



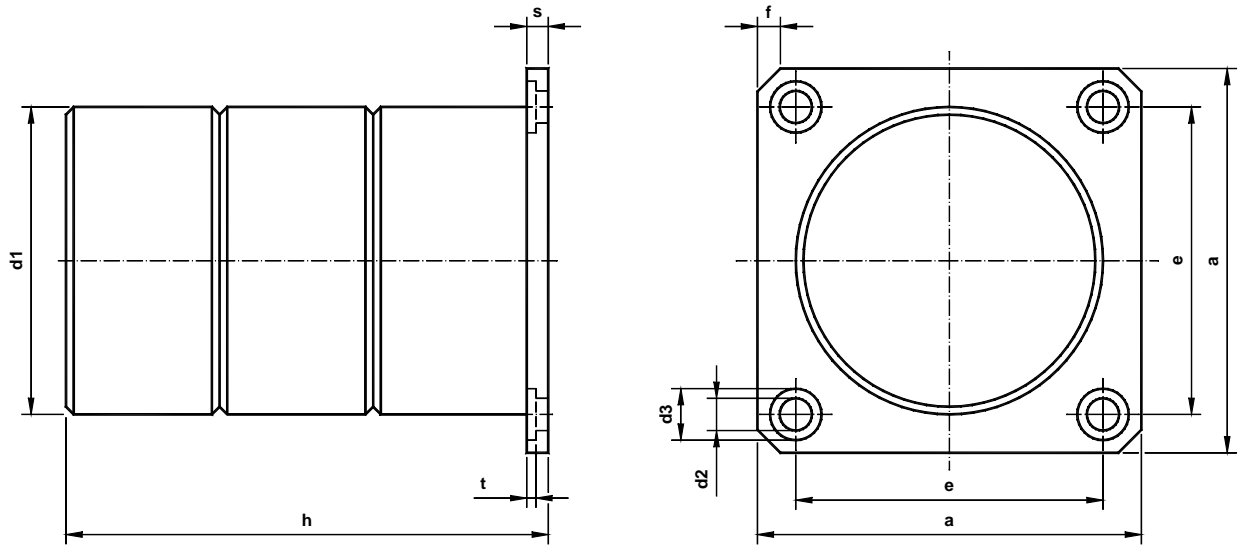
RIW - Zellstoffpuffer

RIW - Cellular plastic buffers

mit Grundplatte - with base plate

NO 16941

Seite / page 1



Bezeichnung eines Zellstoffpuffers $d_1 = 400$, $h = 420$:
RIW - Zellstoffpuffer 400 x 420 NO 16941

Designation of a cellular plastic buffer $d_1 = 400$, $h = 420$:
RIW - Cellular plastic buffer 400 x 420 NO 16941

Nenngröße size	Abmessungen - dimensions (mm)								Arbeitsaufnahme energy capacity kJ ¹⁾	Federweg compression mm ¹⁾	Endkraft end force kN ¹⁾	Stückgewicht unit weight kg
	d_1	a	e	f	d_2	d_3	h	s				
80	110	80	10	12,5	-	50	10	-	0,8	30	50	0,4
						90			1,5	60		0,6
						130			2,3	90		0,7
100	125	100	10	12,5	-	60	10	-	1,5	38	80	0,6
						110			3	75		0,9
						160			4,4	113		1,1
125	160	125	15	17	-	75	12	-	2,9	47	125	1,2
						137			5,7	94		1,6
						202			8,6	143		2,2
160	200	160	15	17	-	92	12	-	6	60	200	2,2
						172			12	120		3,1
						252			18	180		4
200	250	200	15	21	33,5	114	14	6	12	75	310	4
						214			24	150		5,8
						314			35	225		7,5
250	320	250	15	21	33,5	140	15	6	23	94	490	7,5
						265			46	188		11
						390			69	280		15
315	400	315	40	21	33,5	175	15	6	47	120	780	26
						330			93	236		33
						490			140	356		41
400	500	400	50	25	39	220	20	8	94	150	1250	51
						420			188	300		66
						620			282	450		81
500	630	500	60	25	39	270	20	8	185	188	1950	88
						520			370	375		116
						770			555	563		146
600	730	600	70	25	39	320	20	8	317	225	2800	129
						620			633	450		178
						920			950	675		233

Werkstoffe: Federkörper: geschäumtes Polyurethan 0,5 kg/dm³
 Grundplatte: ≤ Größe 200 G Al Si9 Cu3
 ≥ Größe 250 S235JRG2

1) Diese Werte gelten nur für Stöße, wie sie beim Kranbetrieb auftreten.

Diese Puffer sind nicht als Federn verwendbar.
 Auswahldiagramme siehe Seiten 2 - 9.

Bei Stoß Puffer gegen Puffer h max. = d_1

Auf Wunsch werden die Pufferkörper durch Drahtseile gegen Herunterfallen gesichert.

Weitere RIW - Anschlag- und Schwingungspuffer siehe NO 16925 - NO 16982.

Materials: Spring body: foamed polyurethane 0,5 kg/dm³
 base plate: ≤ size 200 G Al Si9 Cu3
 ≥ size 250 S235JRG2

1) These data are valid only for impacts as arise at crane operating.

These buffers are not usable as springs.
 Diagrams of selection see pages 2 - 9.

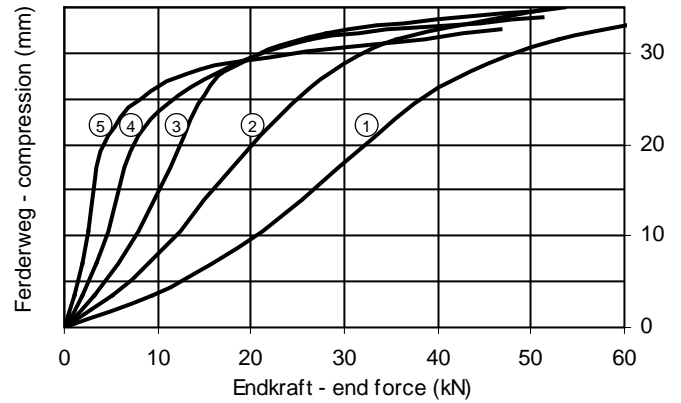
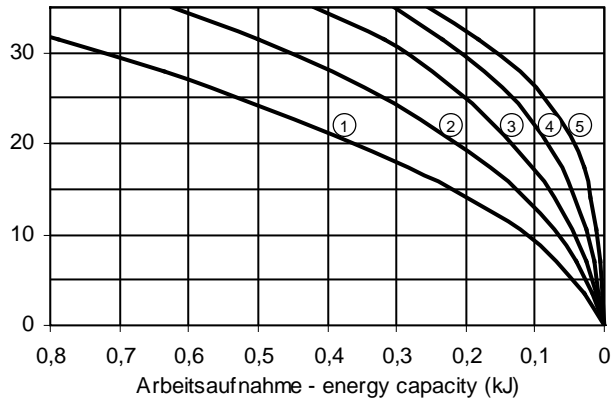
When impacting buffer against buffer h max. = d_1

On request, buffer bodies will be secured against dropping by wire rope.

Further RIW - impact and vibration damping buffers see NO 16925 - NO 16982

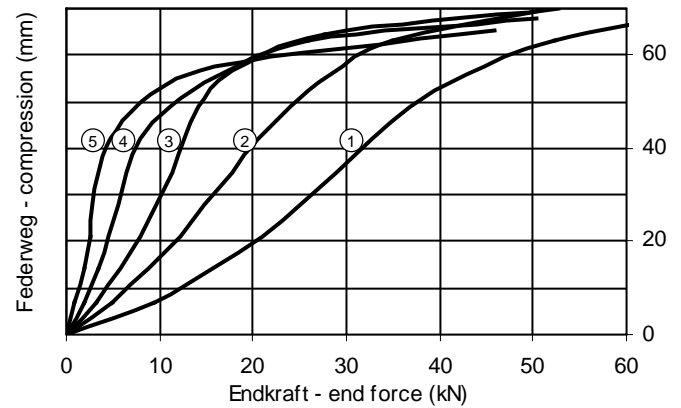
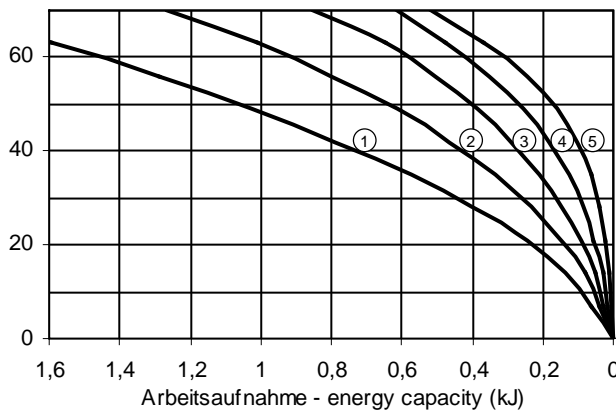
RIW – Zellstoffpuffer / Cellular plastic buffer

80 x 50



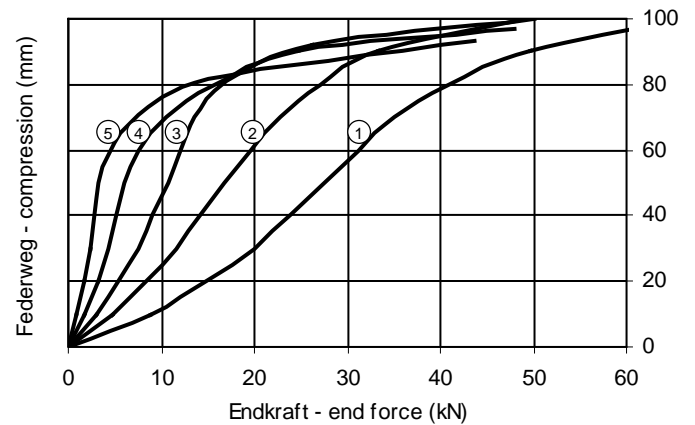
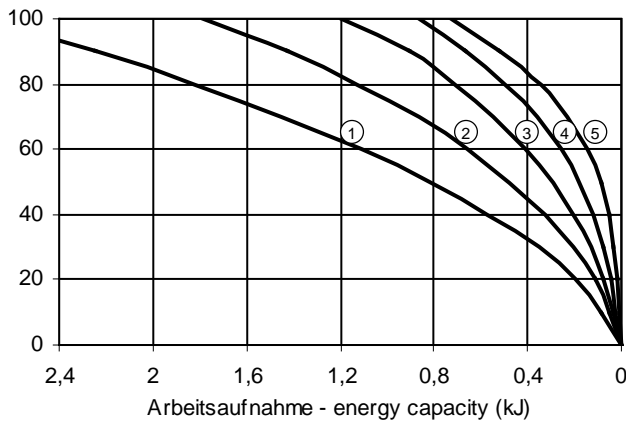
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80 x 90



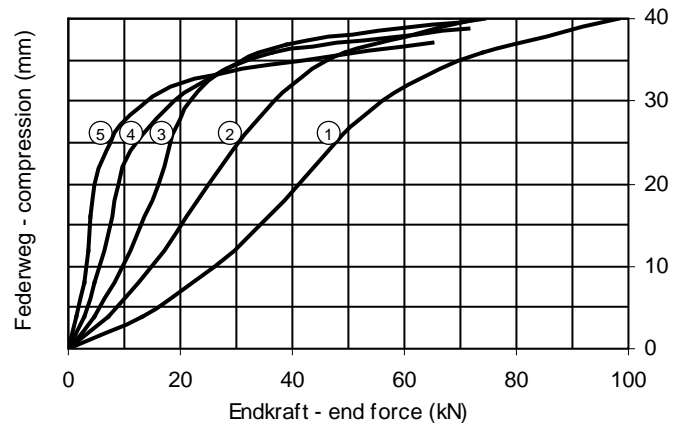
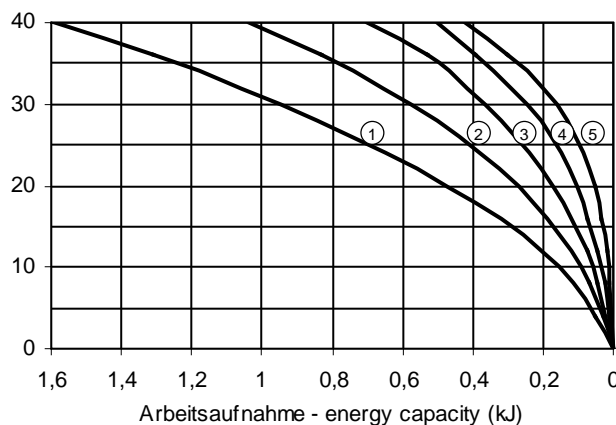
RIW – Zellstoffpuffer / Cellular plastic buffer

80 x 130



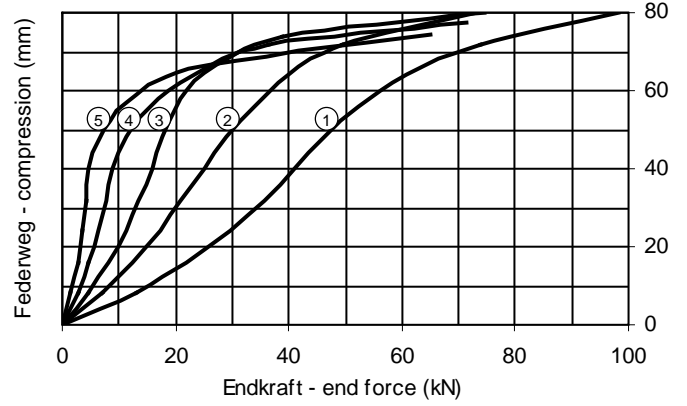
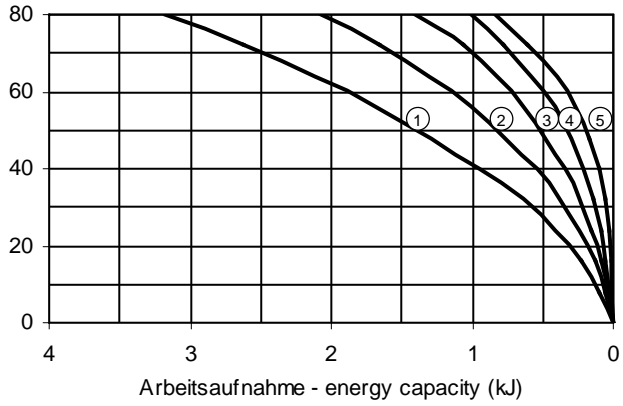
RIW – Zellstoffpuffer / Cellular plastic buffer

100 x 60



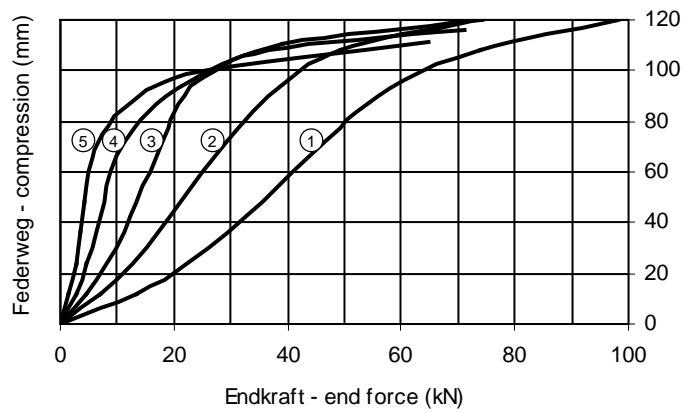
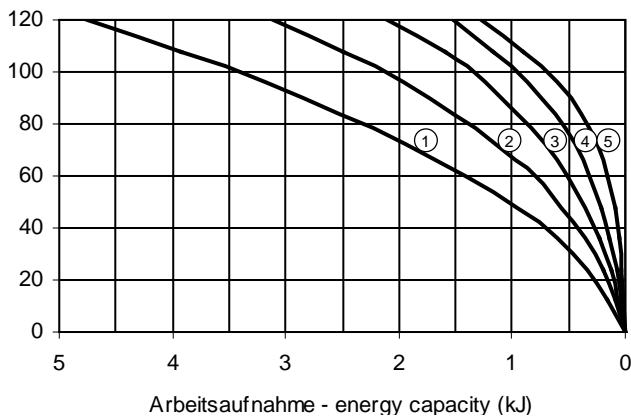
RIW – Zellstoffpuffer / Cellular plastic buffer

100 x 110



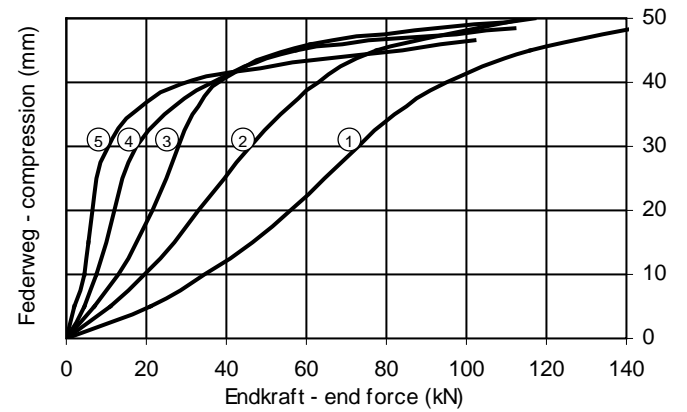
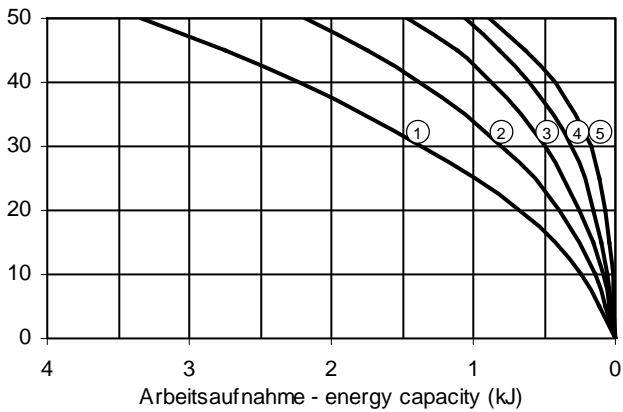
RIW – Zellstoffpuffer / Cellular plastic buffer

100 x 160



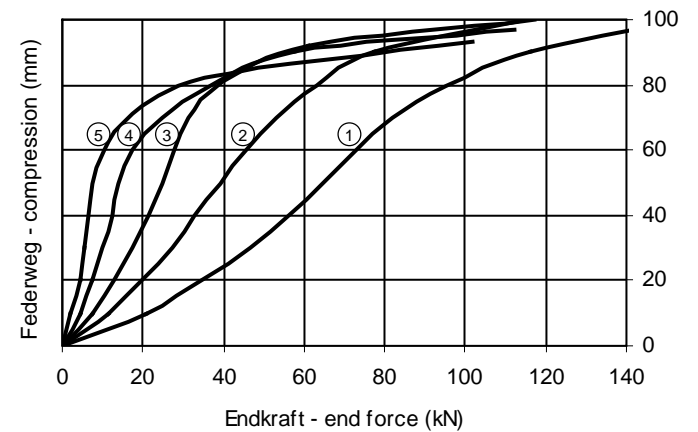
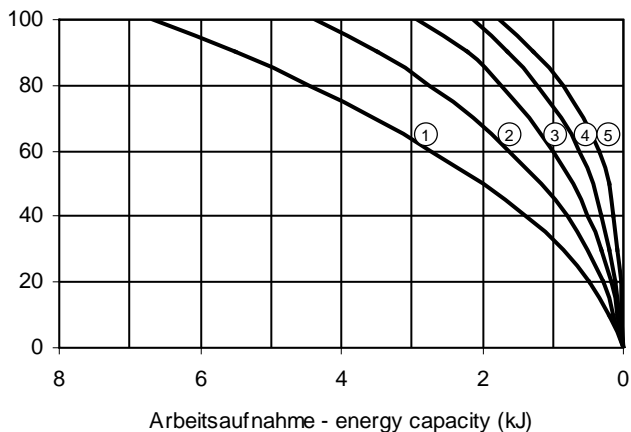
RIW – Zellstoffpuffer / Cellular plastic buffer

125 x 75



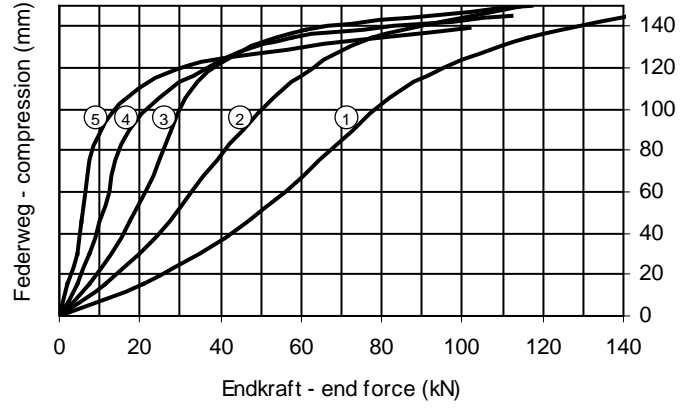
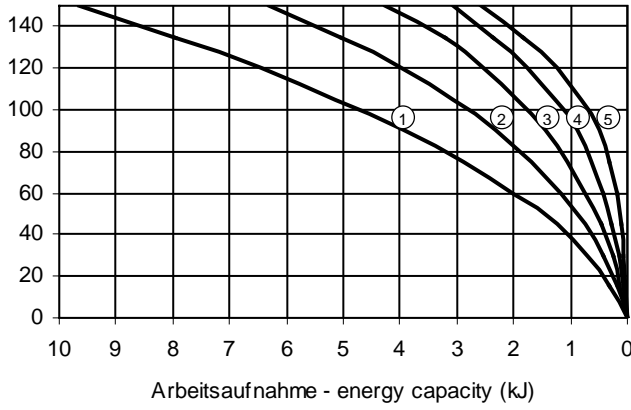
RIW – Zellstoffpuffer / Cellular plastic buffer

125 x 137



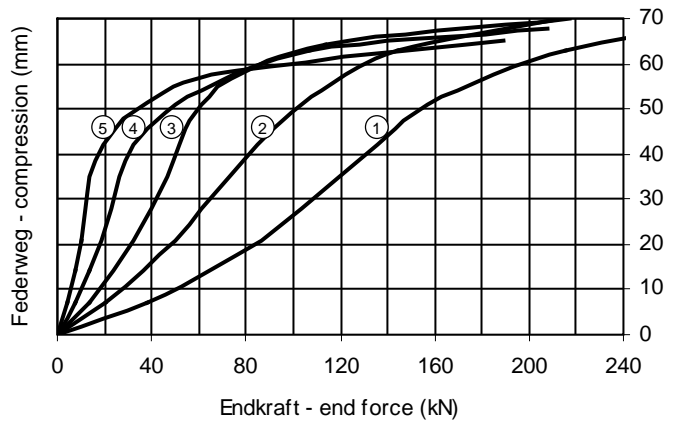
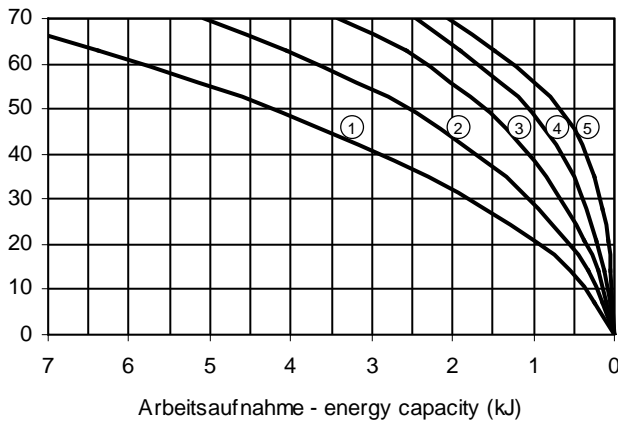
RIW – Zellstoffpuffer / Cellular plastic buffer

125 x 202



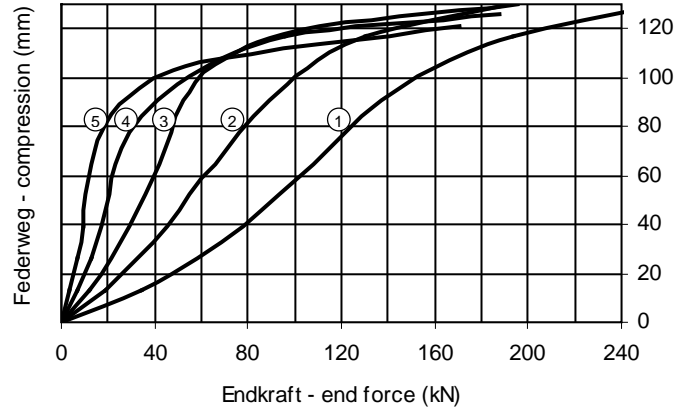
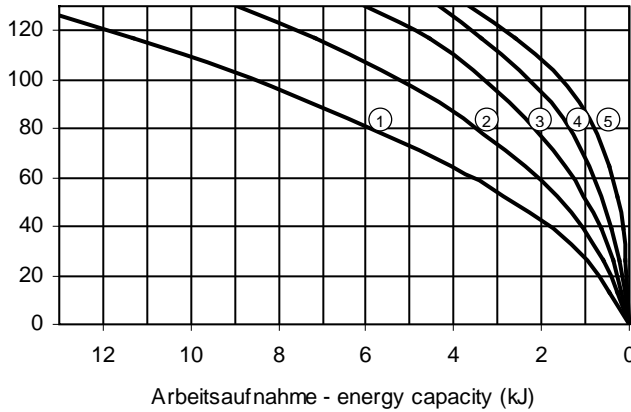
RIW – Zellstoffpuffer / Cellular plastic buffer

160 x 92



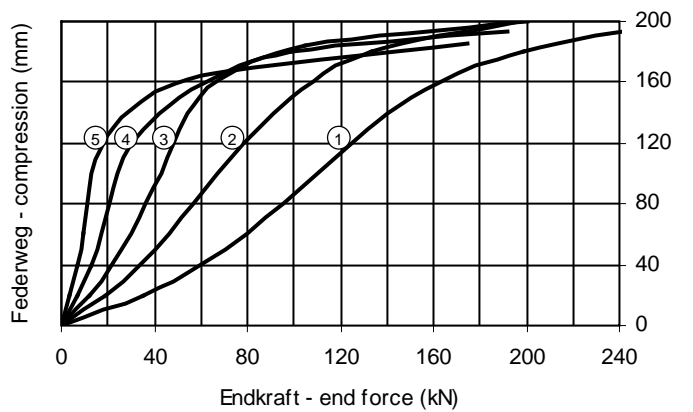
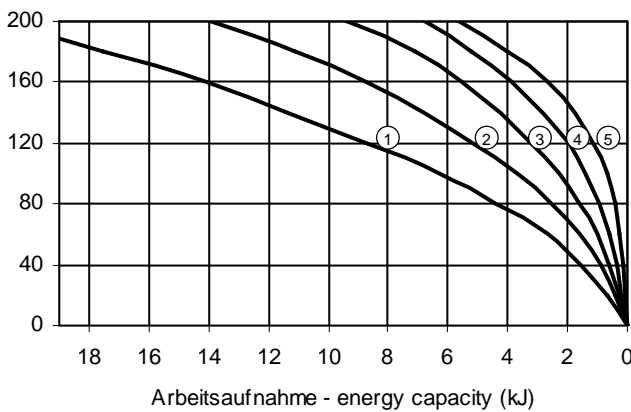
RIW – Zellstoffpuffer / Cellular plastic buffer

160 x 172



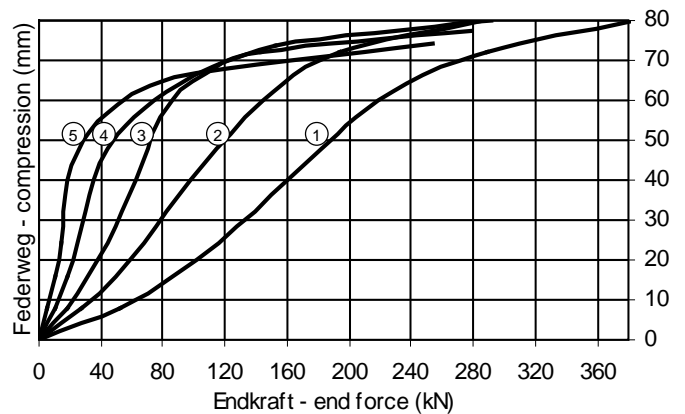
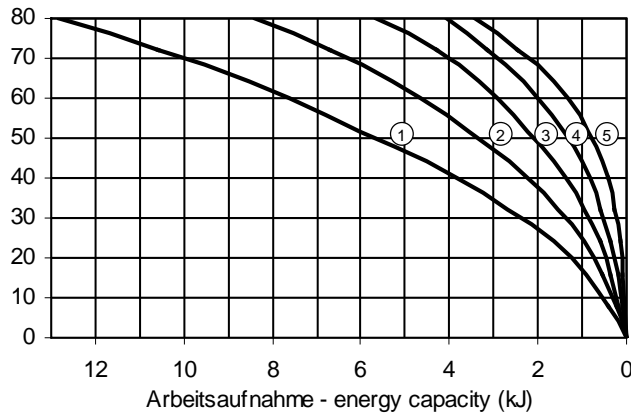
RIW – Zellstoffpuffer / Cellular plastic buffer

160 x 252



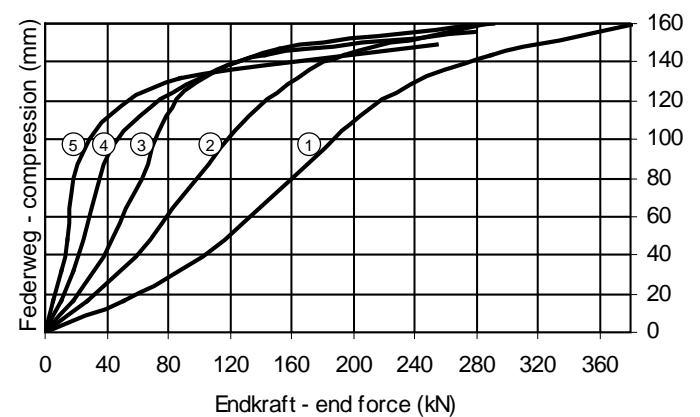
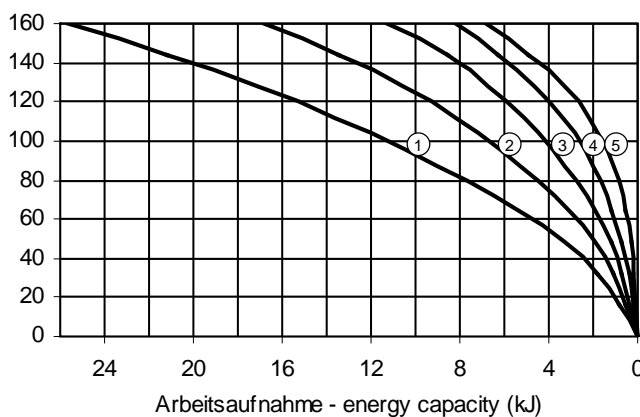
RIW – Zellstoffpuffer / Cellular plastic buffer

200 x 114



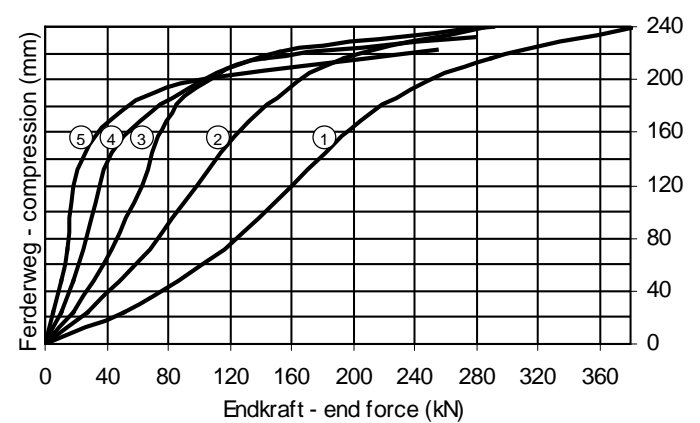
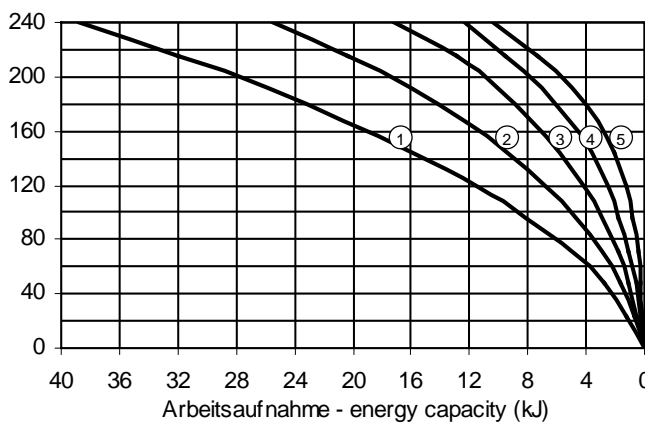
RIW – Zellstoffpuffer / Cellular plastic buffer

200 x 214



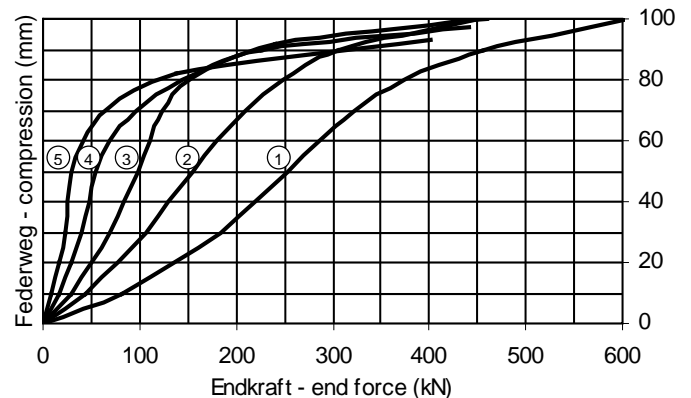
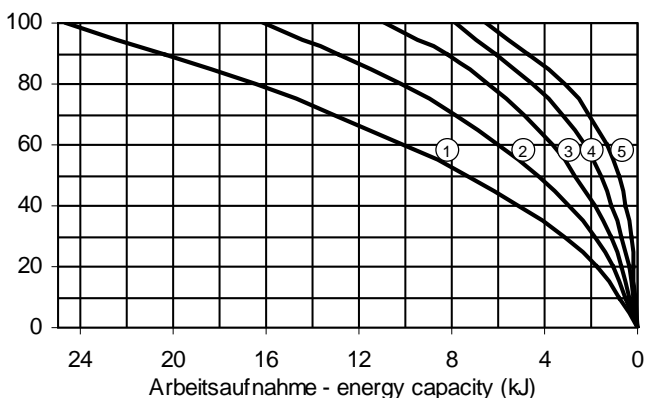
RIW – Zellstoffpuffer / Cellular plastic buffer

200 x 314



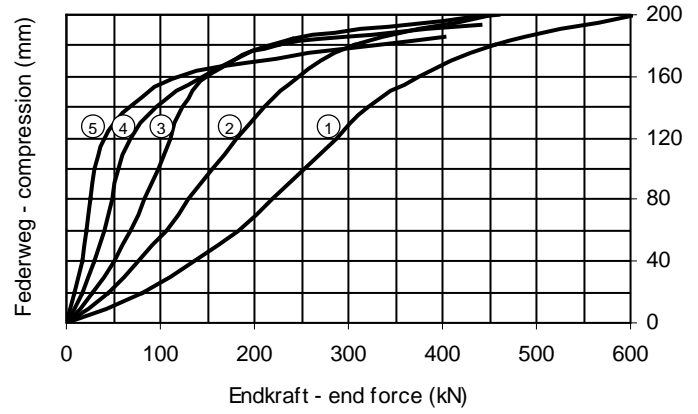
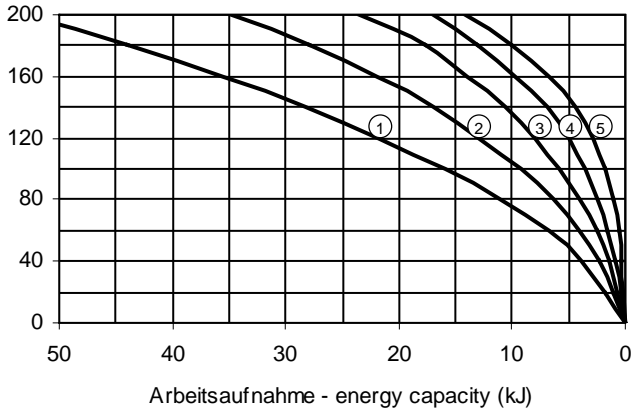
RIW – Zellstoffpuffer / Cellular plastic buffer

250 x 140



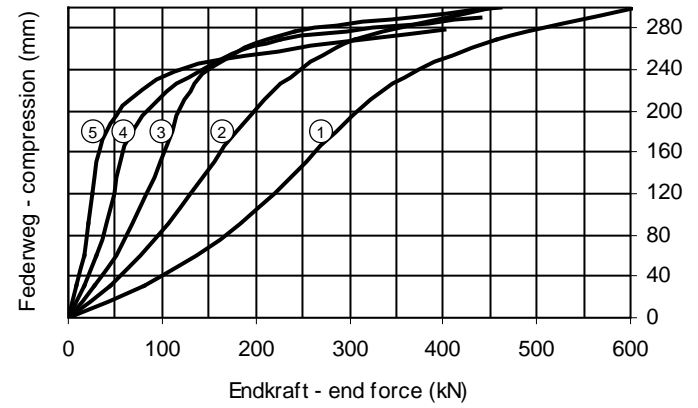
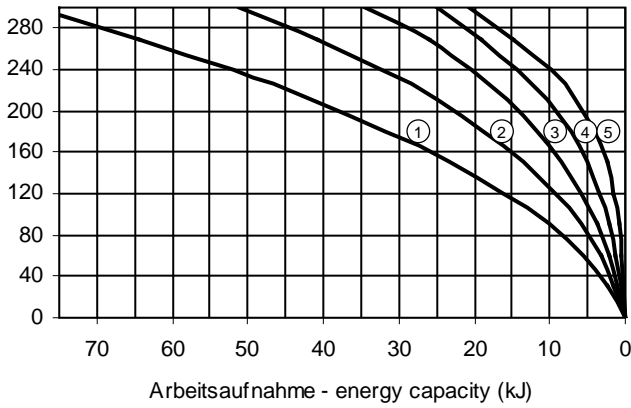
RIW – Zellstoffpuffer / Cellular plastic buffer

250 x 265



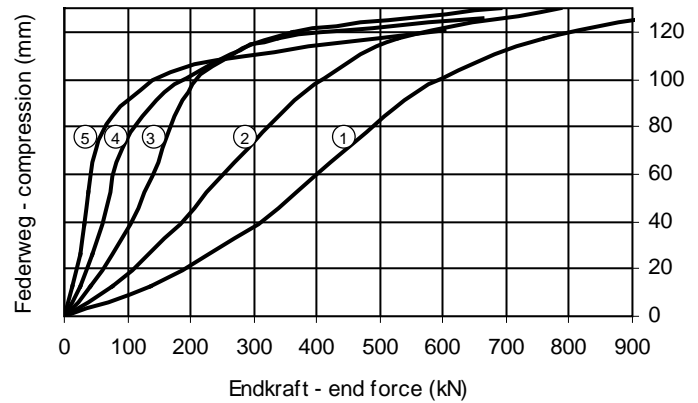
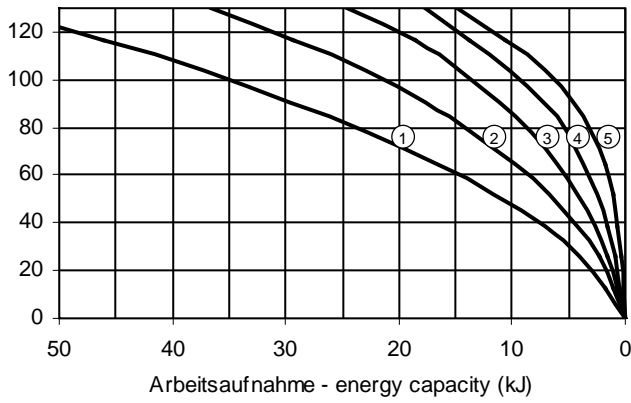
RIW – Zellstoffpuffer / Cellular plastic buffer

250 x 390



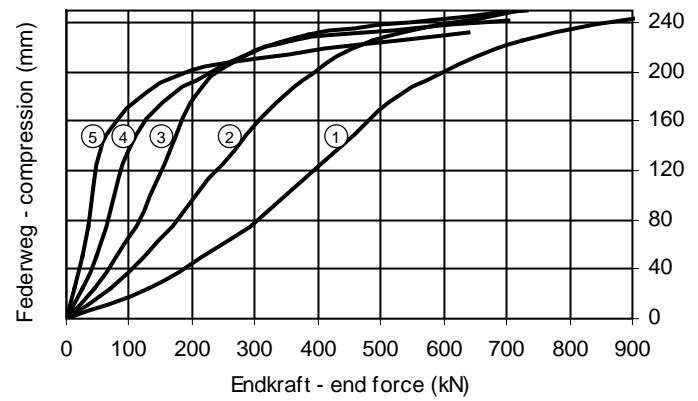
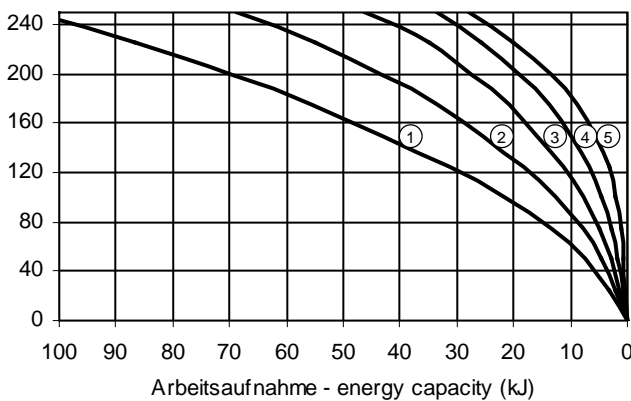
RIW – Zellstoffpuffer / Cellular plastic buffer

315 x 175



RIW – Zellstoffpuffer / Cellular plastic buffer

315 x 330

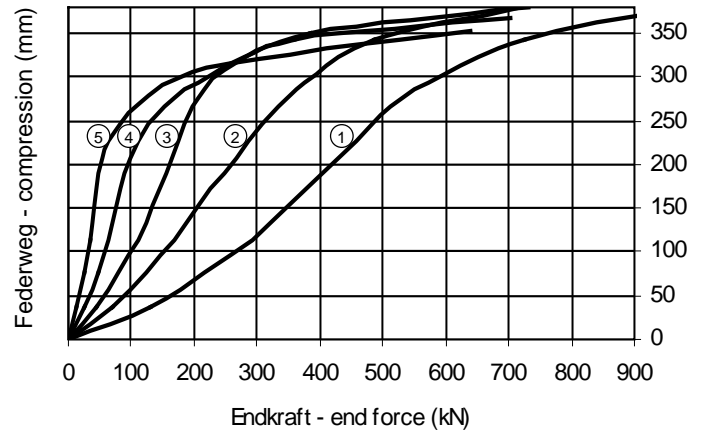
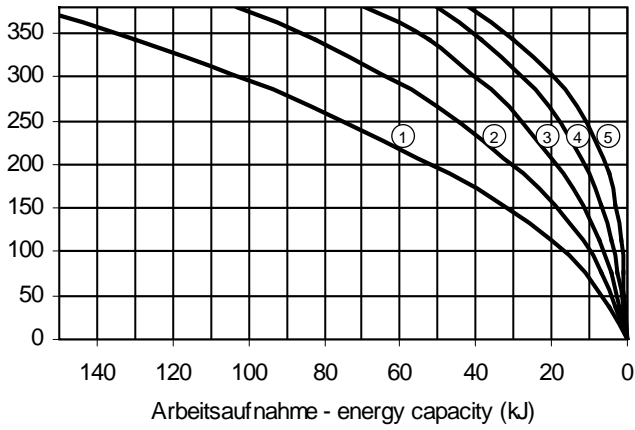


NO 16941

Seite / page 7

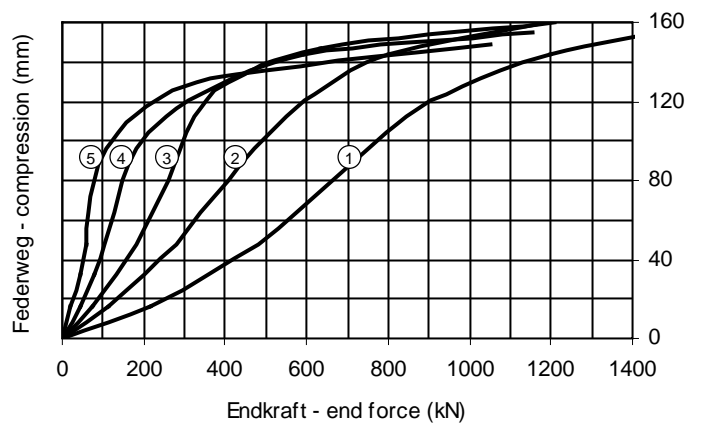
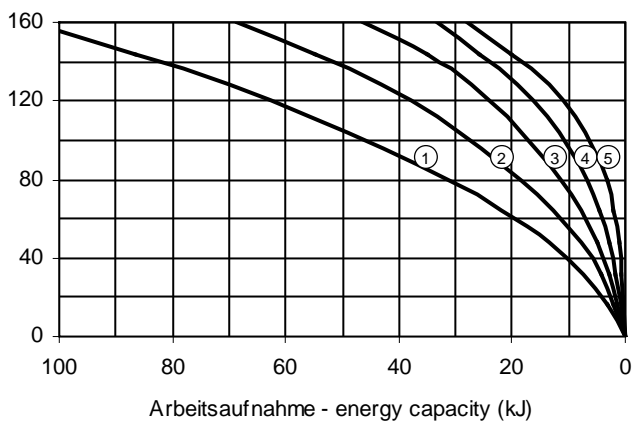
RIW – Zellstoffpuffer / Cellular plastic buffer

315 x 490



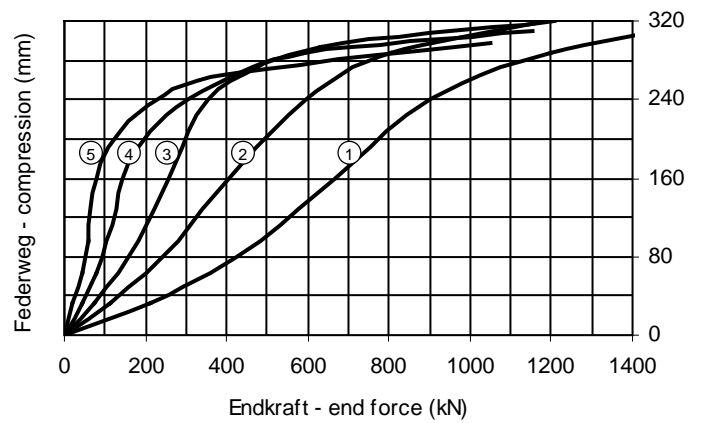
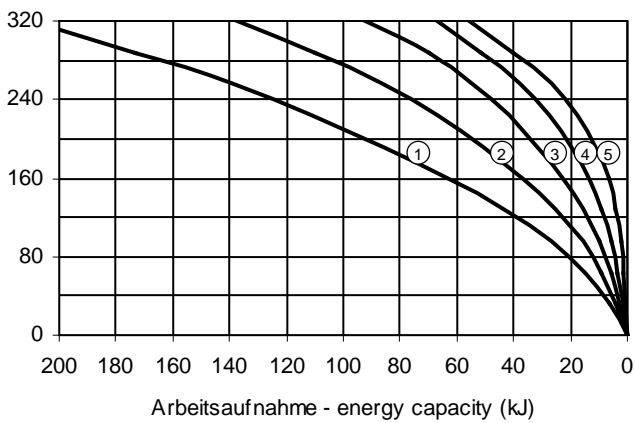
RIW – Zellstoffpuffer / Cellular plastic buffer

400 x 220



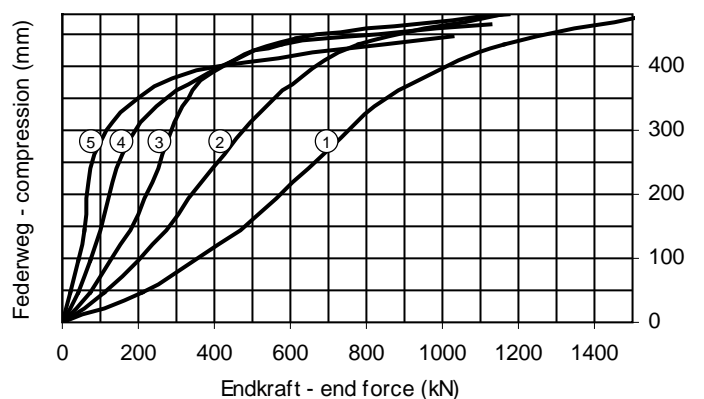
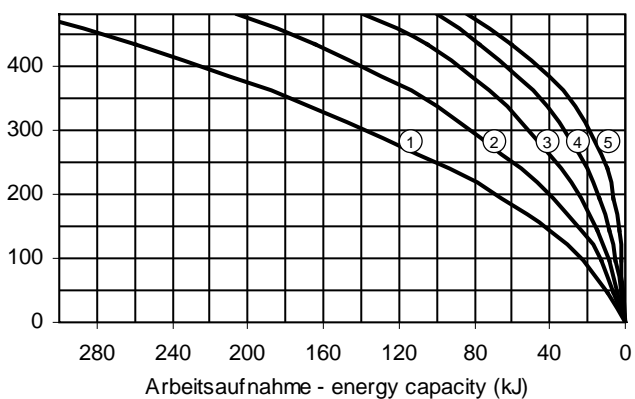
RIW – Zellstoffpuffer / Cellular plastic buffer

400 x 420



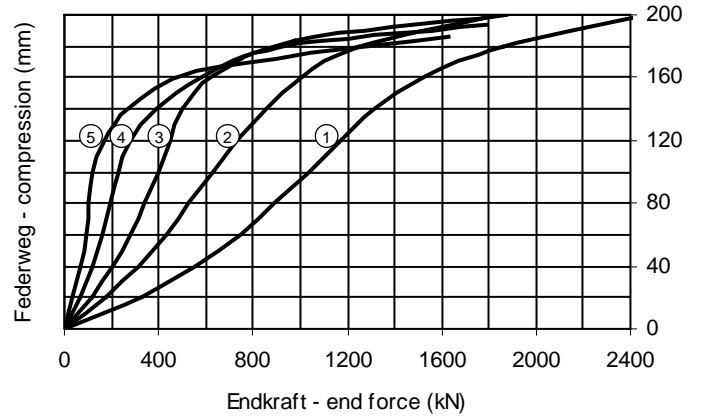
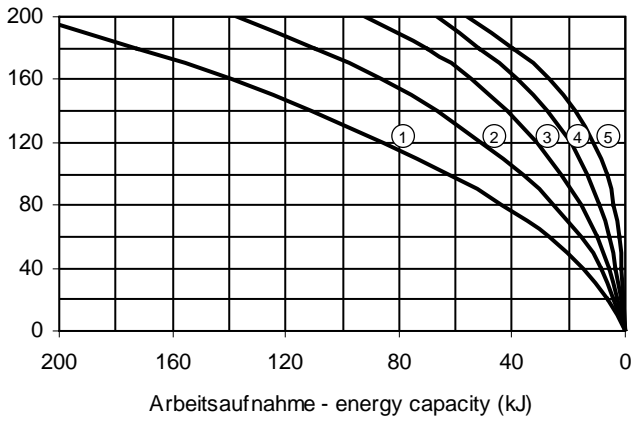
RIW – Zellstoffpuffer / Cellular plastic buffer

400 x 620



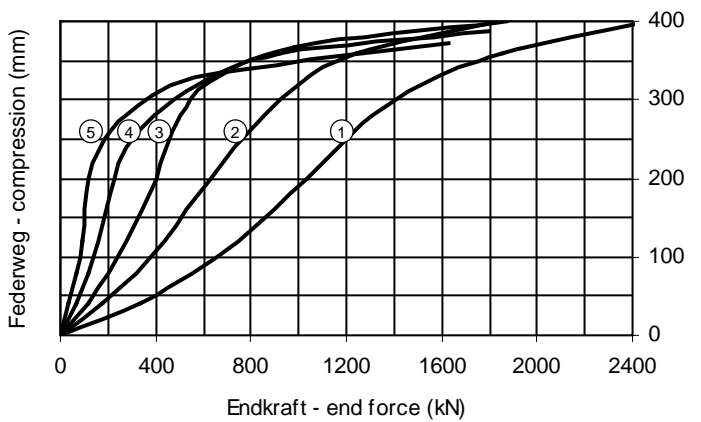
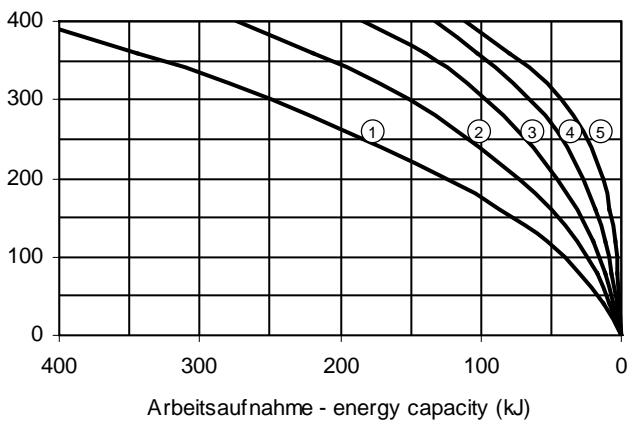
RIW – Zellstoffpuffer / Cellular plastic buffer

500 x 270



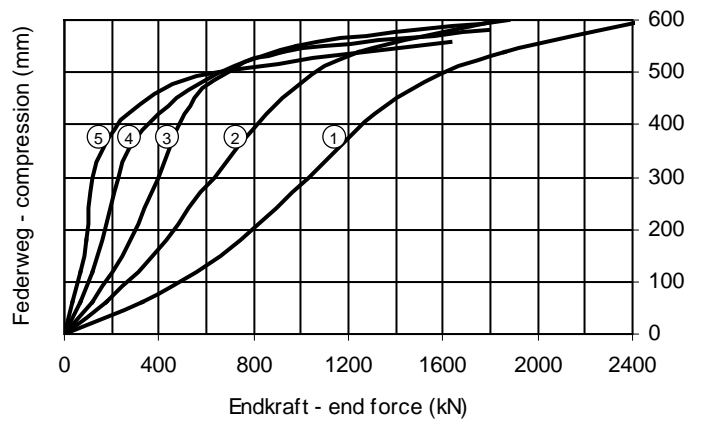
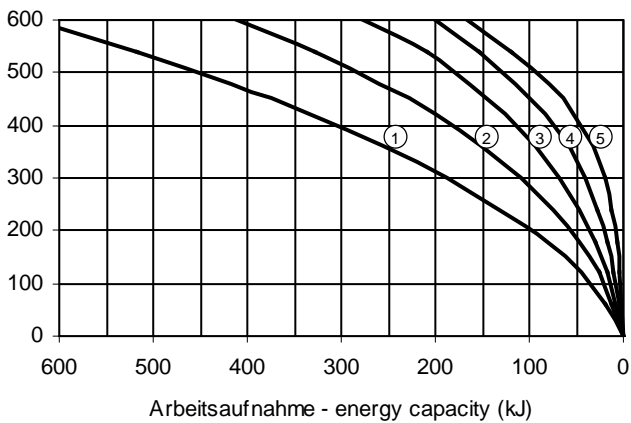
RIW – Zellstoffpuffer / Cellular plastic buffer

500 x 520



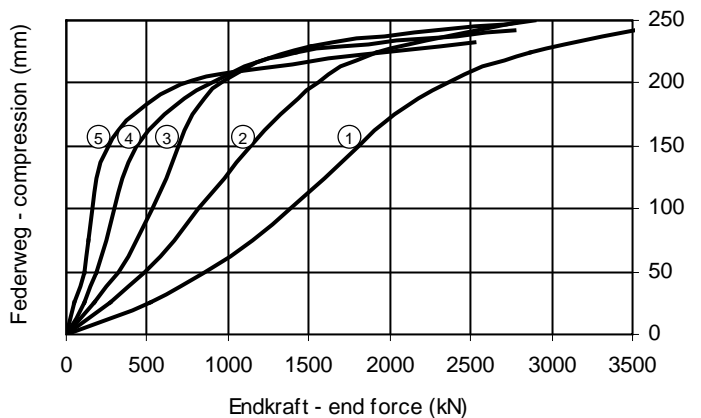
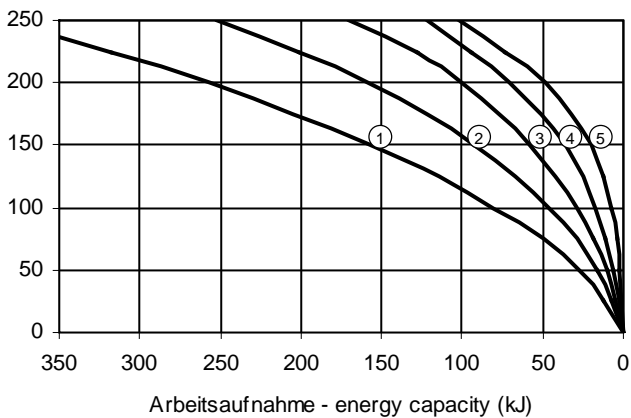
RIW – Zellstoffpuffer / Cellular plastic buffer

500 x 770



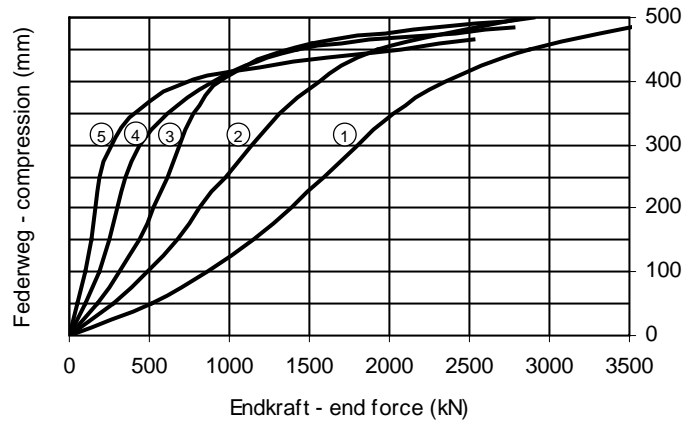
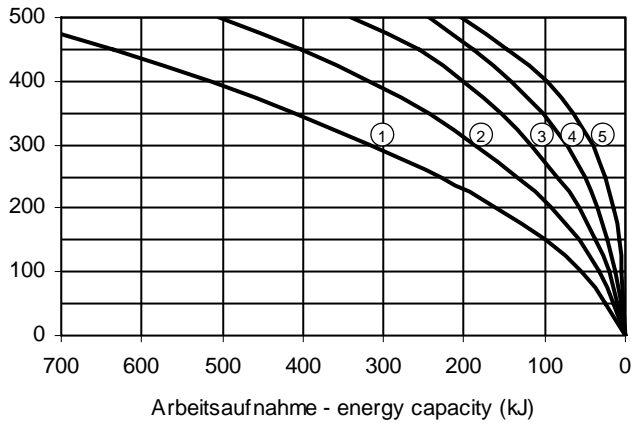
RIW – Zellstoffpuffer / Cellular plastic buffer

600 x 320



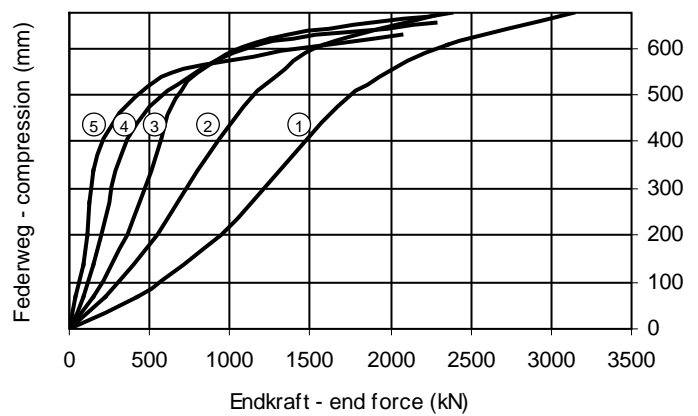
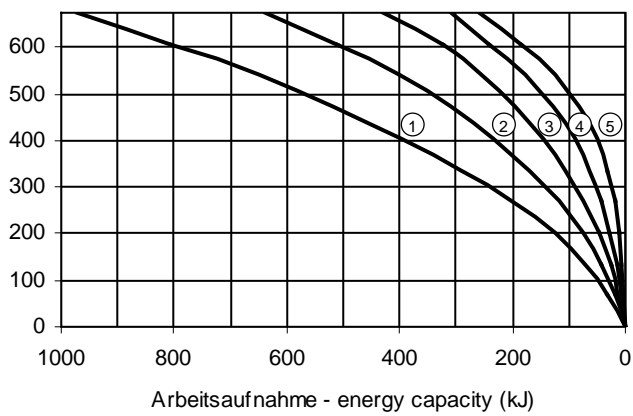
RIW – Zellstoffpuffer / Cellular plastic buffer

600 x 620



RIW – Zellstoffpuffer / Cellular plastic buffer

600 x 920



Aufprallgeschwindigkeiten

- ① $v = 4 \text{ m/s}$
- ② $v = 3 \text{ m/s}$
- ③ $v = 2 \text{ m/s}$
- ④ $v = 1 \text{ m/s}$
- ⑤ statisch