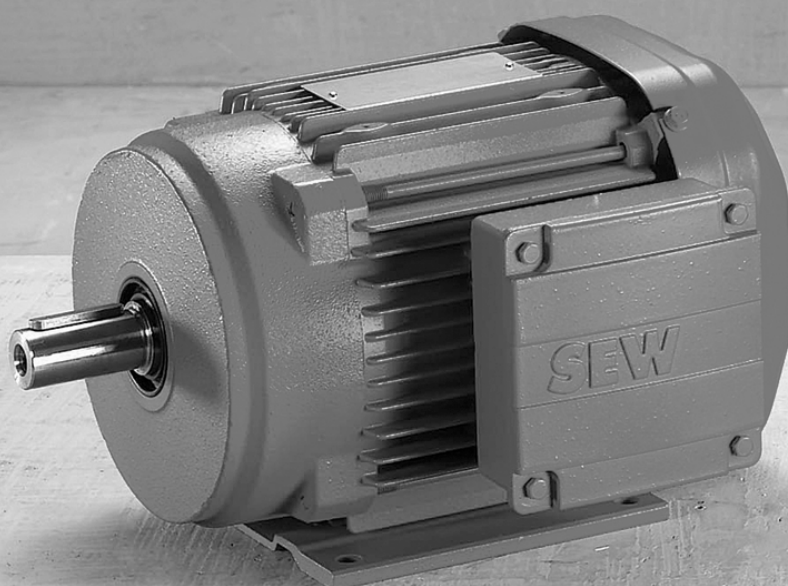




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Addendum to the Operating Instructions



AC Motors
BE1T and BE2T Noise-Reduced Brakes



1 Addendum to the operating instructions

INFORMATION



This addendum provides important additional information to the operating instructions for the special design "BE1T and BE2T noise-reduced brakes".

Use the technical data specified here. This document does not replace the detailed operating instructions "DR.71- 225, 315 AC Motors", "DR.. 56 – 315, DRN.., DR2S, DR2L, DR2M AC Motors".

The noise is reduced for the special design of the BE1T and BE2T brakes through an additional damping plate. The design is only permitted for applications with a short runtime and low braking work without a safety function.

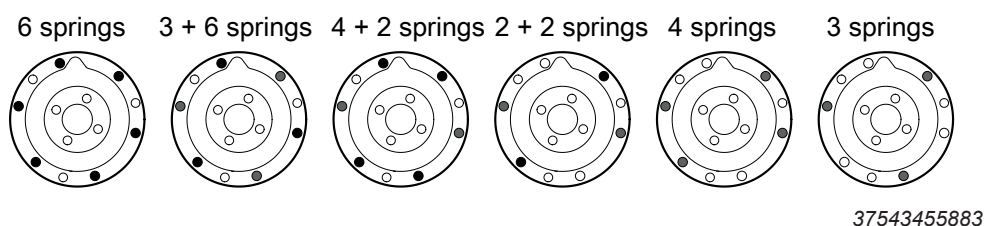
2 Braking torques

2.1 Overview of combinations

Brake	Braking torque	Type and number of brake springs			Type and number of additional plates	
	Nm	Standard [50]	Blue [276]	White [1312]	Damping plate [718]	Pole sheet [63]
BE1T	10	6	-	-	2	-
	7	4	2	-	2	-
	5	3	-	-	2	-
BE2T	20	6	-	-	2	-
	14	2	4	-	2	-
	10	2	2	-	2	-
	7	-	4	-	2	-
	5	-	3	-	2	-

2.2 Brake spring layout

The following diagram shows the arrangement of the brake springs:



2.3 Overview of order numbers

Brake type	Component	Item no.	Design	Part number
BE1T	Brake spring	[50]	Standard / SR	0135017X
	Brake spring	[276]	Blue / BU	13741373
	Damping plate	[718]	Standard	13740563
	Damping plate	[718]	DUE	13749862
BE2T	Brake spring	[50]	Standard / SR	13740245
	Brake spring	[276]	Blue / BU	13740520
	Damping plate	[718]	Standard	13740199
	Damping plate	[718]	DUE	13749870

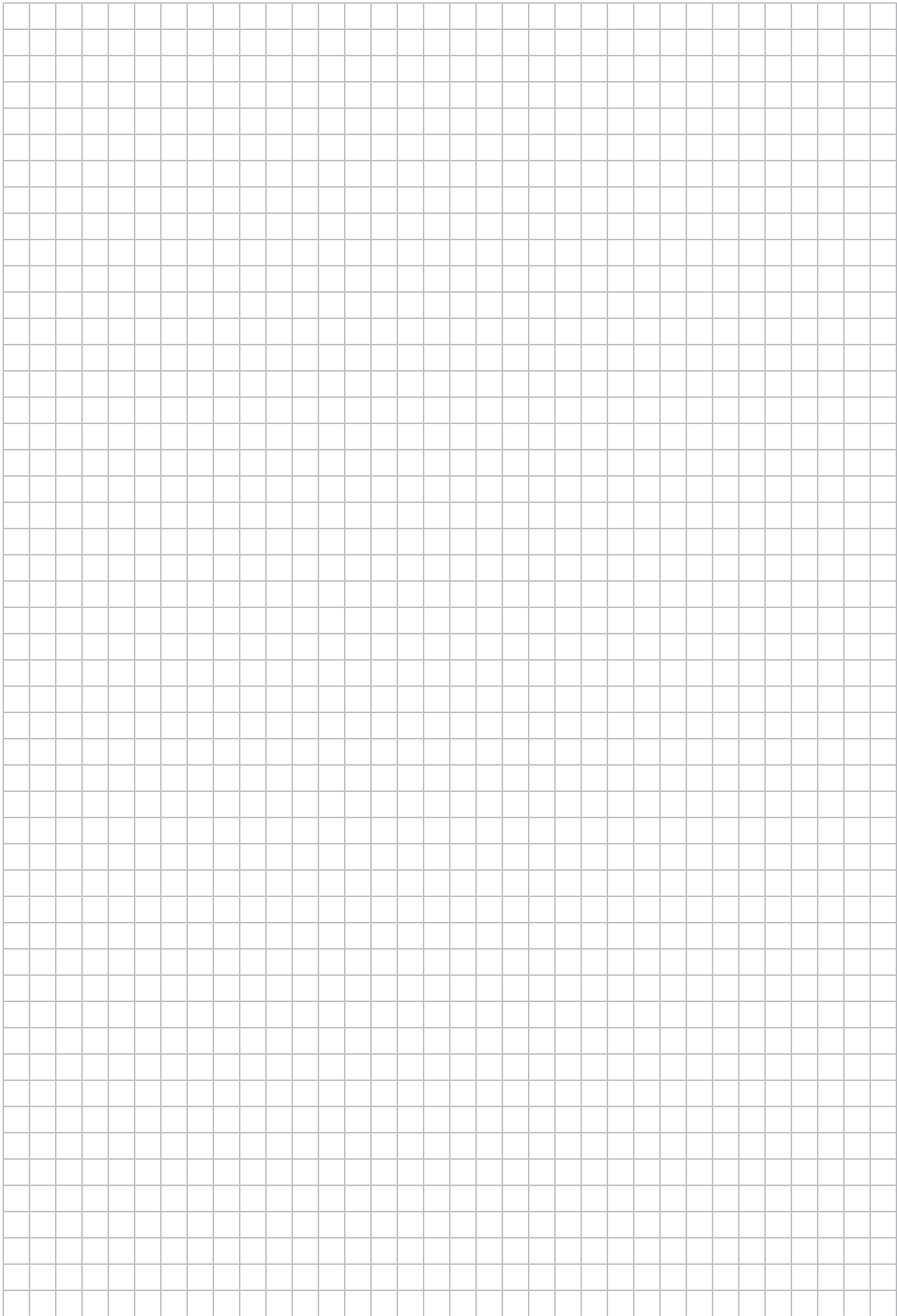
3 Braking work until maintenance

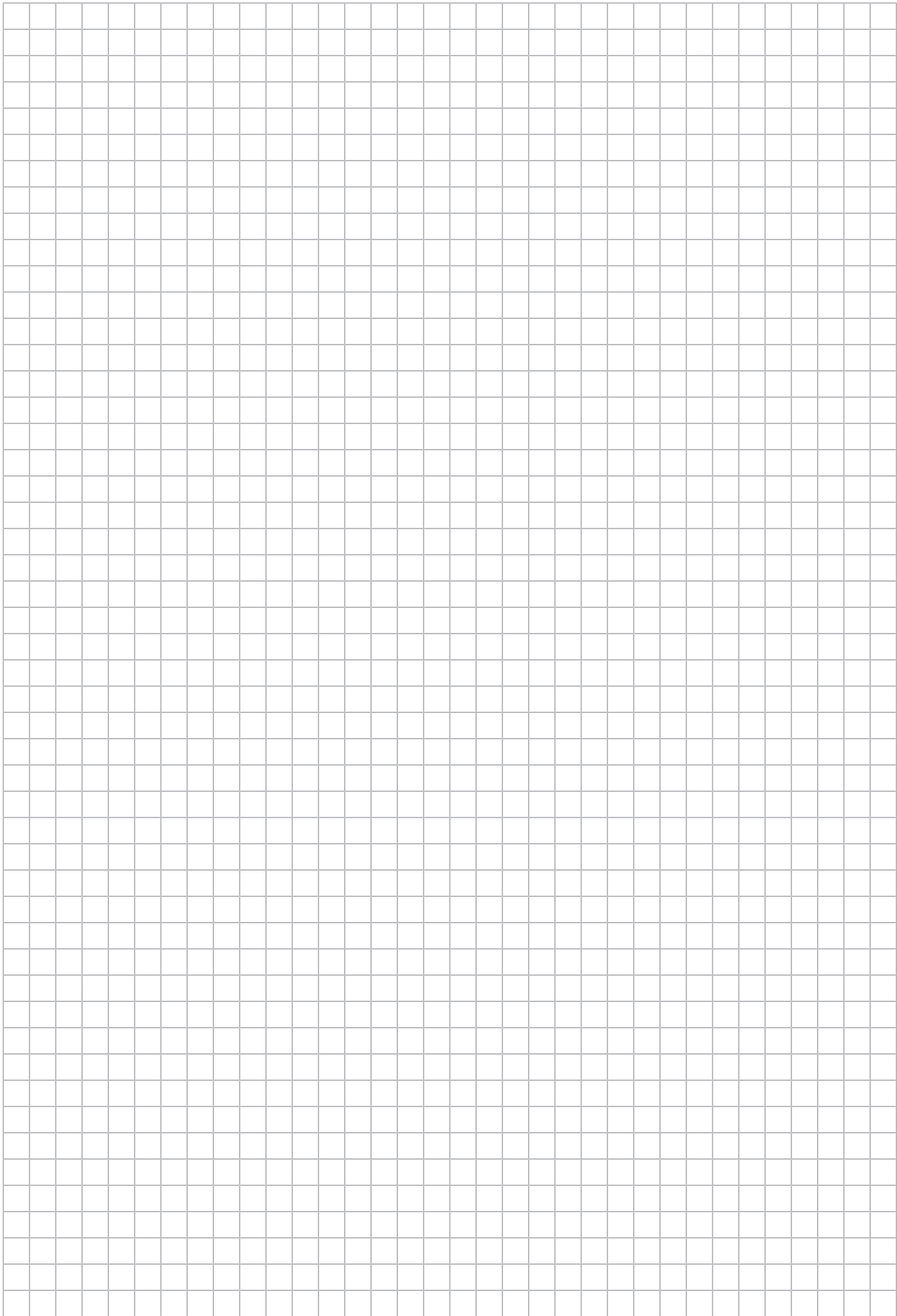
	Braking work of BE.. brake until inspection (W_{insp}) in 10^6 J	
FS code	-	FS04, FS07
Brake		
BE1T	20	20
BE2T	30	30

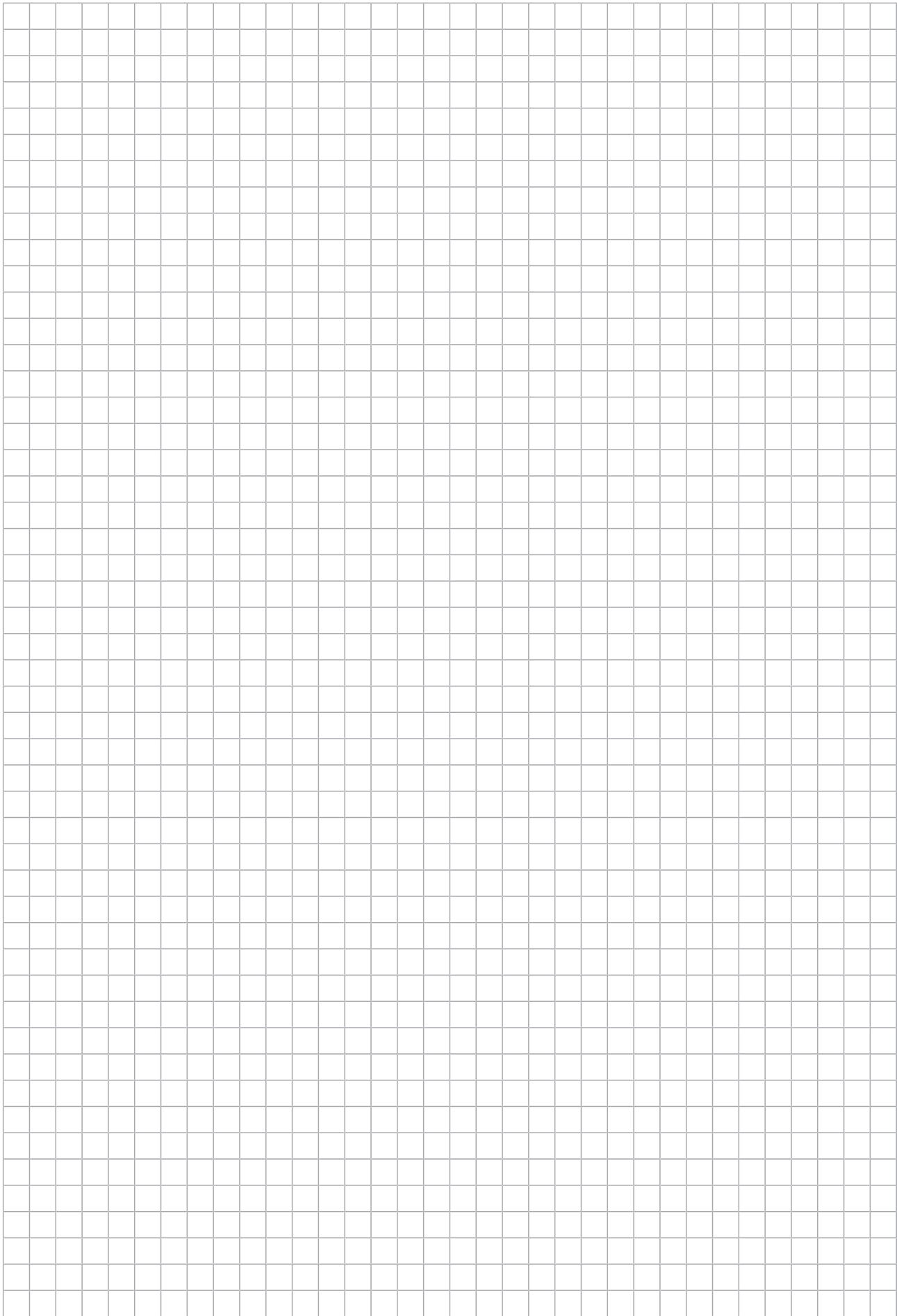
4 Working air gaps

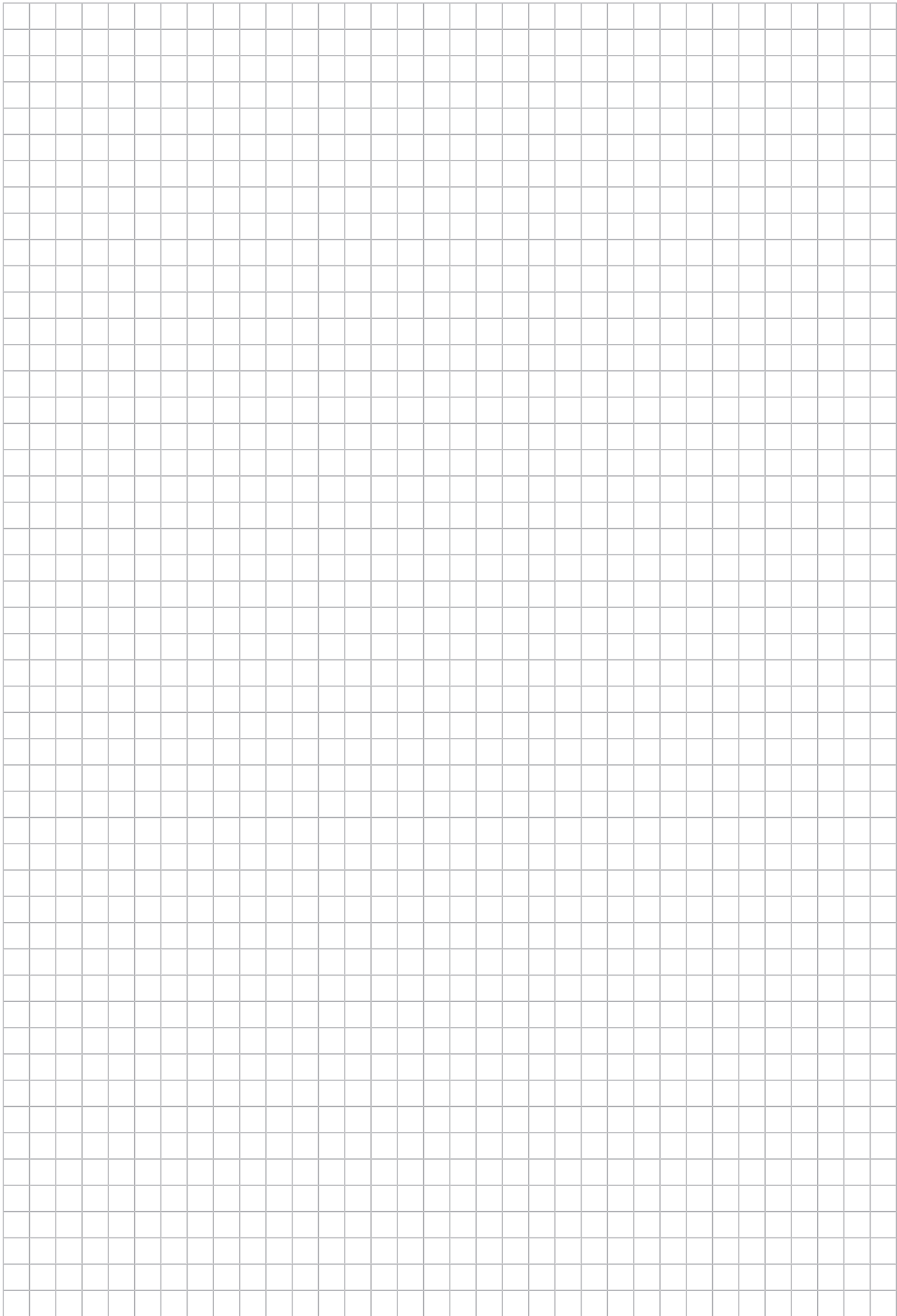
Brake	Working air gap mm		Brake lining carrier mm
	min. ¹⁾	max.	min.
BE1T	0.15	0.3	11
BE2T	0.15	0.3	11

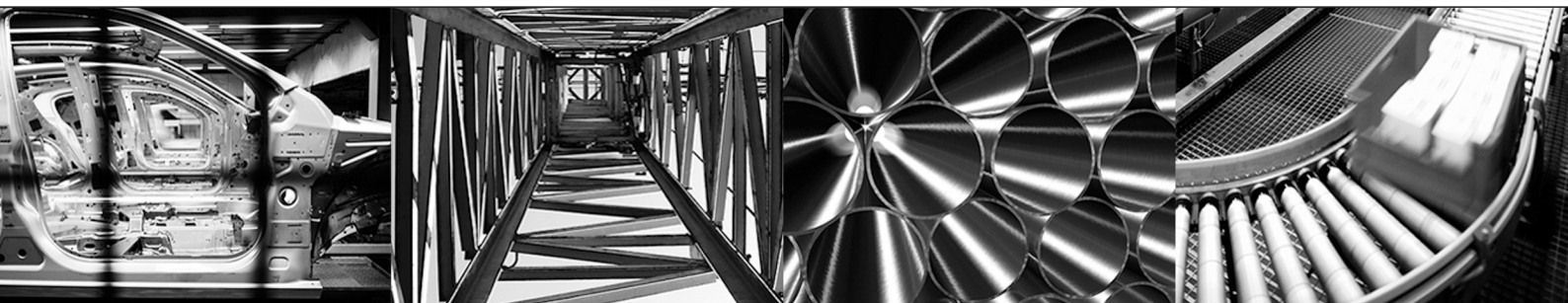
1) When checking the working air gap, note: After a test run, parallelism tolerances on the brake lining carrier may give rise to deviations of ± 0.10 mm.













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