

Puffergeometrien (PG)
können bei anderen
Größen von der hier
dargestellten abweichen.

At other dimensions,
buffer geometries (bg)
may differ from the beside
pictured.

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

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

Nenn- größe size d_1	Abmessungen - dimensions (mm)									Arbeits- aufnahme energy capacity kJ ¹⁾	Feder- weg com- pression mm ¹⁾	End- kraft end force kN ¹⁾	Stück- gewicht unit weight kg
	a	e	f	d_2	h	l	PG bg 1 zylindrisch / cylindrical 2 konisch / conical	s	t				
80	110	80	10	12,5	40	50	1	10	-	0,8	30	50	0,4
					80	90	2			1,5	60		0,6
					120	130	1			2,3	90		1,2
100	125	100	10	12,5	50	60	1	10	-	1,5	38	80	0,6
					100	110	2			3	75		1,7
					150	160	1			4,4	113		1,9
125	160	125	15	17	63	75	1	12	-	2,9	47	125	1,2
					125	137	2			5,7	94		3,0
					190	202	1			8,6	143		3,5
160	200	160	15	17	80	92	1	12	-	6	60	200	2,2
					160	172	2			12	120		5,7
					240	252	2			18	180		6,3
200	250	200	15	21	100	114	1	14	6	12	75	310	4
					200	214	2			24	150		10,8
					300	314	1			35	225		12,5
250	320	250	15	21	125	140	1	15	6	23	94	490	7,5
					250	265	1			46	188		19
					375	390	1			69	280		20
315	400	315	40	21	160	175	1	15	6	47	120	780	26
					315	330	1			93	236		27
					475	490	1			140	356		37
400	500	400	50	25	200	220	1	20	8	94	150	1250	51
					400	420	1			188	300		66
					600	620	1			282	450		81
500	630	500	60	25	250	270	1	20	8	185	188	1950	88
					500	520	1			370	375		116
					750	770	1			555	563		146
600	730	600	70	25	300	320	1	20	8	317	225	2800	129
					600	620	1			633	450		178
					900	920	1			950	675		233

Werkstoffe: Federkörper: geschäumtes Polyurethan 0,5 kg/dm³
Grundplatte: S235JRG2
Auf Wunsch mit Senkbohrungen ab
Größe 200.

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.

Materials: Spring body: foamed polyurethane 0,5 kg/dm³
base plate: S235JRG2
On request with countersink
≥ size 200

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

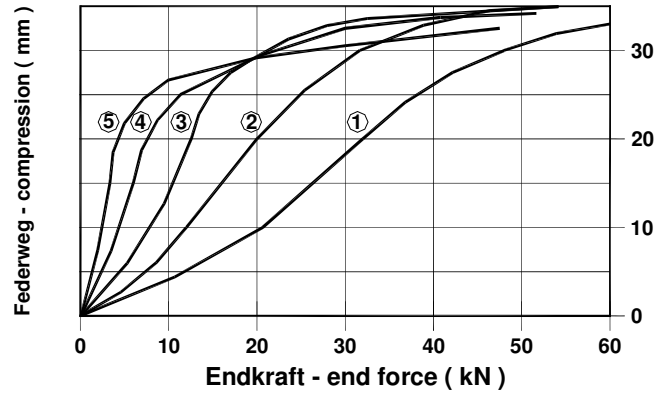
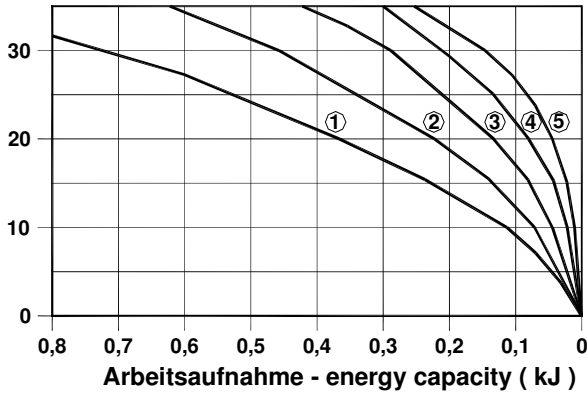
These buffers are not usable as springs.
Diagrams of selection see pages 2 - 9.

When impacting buffer against buffer $h_{max.} = d_1$

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

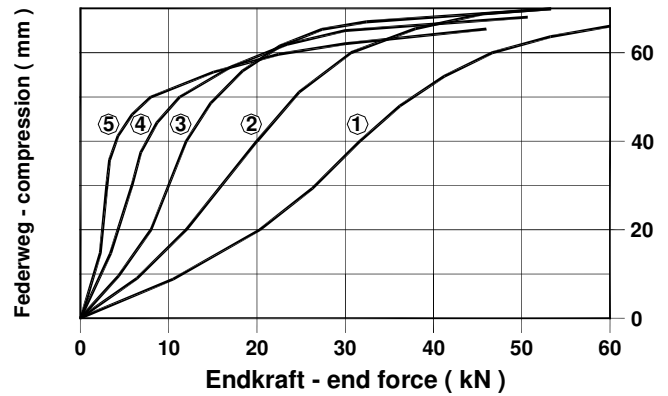
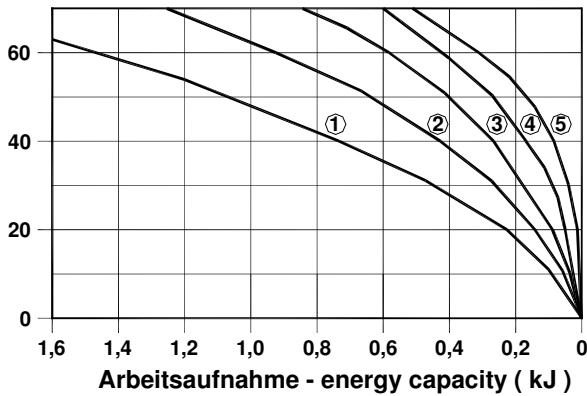
Durel - Zellstoffpuffer / cellular plastic buffer

80 x 50



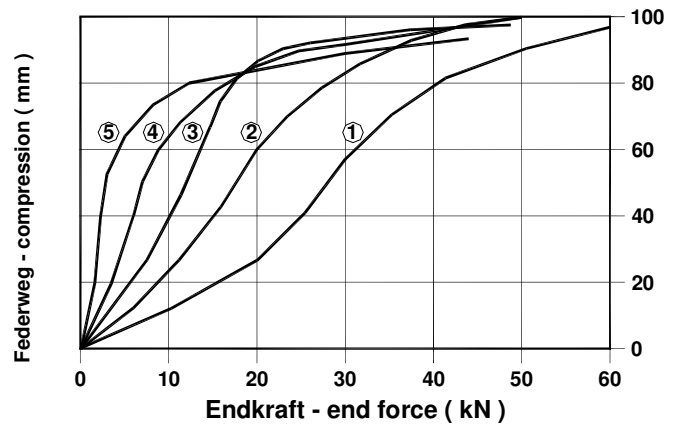
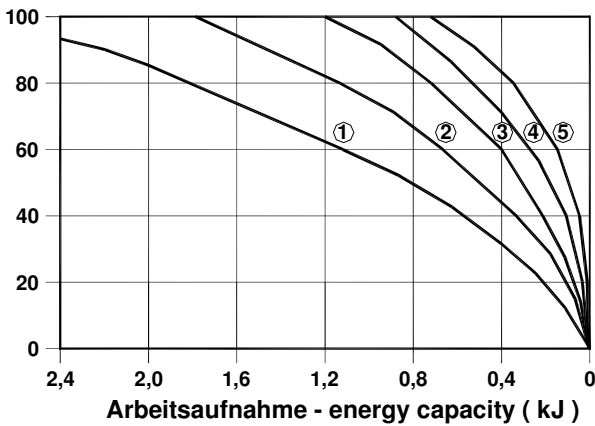
Durel - Zellstoffpuffer / cellular plastic buffer

80 x 90



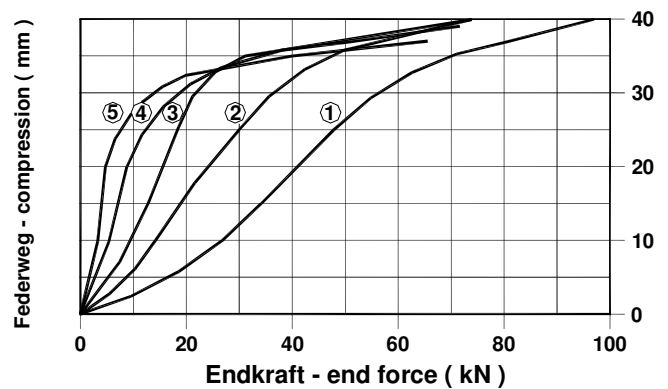
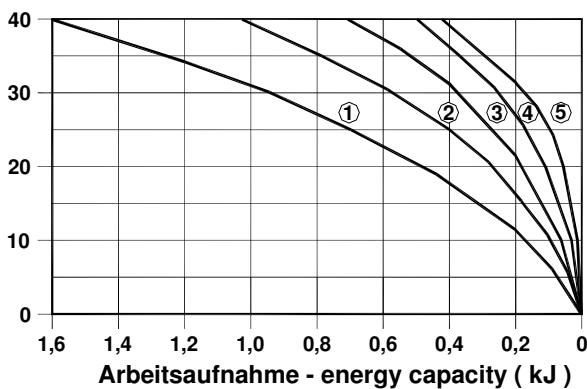
Durel - Zellstoffpuffer / cellular plastic buffer

80 x 130

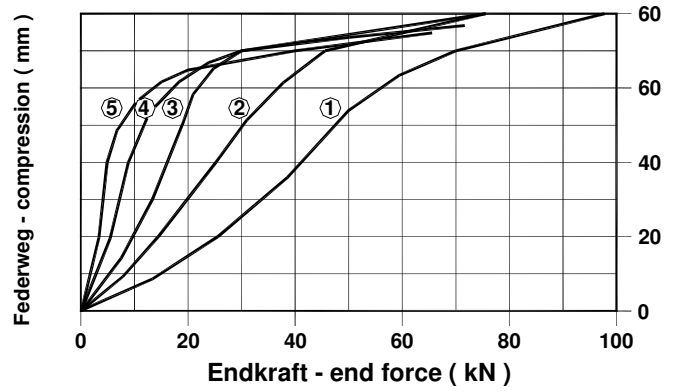
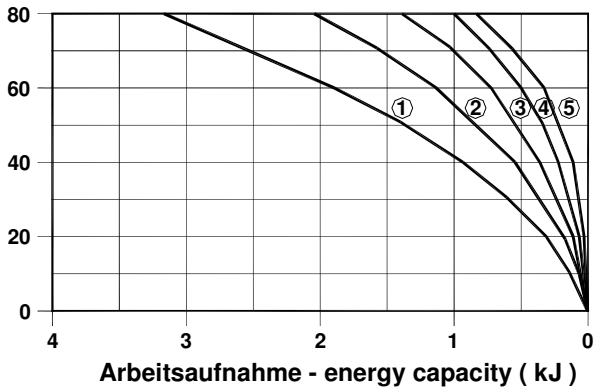


Durel - Zellstoffpuffer / cellular plastic buffer

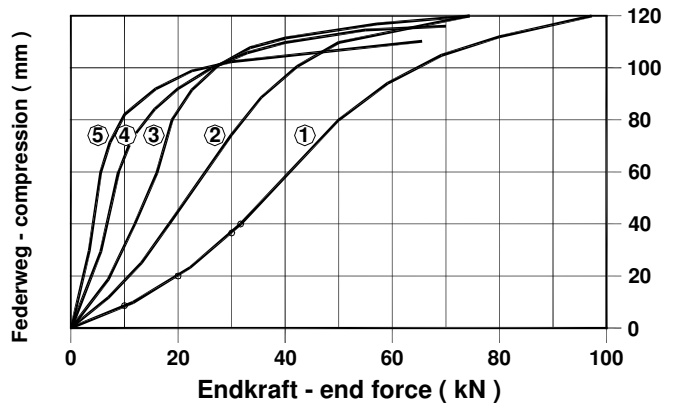
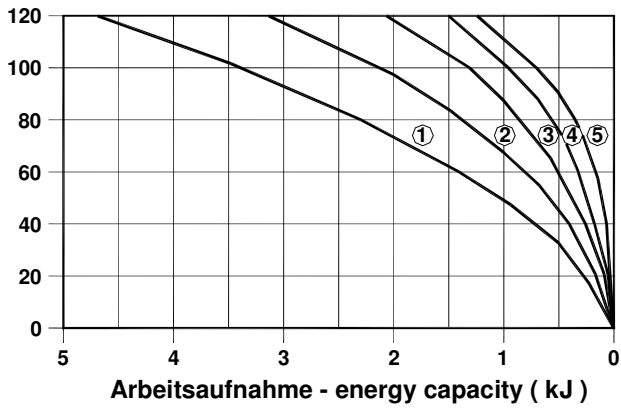
100 x 60



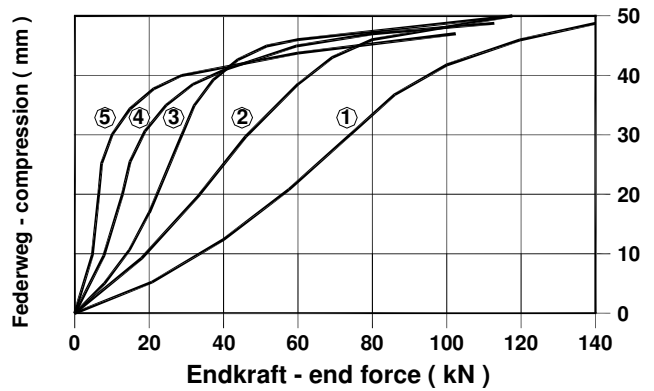
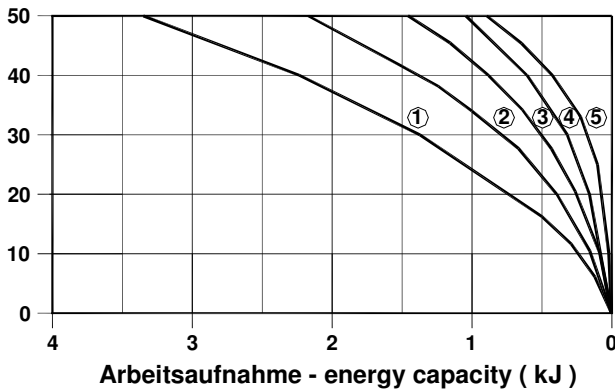
Durel - Zellstoffpuffer / cellular plastic buffer 100 x 110



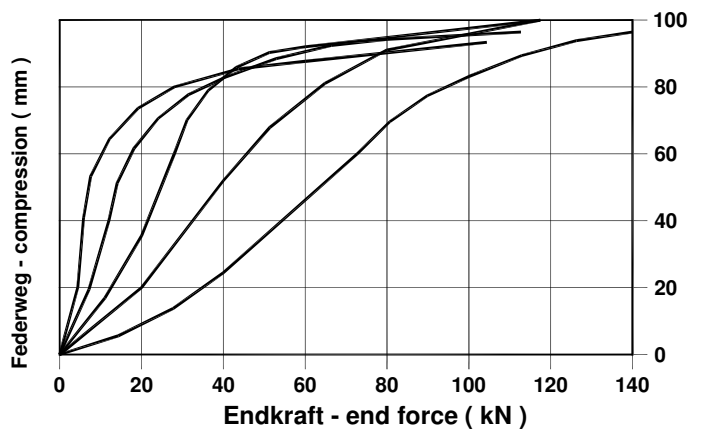
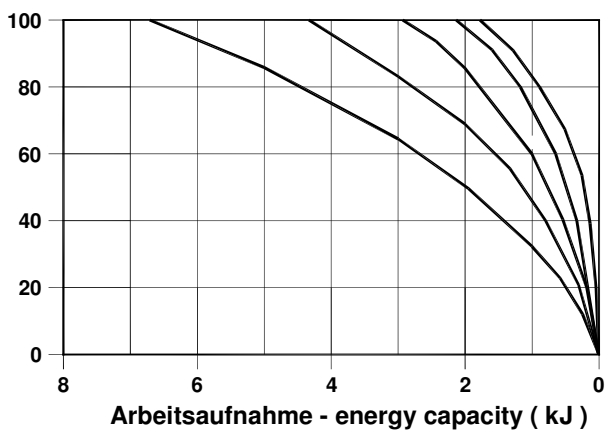
Durel - Zellstoffpuffer / cellular plastic buffer 100 x 160



Durel - Zellstoffpuffer / cellular plastic buffer 125 x 75

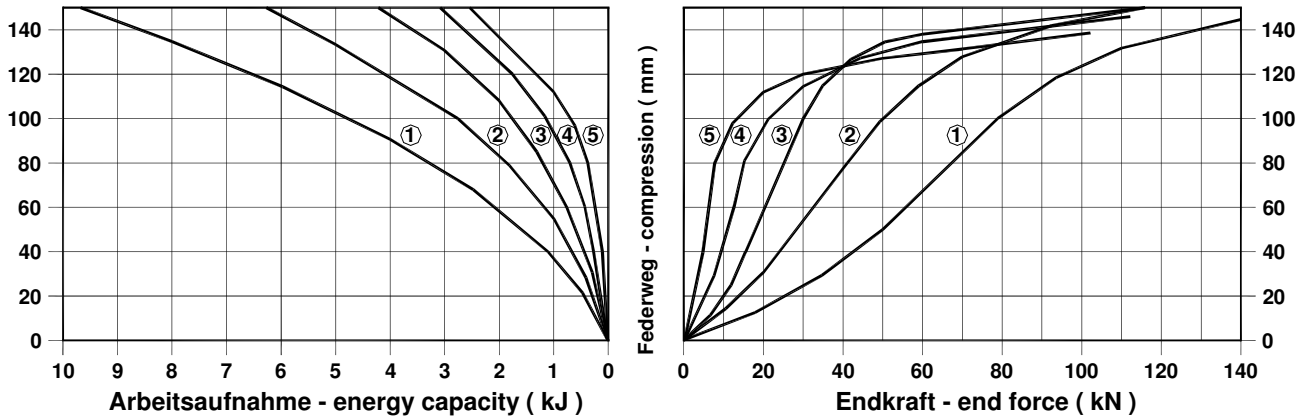


Durel - Zellstoffpuffer / cellular plastic buffer 125 x 137



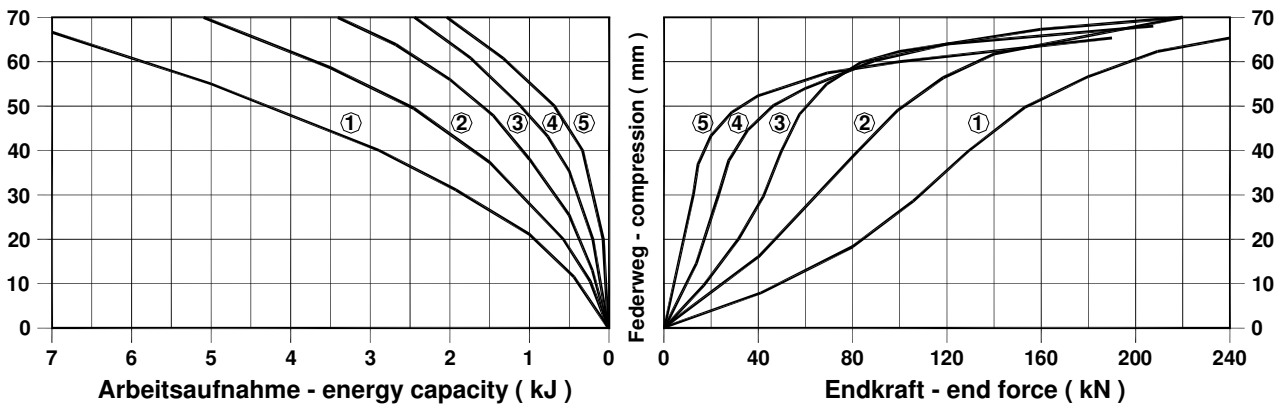
Durel - Zellstoffpuffer / cellular plastic buffer

125 x 202



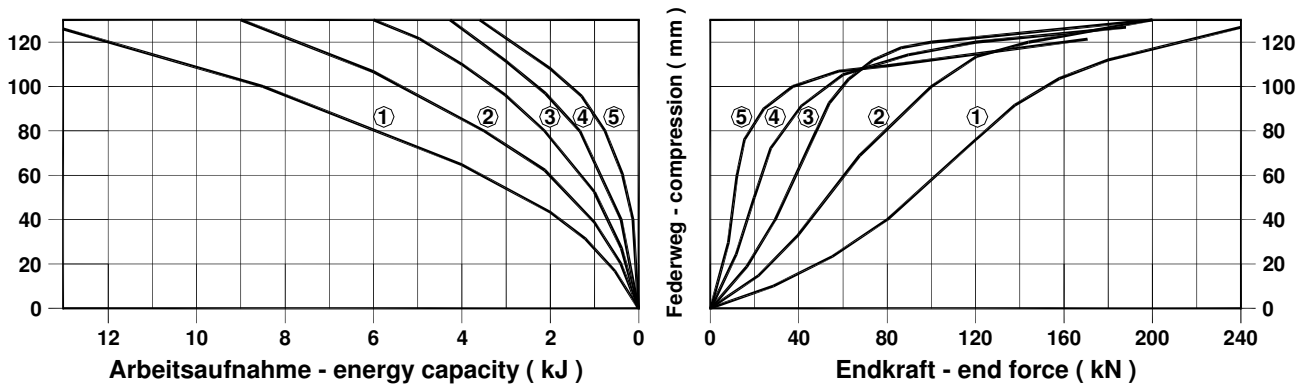
Durel - Zellstoffpuffer / cellular plastic buffer

160 x 92



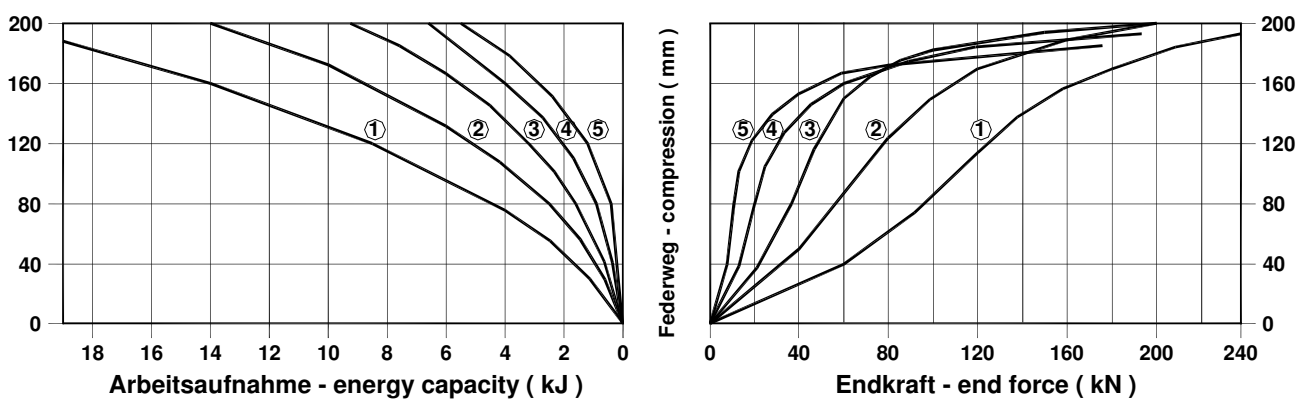
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160 x 172

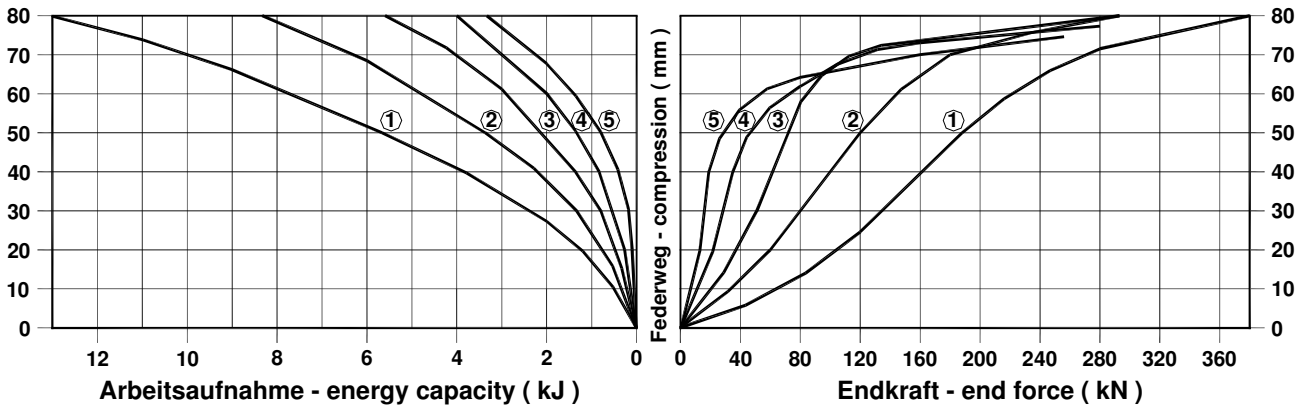


Durel - Zellstoffpuffer / cellular plastic buffer

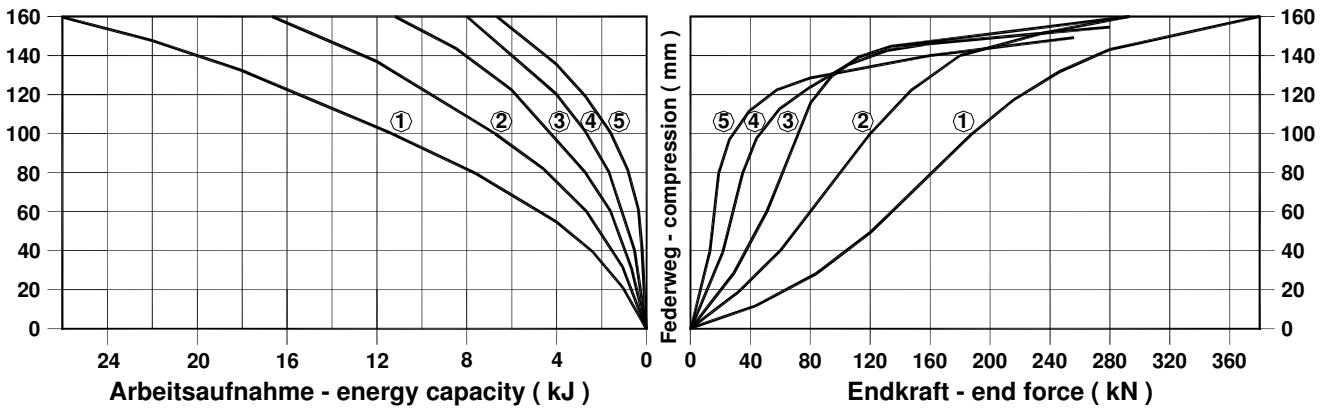
160 x 252



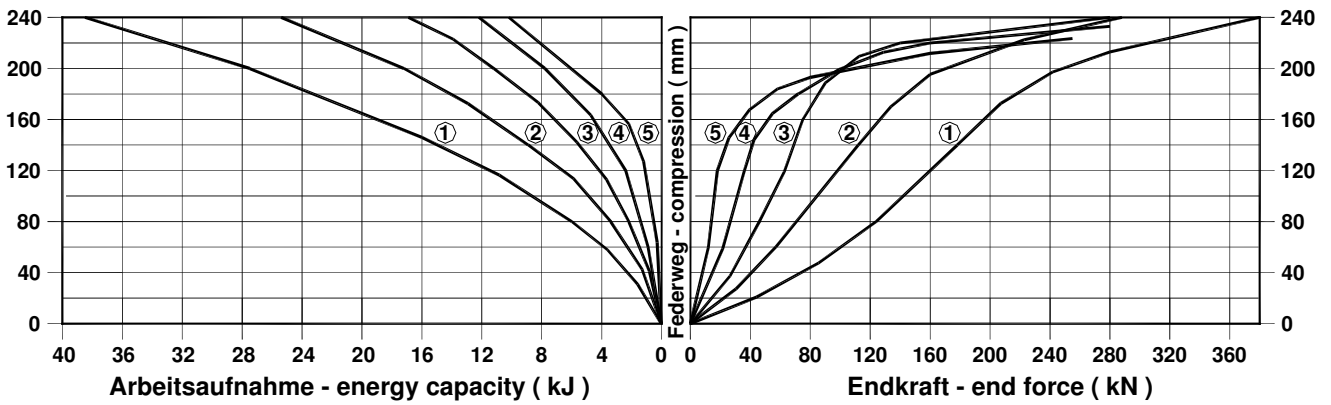
Durel - Zellstoffpuffer / cellular plastic buffer 200 x 114



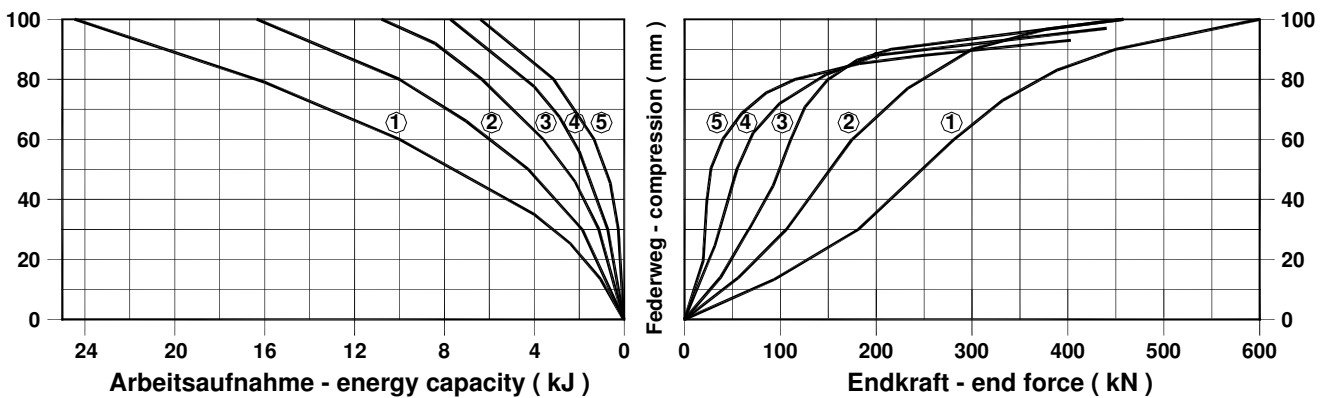
Durel - Zellstoffpuffer / cellular plastic buffer 200 x 214



Durel - Zellstoffpuffer / cellular plastic buffer 200 x 314

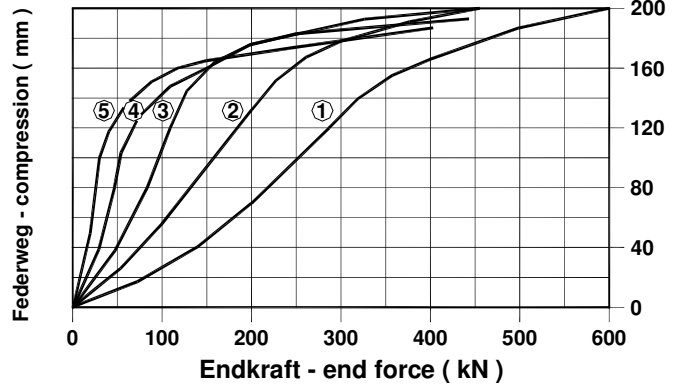
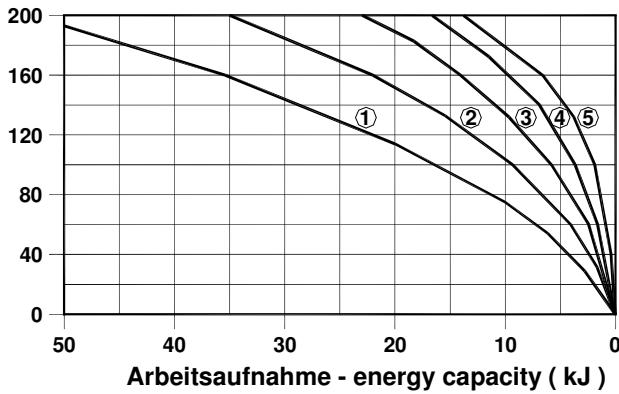


Durel - Zellstoffpuffer / cellular plastic buffer 250 x 140



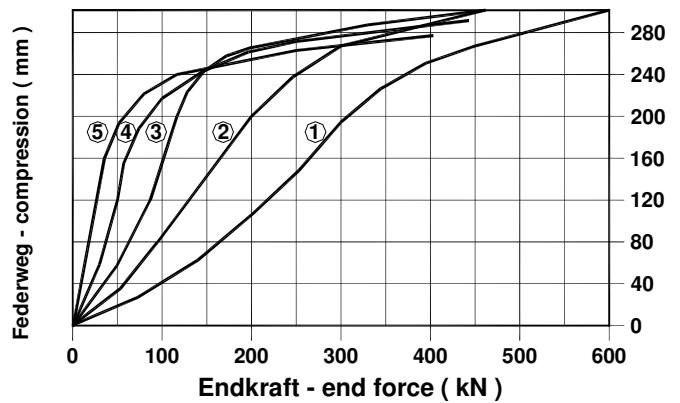
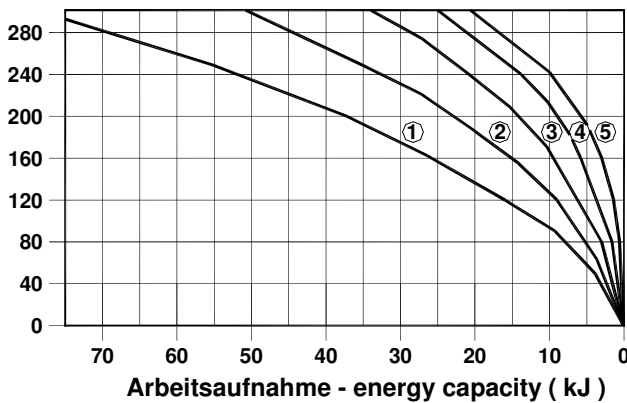
Durel - Zellstoffpuffer / cellular plastic buffer

250 x 265



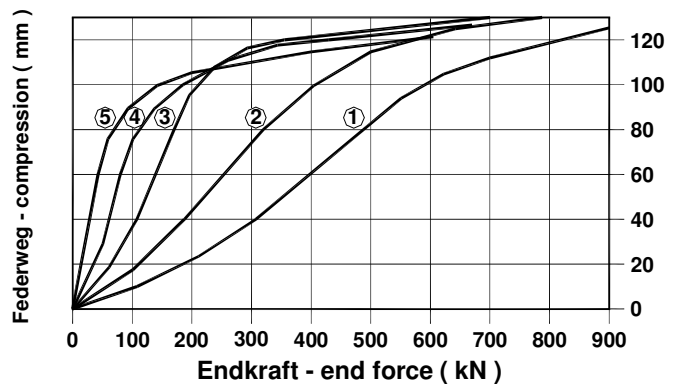
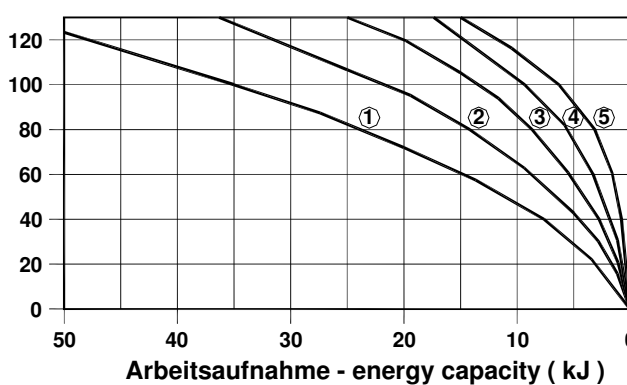
Durel - Zellstoffpuffer / cellular plastic buffer

250 x 390



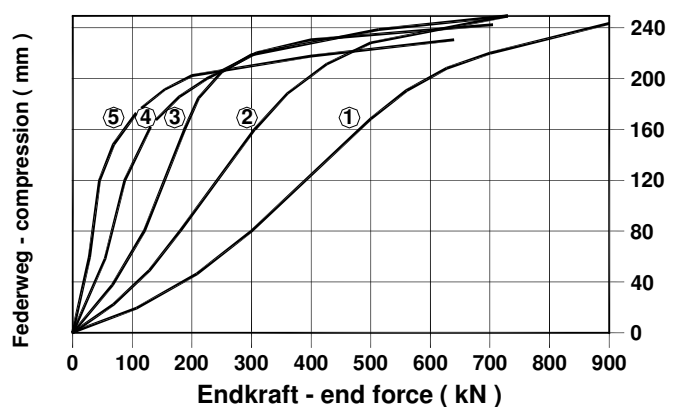
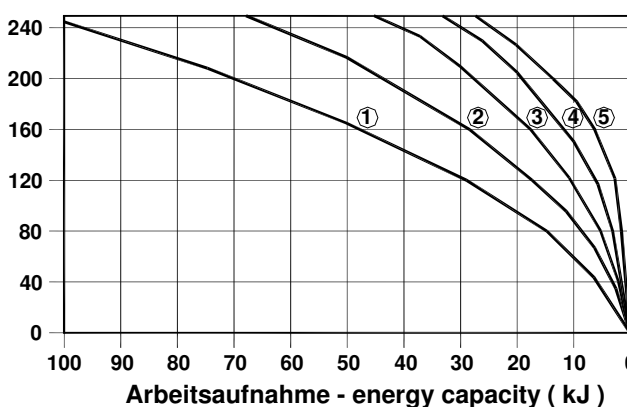
Durel - Zellstoffpuffer / cellular plastic buffer

315 x 175



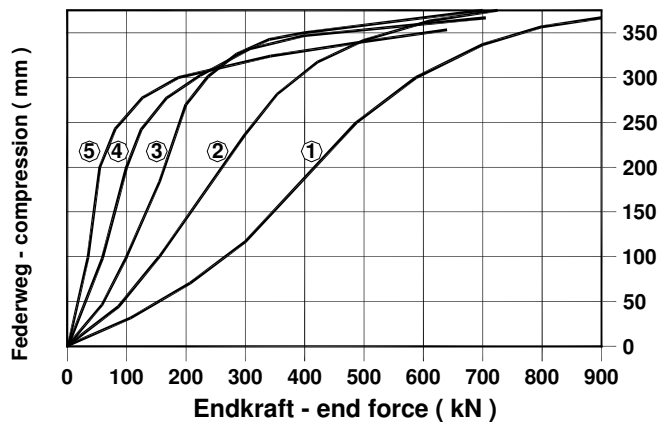
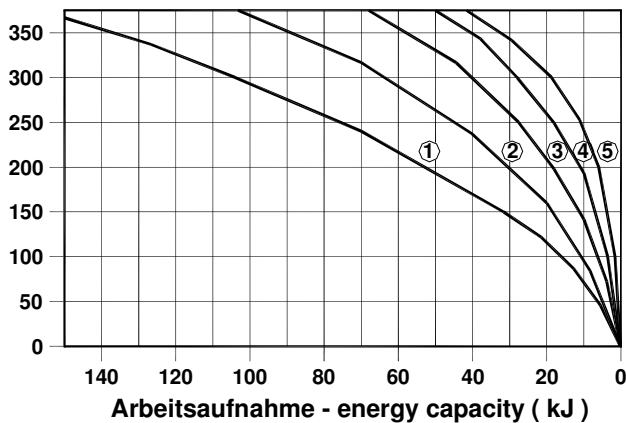
Durel - Zellstoffpuffer / cellular plastic buffer

315 x 330



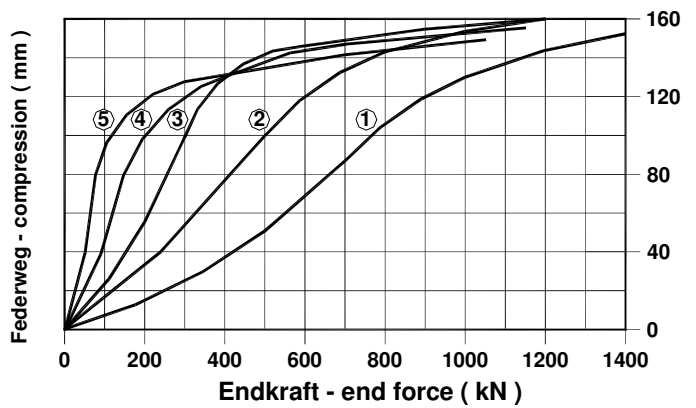
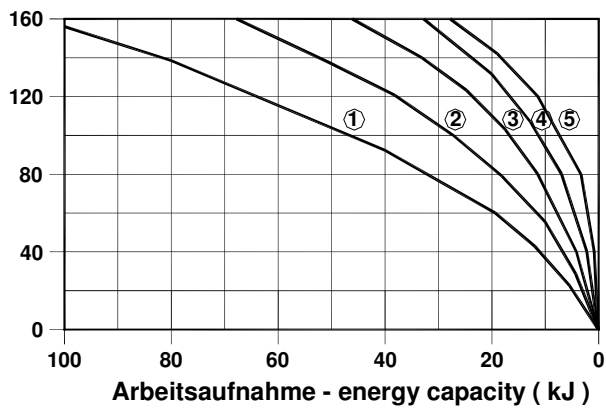
Durel - Zellstoffpuffer / cellular plastic buffer

315 x 490



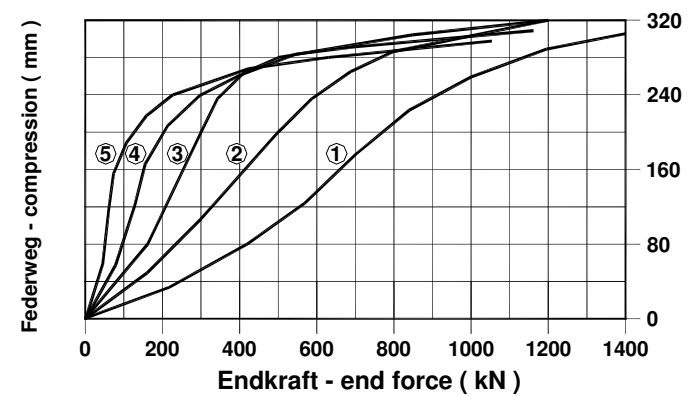
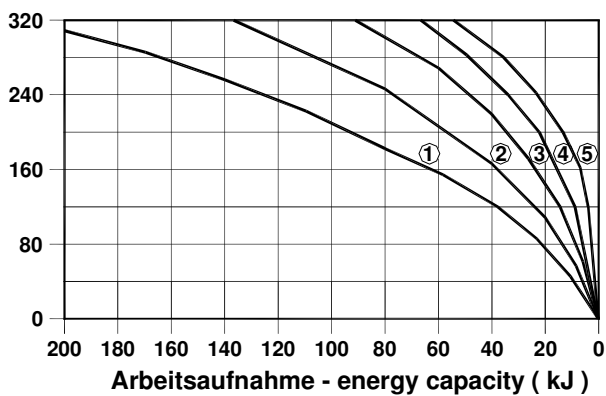
Durel - Zellstoffpuffer / cellular plastic buffer

400 x 220



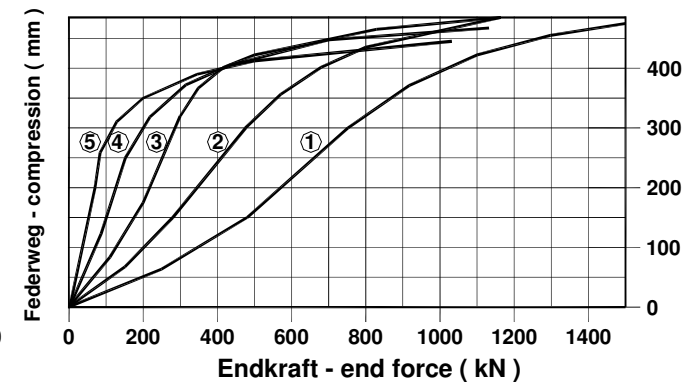
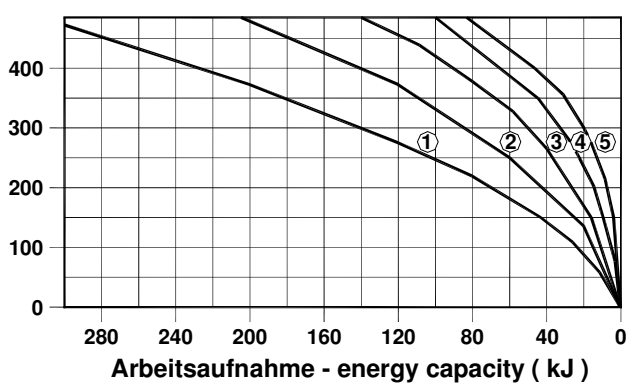
Durel - Zellstoffpuffer / cellular plastic buffer

400 x 420



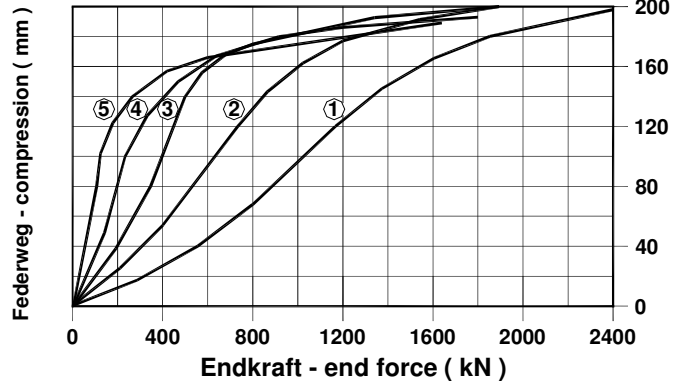
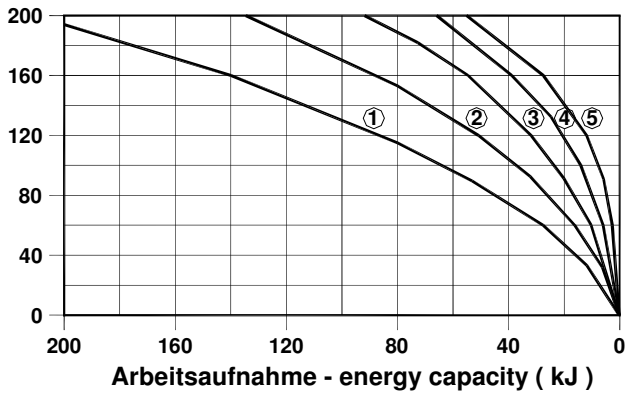
Durel - Zellstoffpuffer / cellular plastic buffer

400 x 620



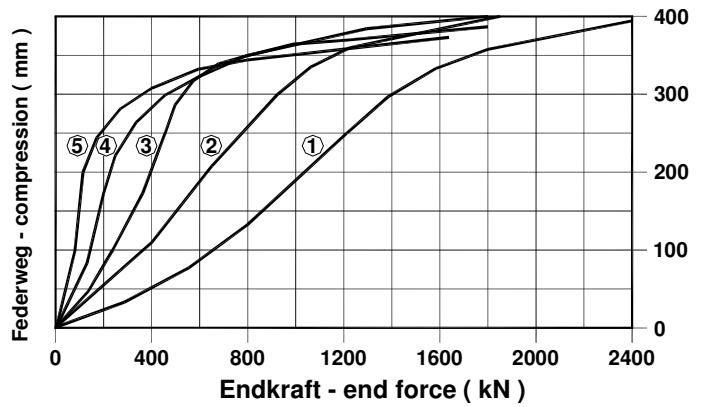
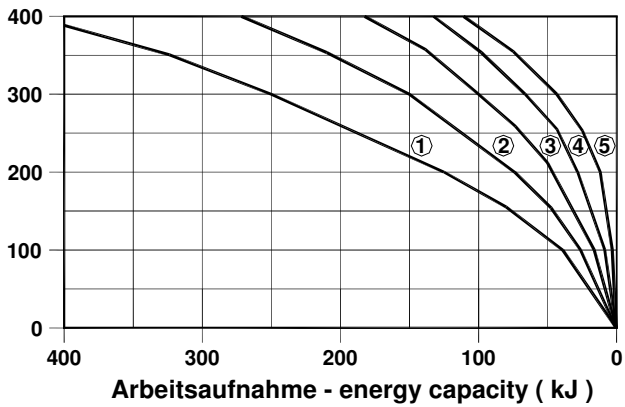
Durel - Zellstoffpuffer / cellular plastic buffer

500 x 270



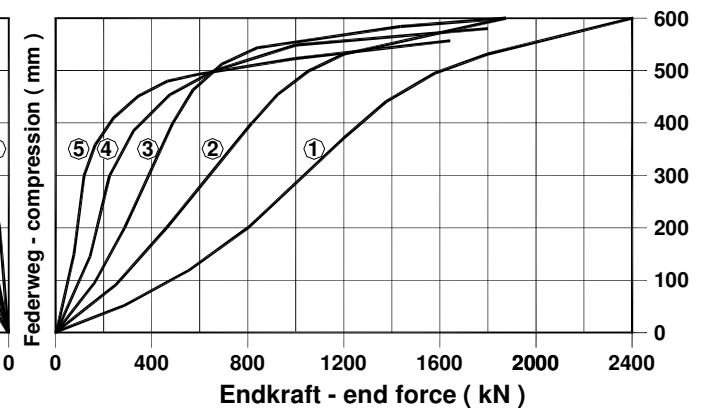
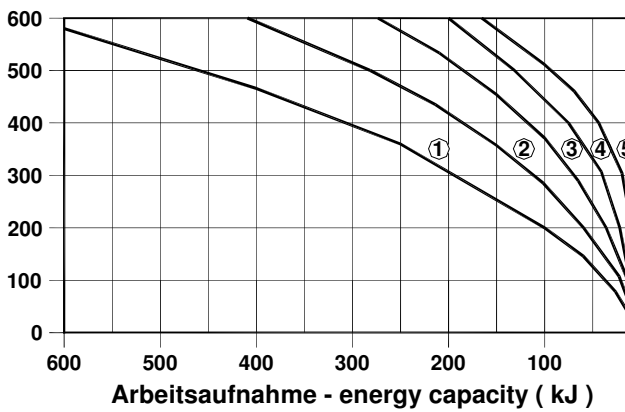
Durel - Zellstoffpuffer / cellular plastic buffer

500 x 520



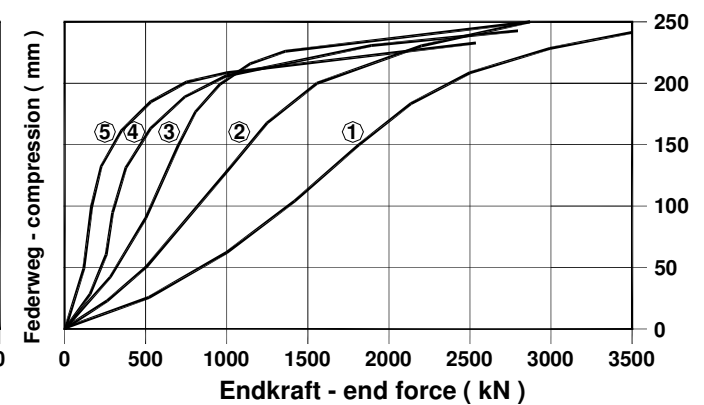
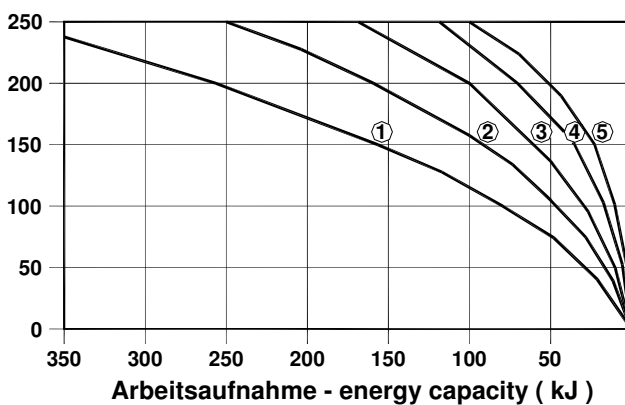
Durel - Zellstoffpuffer / cellular plastic buffer

500 x 770



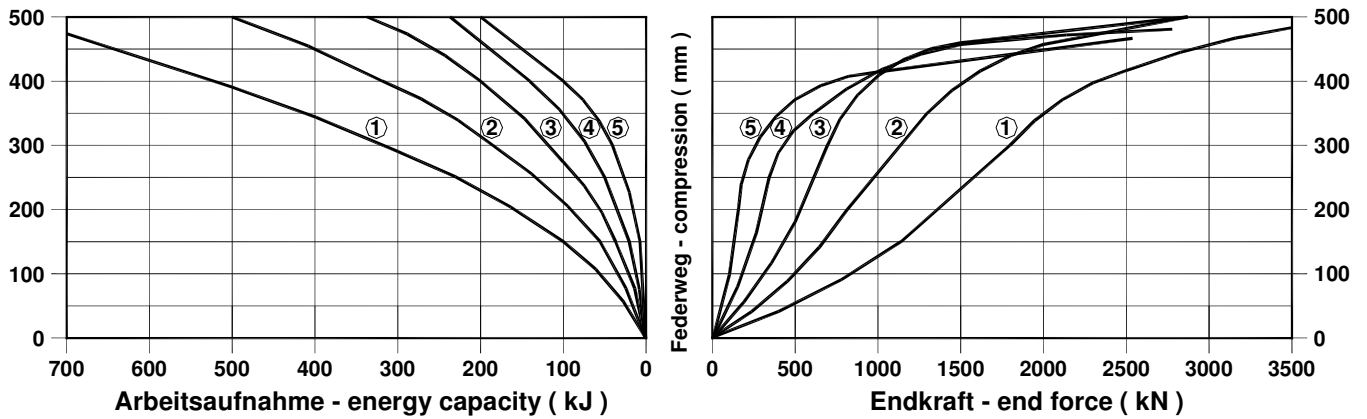
Durel - Zellstoffpuffer / cellular plastic buffer

600 x 320



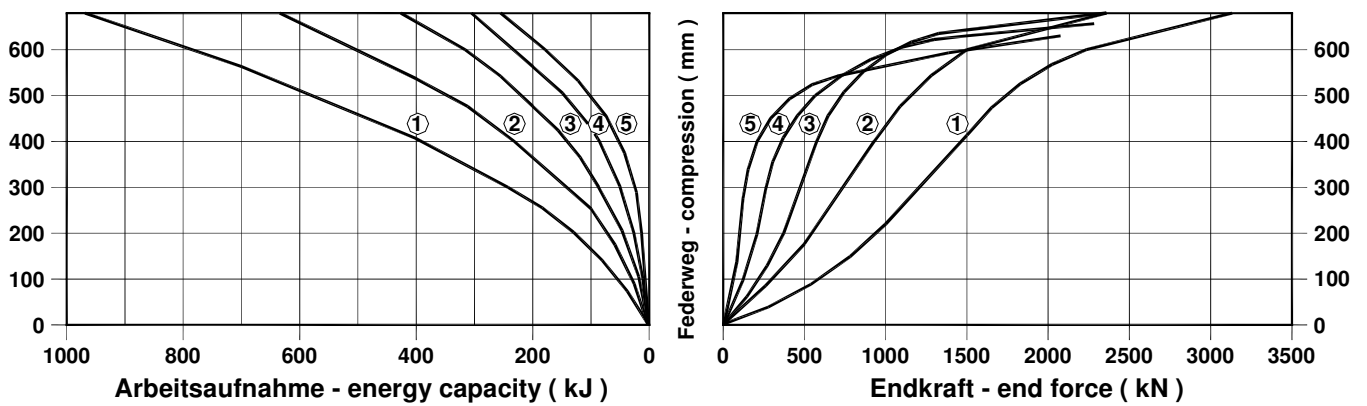
Durel - Zellstoffpuffer / cellular plastic buffer

600 x 620



Durel - Zellstoffpuffer / cellular plastic buffer

600 x 920



Aufprallgeschwindigkeiten

- ① v = 4 m/s
- ② v = 3 m/s
- ③ v = 2 m/s
- ④ v = 1 m/s
- ⑤ statisch