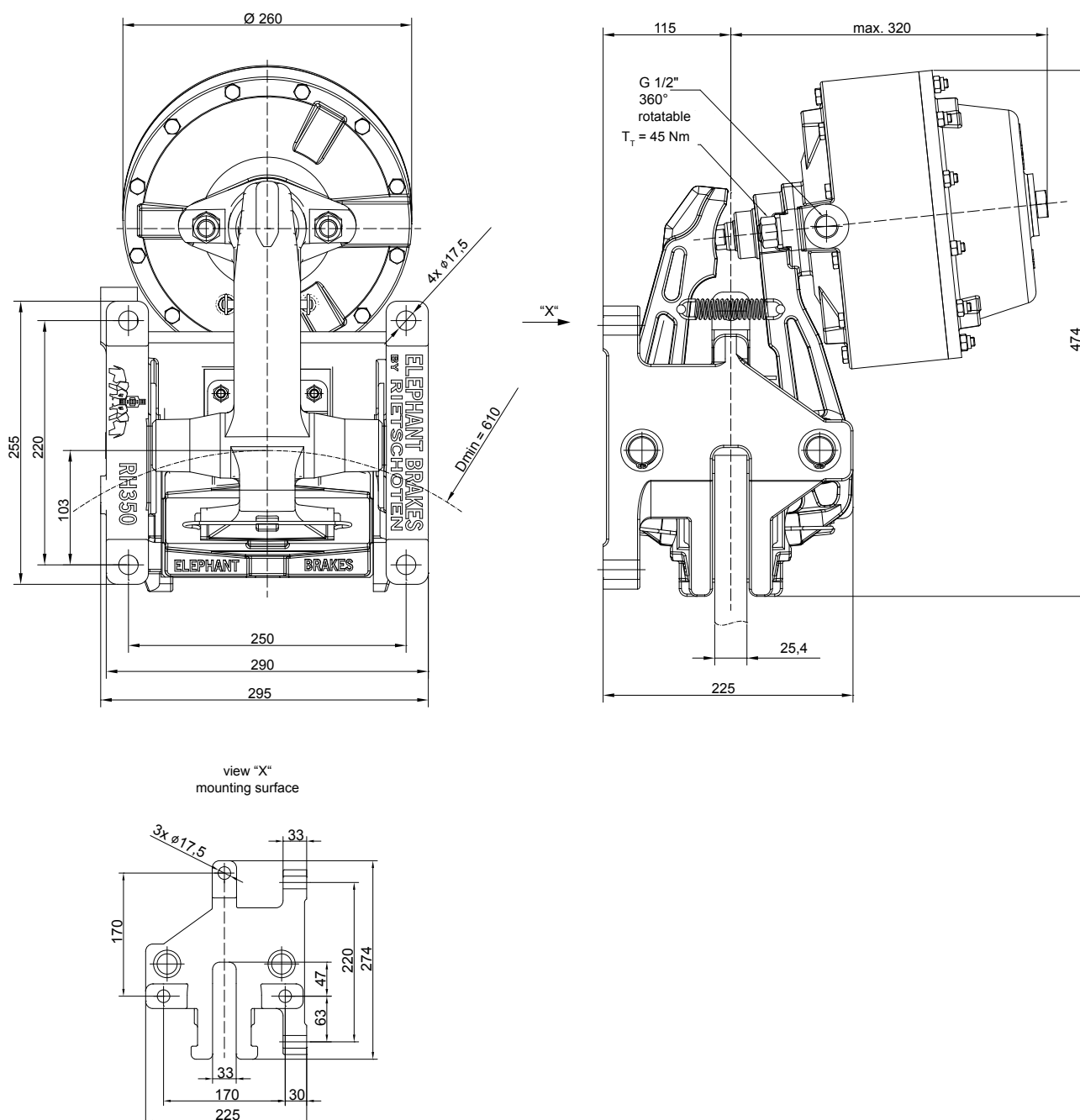
p_{max}: 10 bar

air cons. / stroke: 2,5 dm³

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