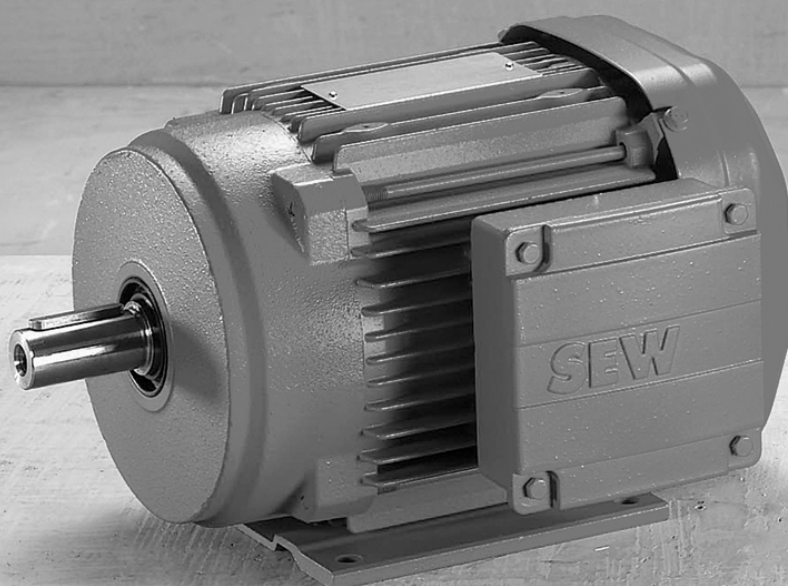




SEW
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Addendum to the Operating Instructions



AC Motors

BE20, BE30, BE32 Brake with Special Braking Torques



1 Addendum to the Operating Instructions

INFORMATION



The information in this addendum to the operating instructions applies to the special designs "BE20, BE30, BE32 brake with special braking torques."

Please use the data specified in this document. This document does not replace the detailed operating instructions "DR..71 – 315, DRN80 – 315 AC Motors," "DR..56 – 315, DRN, DR2S, DR2L, DR2M AC Motors," "EDR..71 – 315, EDRN63 – 315 ATEX Explosion-Protected AC Motors," "EDR..71 – 315, EDRN63 – 315 IECEx Explosion-Protected AC Motors," "EDR..71 – 225, EDRN63 – 315 Explosion-Protected AC Motors According to Class Division System (HazLoc-NA®)!"

2 Braking torques

2.1 Overview of combinations

The following braking torque combinations for the BE20 – 32 brakes also apply to the special design, in addition to the operating instructions "DR..71 – 315, DRN80 – 315 AC Motors."

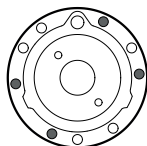
Brake	Braking torque	Type and number of brake springs				Type and number of additional plates	
	Nm	Normal [50]	Blue [276]	Green [276]	White [1312]	Damping plate [718]	Pole sheet [63]
BE20	130	4	—	—	—	— ¹⁾	—
BE30	180	4	3	—	—	— ¹⁾	—
	130	3	2	—	—	— ¹⁾	1
	50	—	4	—	—	— ¹⁾	1
BE32	340	4	2	—	2	— ¹⁾	—
	330	—	—	8	—	— ¹⁾	—
	240	—	—	6	—	— ¹⁾	—
	170	—	7	—	—	— ¹⁾	1
	130	—	5	—	—	— ¹⁾	1

1) The damping plate is part of the pressure plate assembly [49]

2.2 Arrangement of brake springs

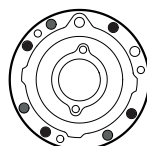
The following diagram shows the arrangement of the brake springs:

BE20 4 springs

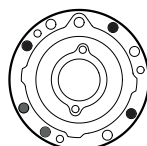


BE30
BE32

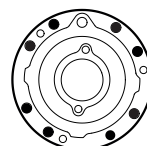
4 + 3
springs



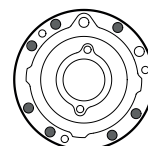
3 + 2
springs



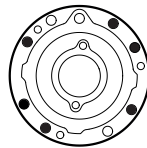
8 springs



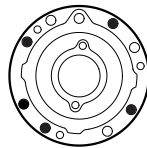
7 springs



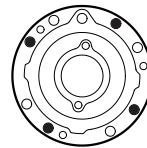
6 springs



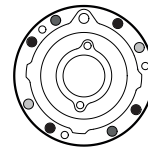
5 springs



4 springs



4 + 2 + 2
springs

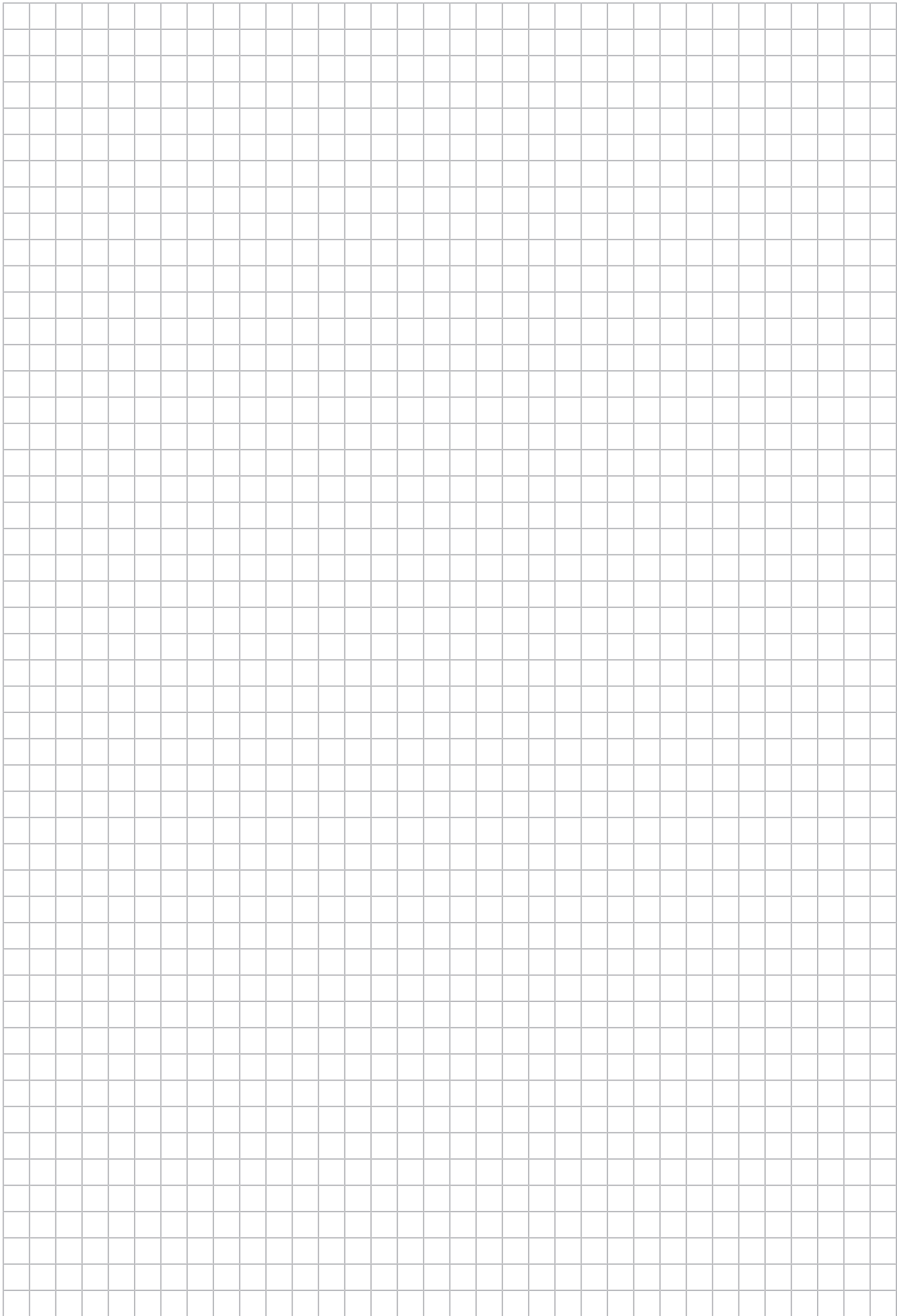


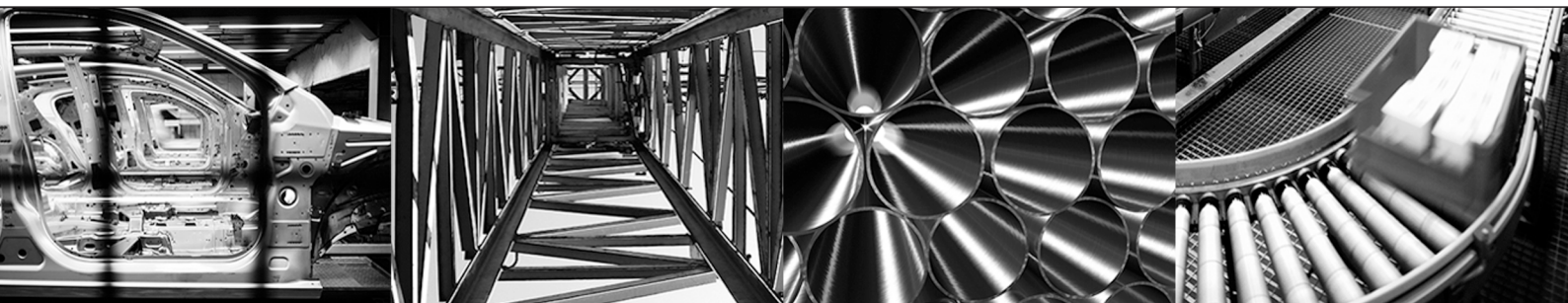
37543129995

2.3 List of order numbers

Brake type	Component	Item number	Design	Part number
BE20	Brake spring	[50]	normal/SR	13743228
	Brake spring	[276]	blue/BU	13742485
	Pole sheet	[63]	—	13749307

Brake type	Component	Item number	Design	Part number
BE30/32	Brake spring	[50]	normal/SR	01874551
	Brake spring	[276]	blue/BU	13744356
	Brake spring	[276]	green/GN	16243889
	Brake spring	[1312]	white/WH	16243897
	Pole sheet	[63]	—	13749455







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