



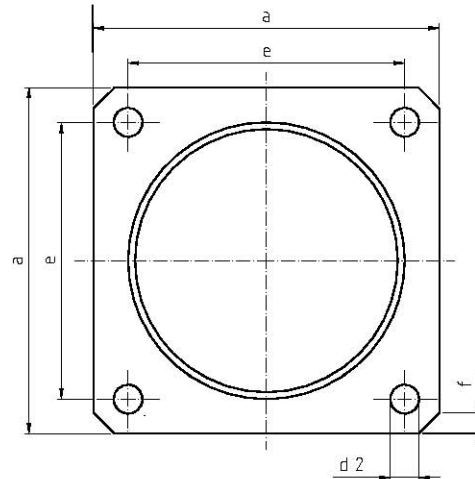
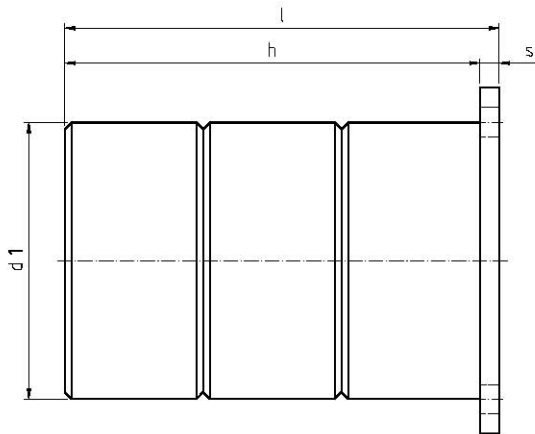
Durel - Zellstoffpuffer

Durel - Cellular plastic buffers

mit Grundplatte - with base plate

NO 16941

Seite / page 1



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 $d_1 = 400$, $h = 600$:
Durel - Zellstoffpuffer 400 x 600/620 NO 16941

Designation of a cellular plastic buffer $d_1 = 400$, $h = 600$:
Durel - Cellular plastic buffer 400 x 600/620 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 | h | l | PG bg 1 zylindrisch / cylindrical 2 konisch / conical (d_1 / . 10%) | s | | | | |
| 80 | 110 | 80 | 10 | 12,5 | 40 | 50 | 1 | 10 | - | 0,8 | 30 | 50 | 0,4 |
| | | | | | 80 | 90 | 2 | | | 1,5 | 60 | | 1,16 |
| | | | | | 120 | 130 | 1 | | | 2,3 | 90 | | 1,23 |
| 100 | 125 | 100 | 10 | 12,5 | 50 | 60 | 1 | 10 | - | 1,5 | 38 | 80 | 0,6 |
| | | | | | 100 | 110 | 2 | | | 3 | 75 | | 1,66 |
| | | | | | 150 | 160 | 1 | | | 4,4 | 113 | | 1,86 |
| 125 | 160 | 125 | 15 | 17 | 63 | 75 | 1 | 12 | - | 2,9 | 47 | 125 | 1,2 |
| | | | | | 125 | 137 | 2 | | | 5,7 | 94 | | 3,07 |
| | | | | | 190 | 202 | 1 | | | 8,6 | 143 | | 3,49 |
| 160 | 200 | 160 | 15 | 17 | 80 | 92 | 1 | 12 | - | 6 | 60 | 200 | 2,2 |
| | | | | | 160 | 172 | 2 | | | 12 | 120 | | 5,54 |
| | | | | | 240 | 252 | 2 | | | 18 | 180 | | 6,33 |
| 200 | 250 | 200 | 15 | 21 | 100 | 114 | 1 | 14 | 6 | 12 | 75 | 310 | 4 |
| | | | | | 200 | 214 | 2 | | | 24 | 150 | | 10,89 |
| | | | | | 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 | | 19,29 |
| | | | | | 375 | 390 | 1 | | | 69 | 280 | | 20,32 |
| 315 | 400 | 315 | 40 | 21 | 160 | 175 | 1 | 15 | 6 | 47 | 120 | 780 | 26 |
| | | | | | 315 | 330 | 1 | | | 93 | 236 | | 27,4 |
| | | | | | 475 | 490 | 1 | | | 140 | 356 | | 33,8 |
| 400 | 500 | 400 | 50 | 25 | 200 | 220 | 1 | 20 | 8 | 94 | 150 | 1250 | 51 |
| | | | | | 400 | 420 | 1 | | | 188 | 300 | | 62,2 |
| | | | | | 600 | 620 | 1 | | | 282 | 450 | | 74,1 |
| 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 \geq size 200

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

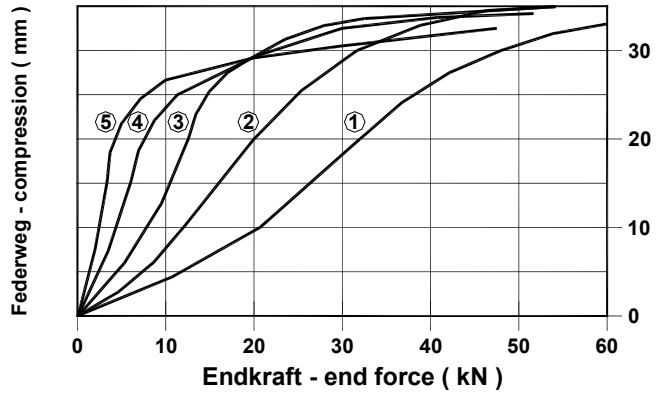
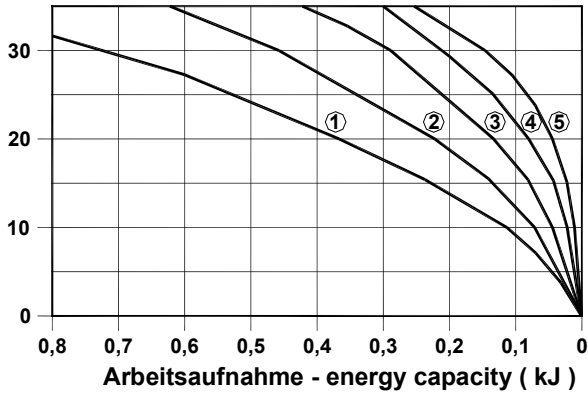
These buffers are not usable as springs.
Diagrams of selection see pages 2 - 9.

When impacting buffer against buffer h max. = d_1

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

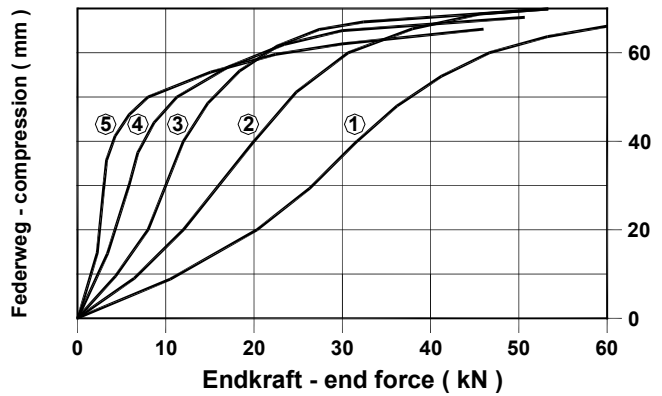
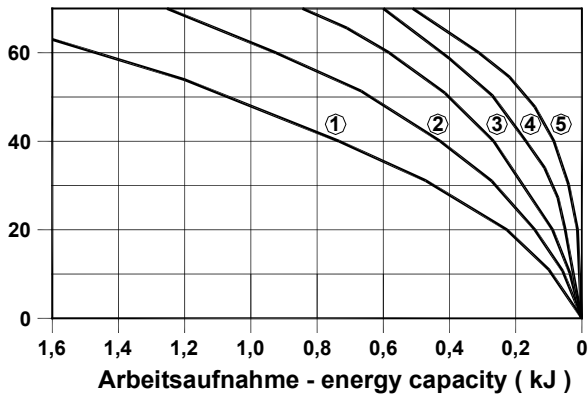
Durel - Zellstoffpuffer / cellular plastic buffer

80 x 50



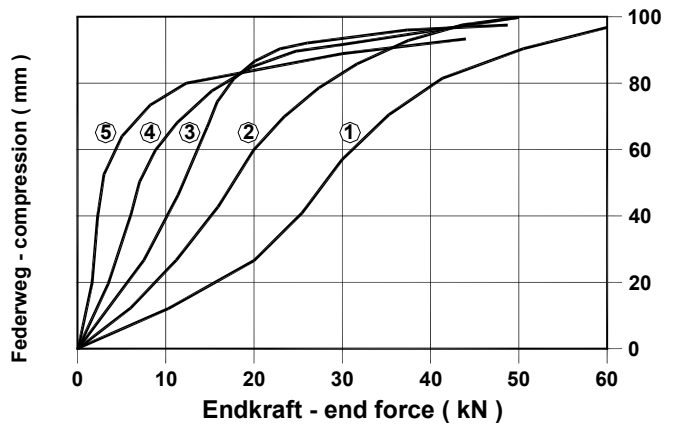
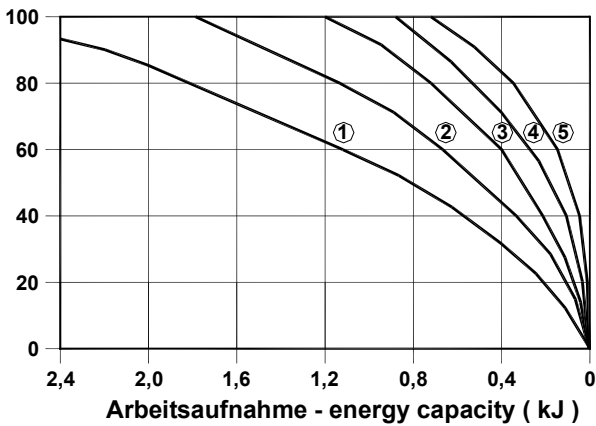
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80 x 90



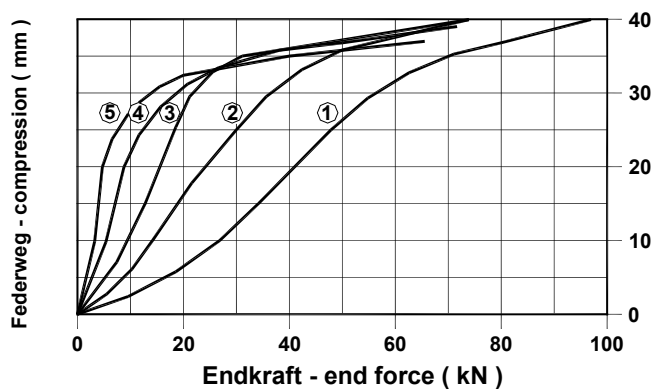
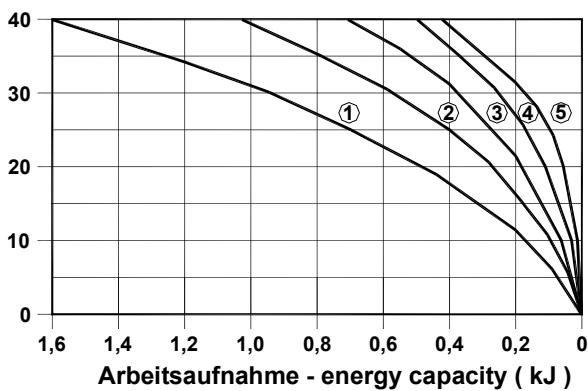
Durel - Zellstoffpuffer / cellular plastic buffer

80 x 130

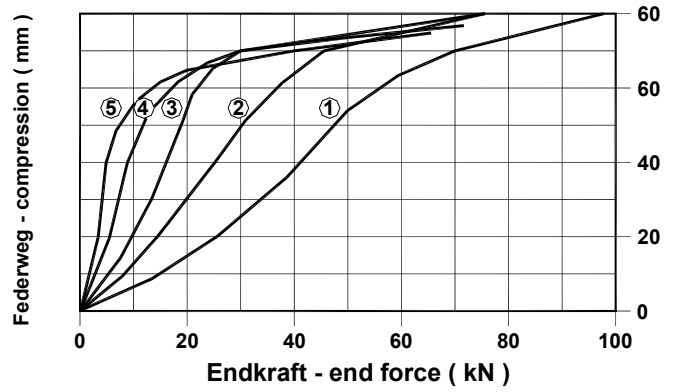
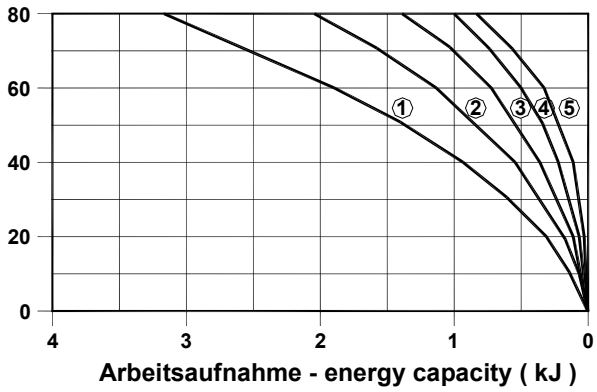


Durel - Zellstoffpuffer / cellular plastic buffer

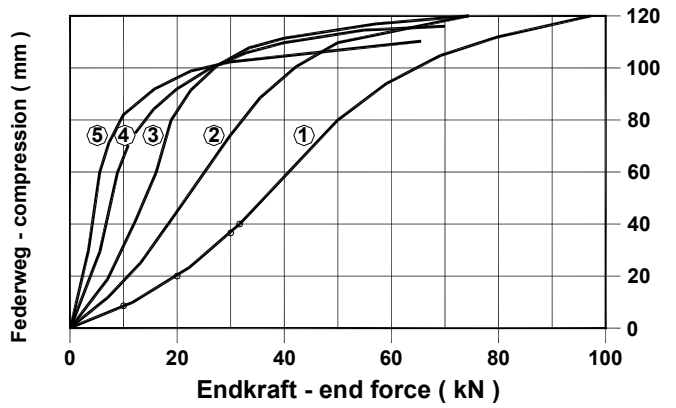
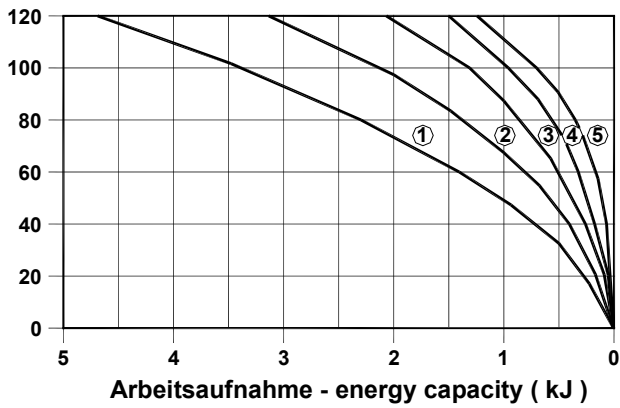
100 x 60



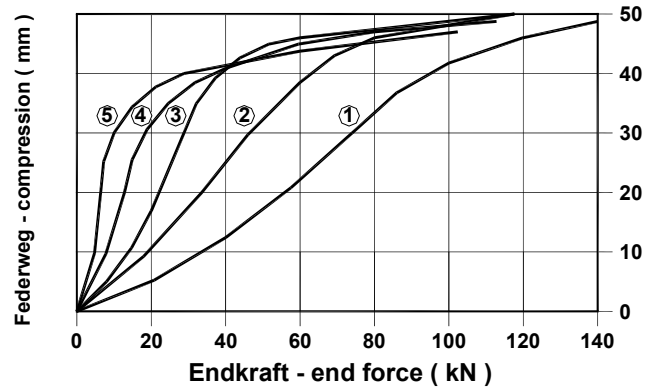
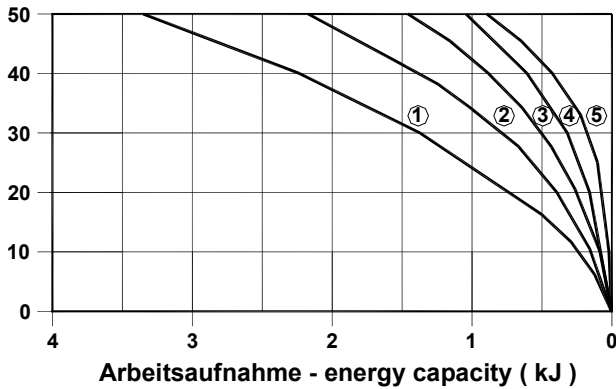
Durel - Zellstoffpuffer / cellular plastic buffer 100 x 110



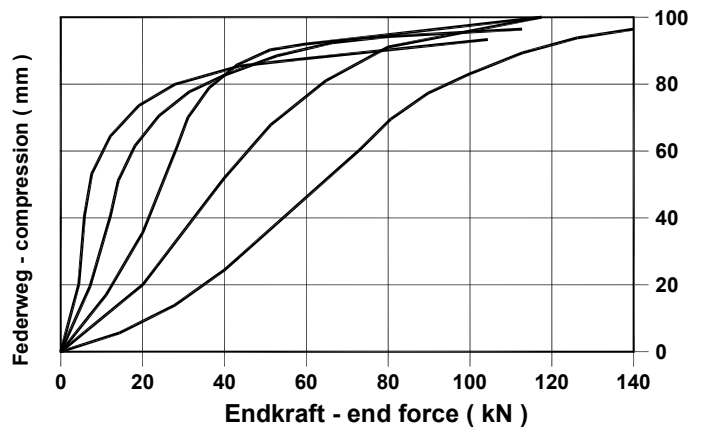
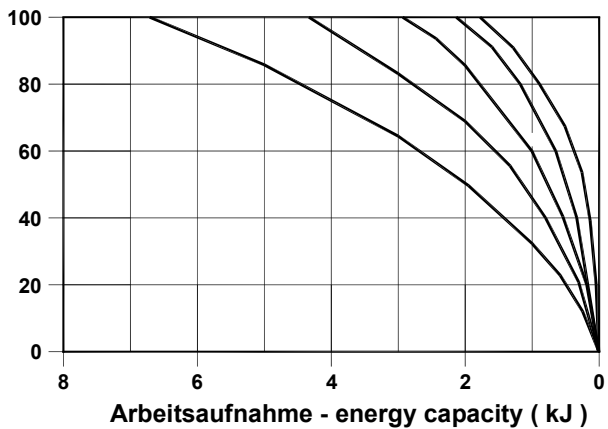
Durel - Zellstoffpuffer / cellular plastic buffer 100 x 160



Durel - Zellstoffpuffer / cellular plastic buffer 125 x 75

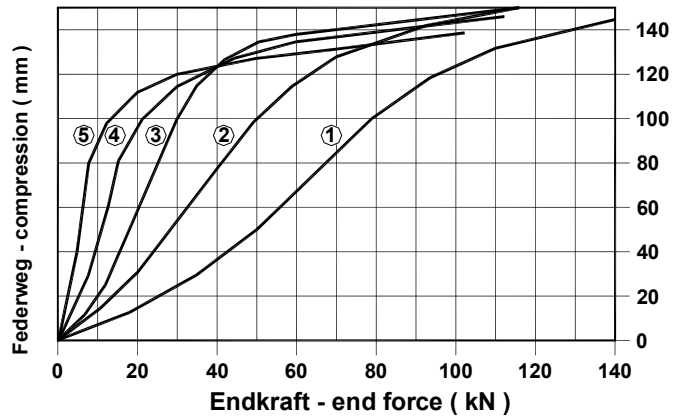
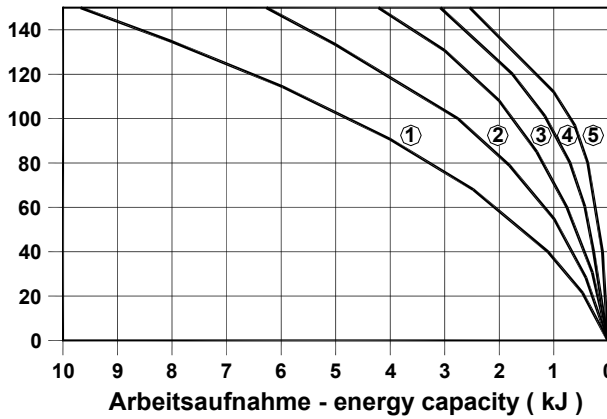


Durel - Zellstoffpuffer / cellular plastic buffer 125 x 137



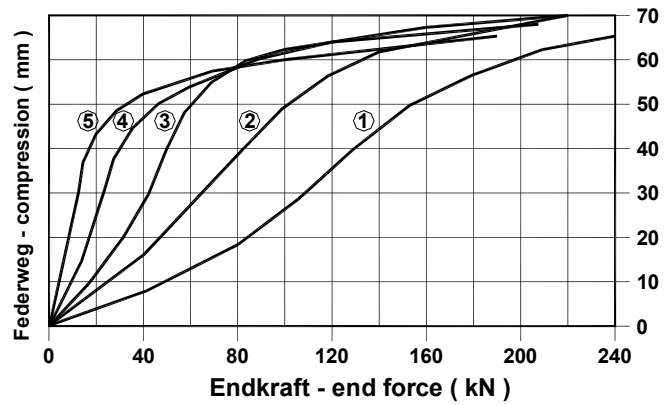
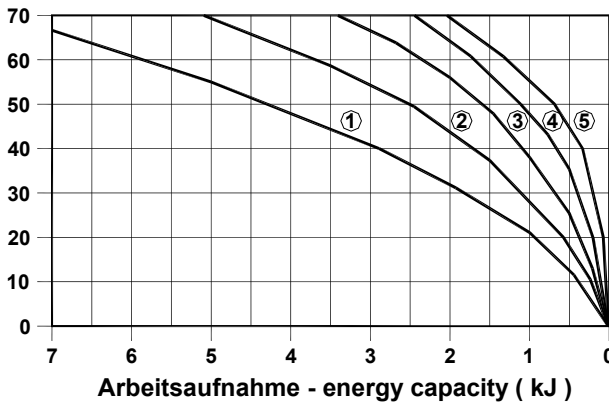
Durel - Zellstoffpuffer / cellular plastic buffer

125 x 202



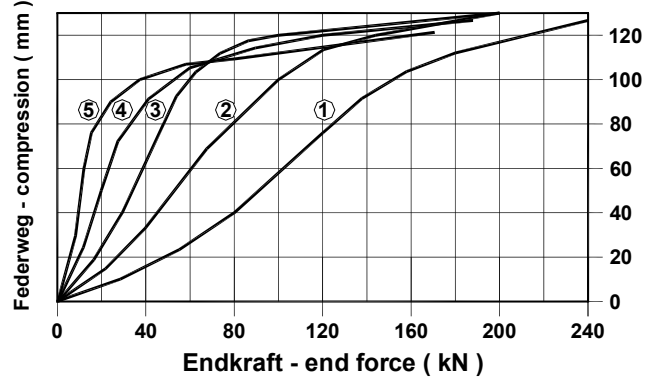
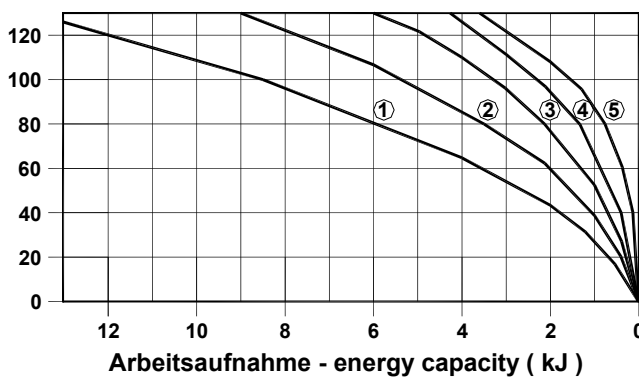
Durel - Zellstoffpuffer / cellular plastic buffer

160 x 92



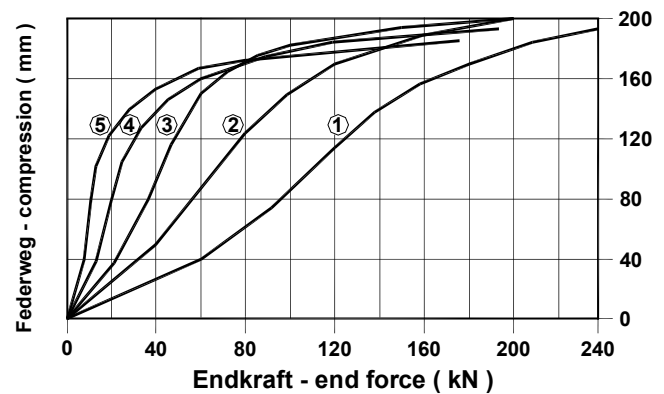
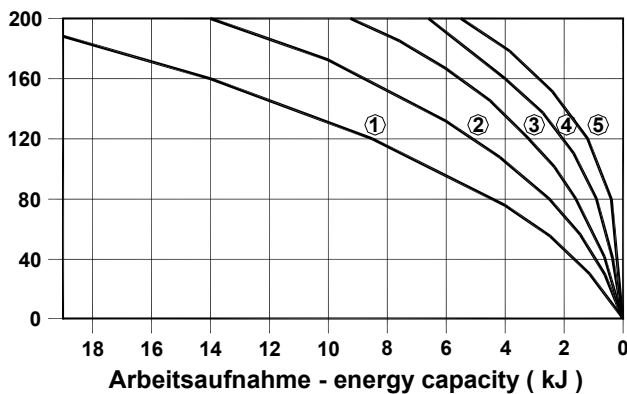
Durel - Zellstoffpuffer / cellular plastic buffer

160 x 172

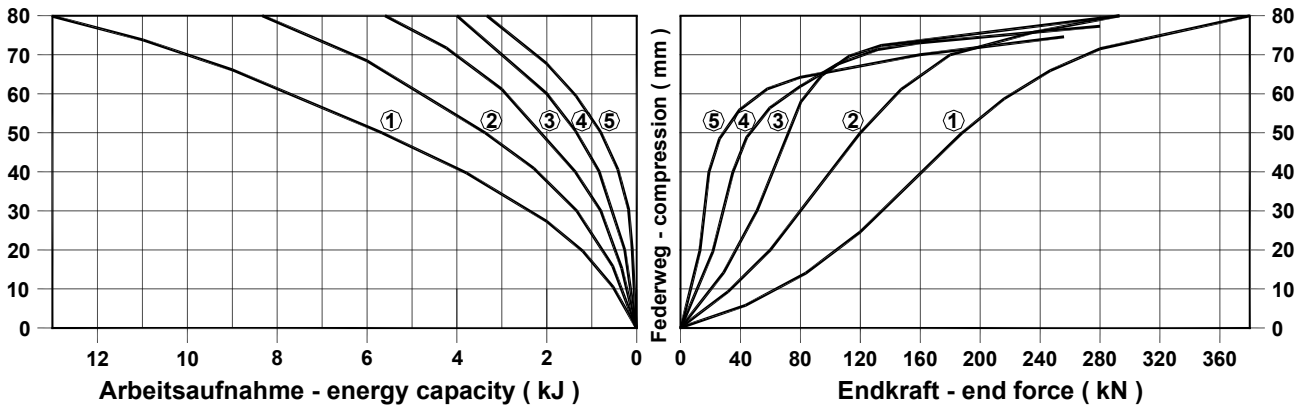


Durel - Zellstoffpuffer / cellular plastic buffer

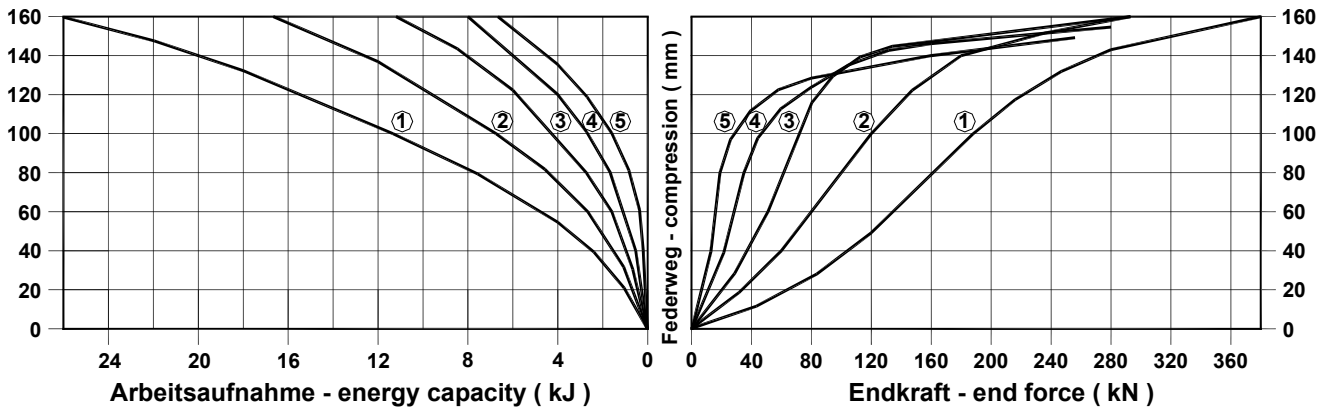
160 x 252



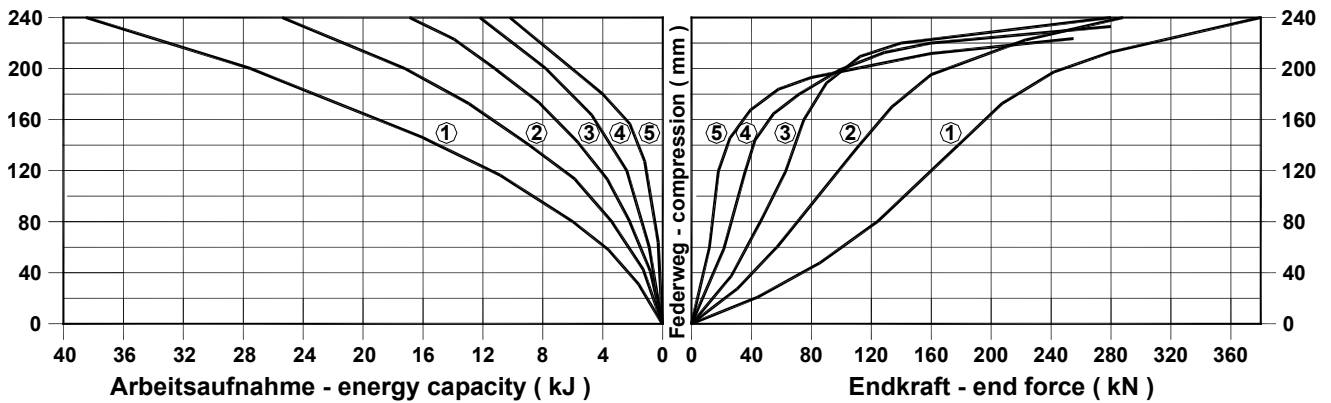
Durel - Zellstoffpuffer / cellular plastic buffer 200 x 114



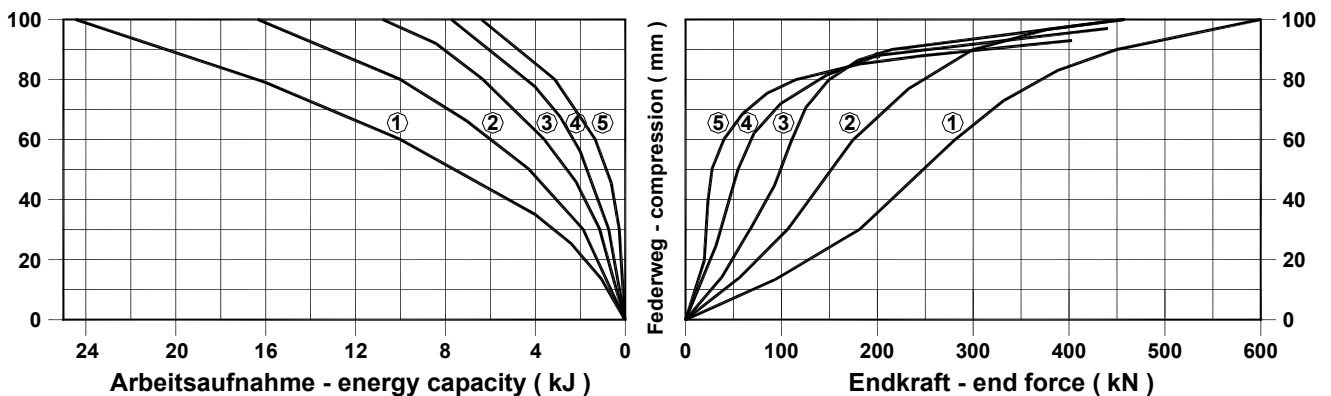
Durel - Zellstoffpuffer / cellular plastic buffer 200 x 214



Durel - Zellstoffpuffer / cellular plastic buffer 200 x 314

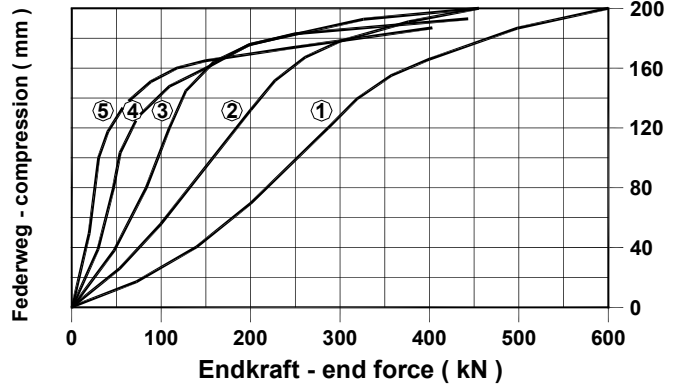
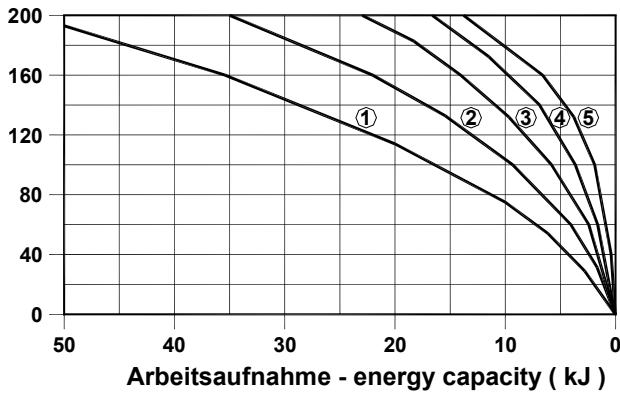


Durel - Zellstoffpuffer / cellular plastic buffer 250 x 140



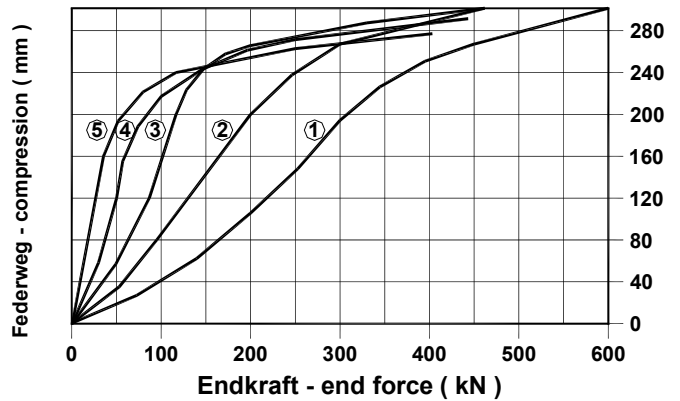
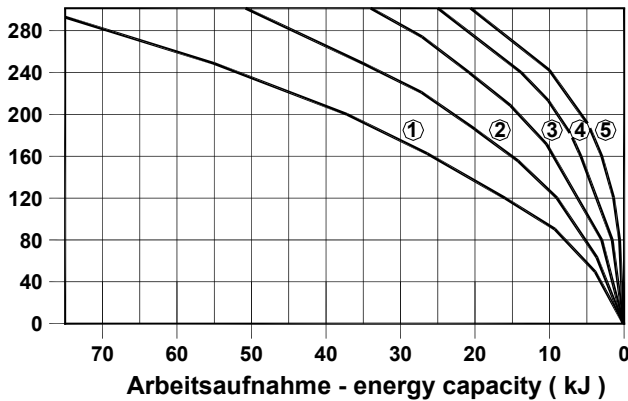
Durel - Zellstoffpuffer / cellular plastic buffer

250 x 265



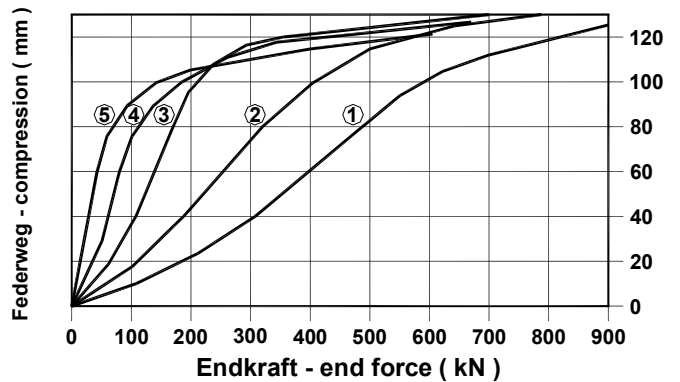
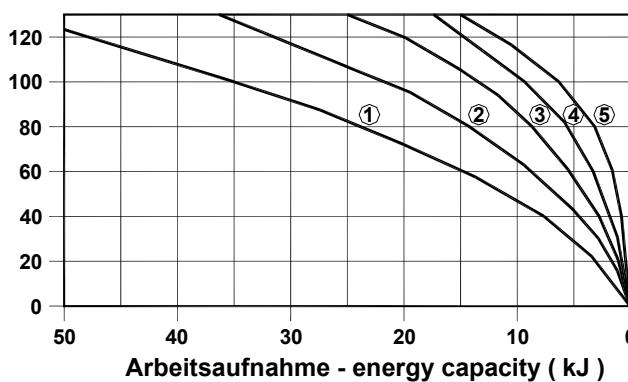
Durel - Zellstoffpuffer / cellular plastic buffer

250 x 390



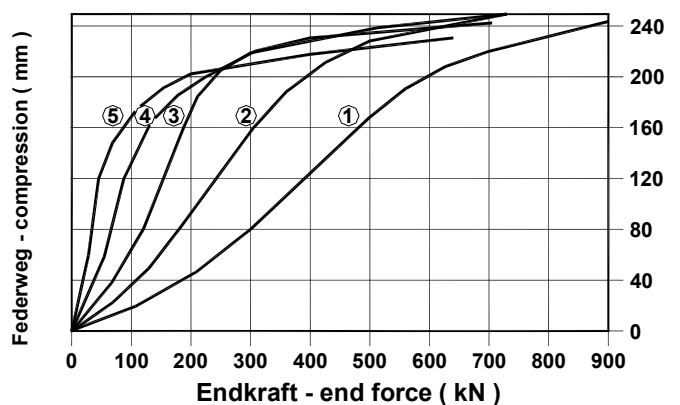
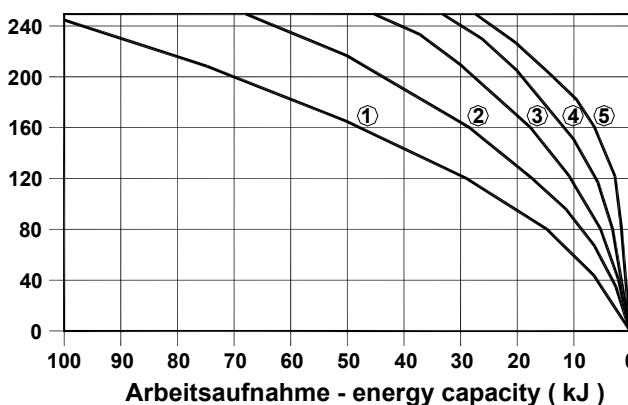
Durel - Zellstoffpuffer / cellular plastic buffer

315 x 175



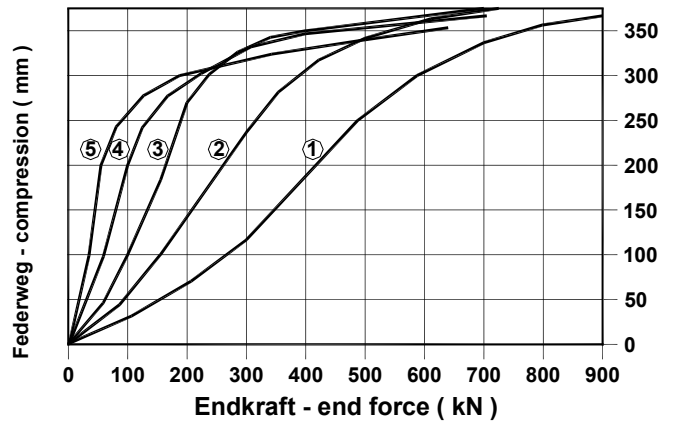
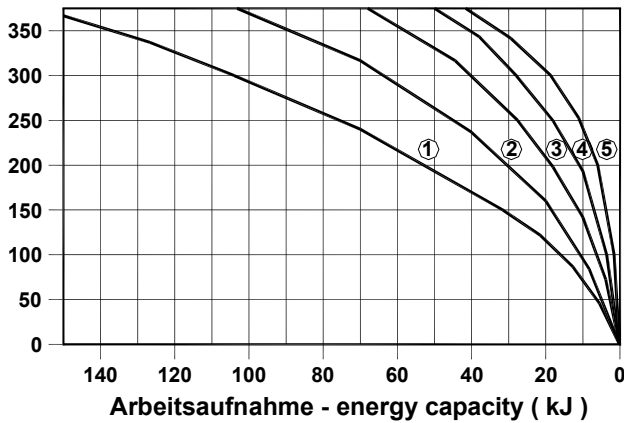
Durel - Zellstoffpuffer / cellular plastic buffer

315 x 330



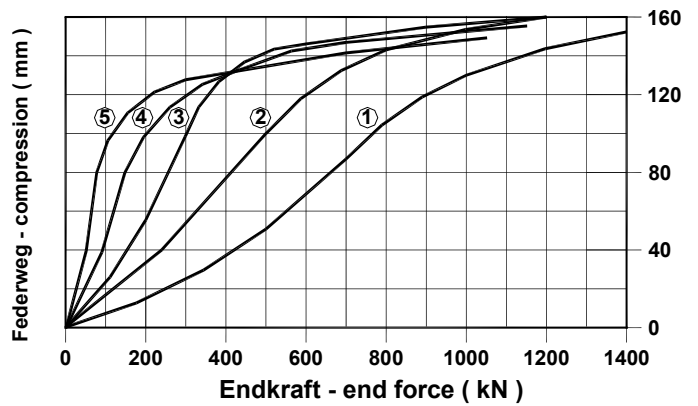
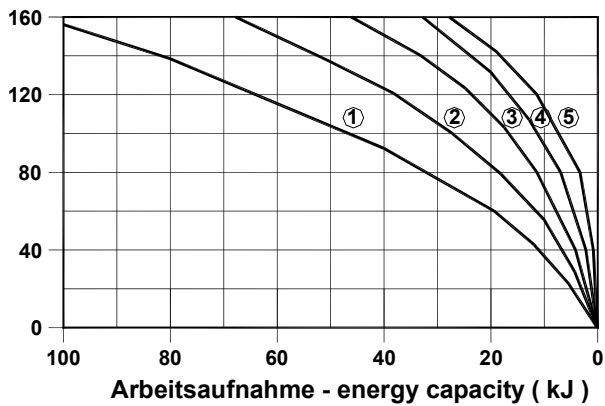
Durel - Zellstoffpuffer / cellular plastic buffer

315 x 490



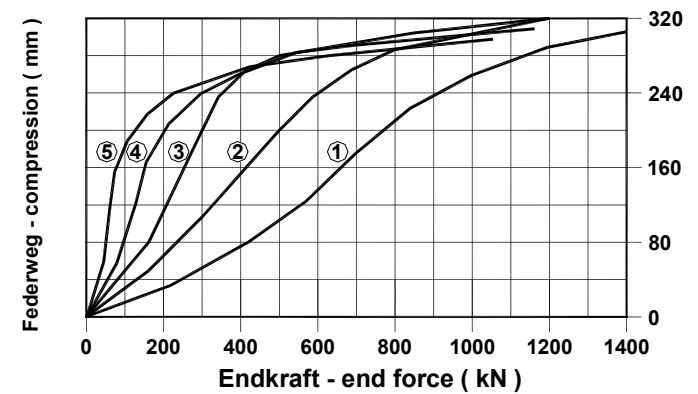
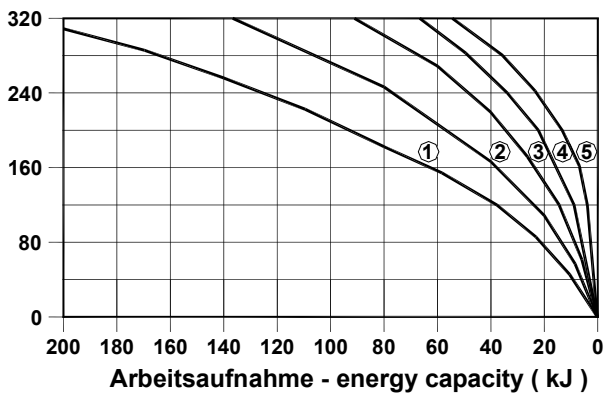
Durel - Zellstoffpuffer / cellular plastic buffer

400 x 220



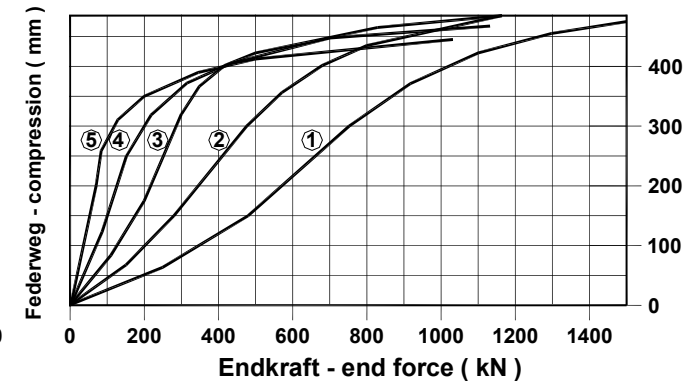
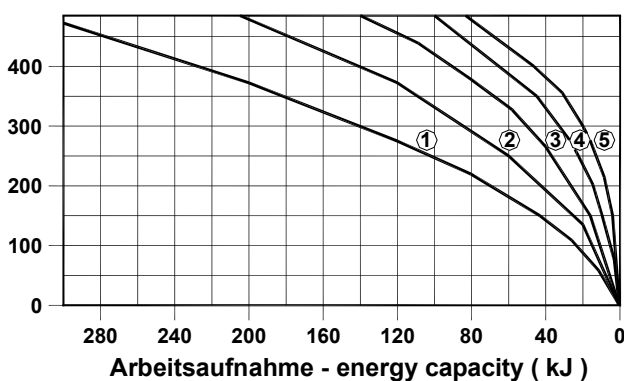
Durel - Zellstoffpuffer / cellular plastic buffer

400 x 420

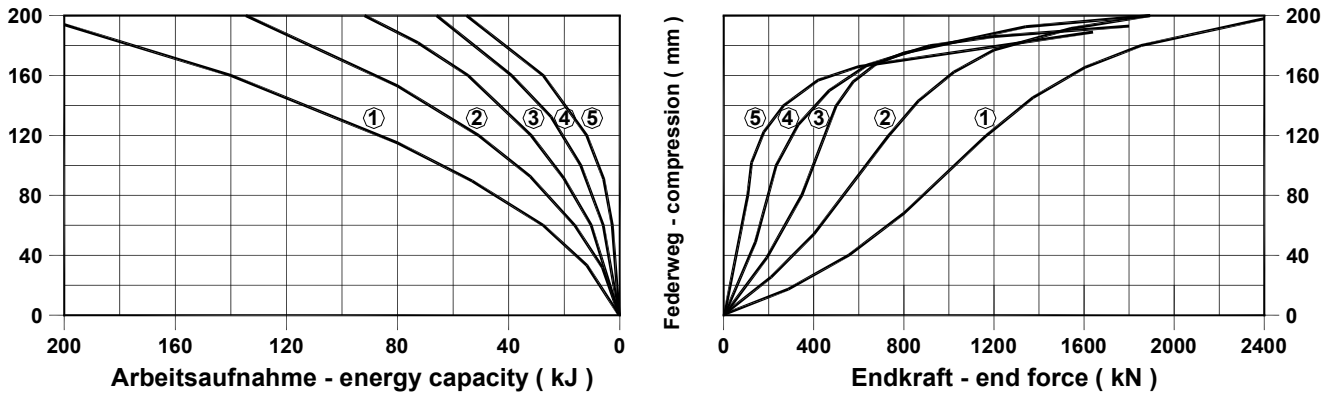


Durel - Zellstoffpuffer / cellular plastic buffer

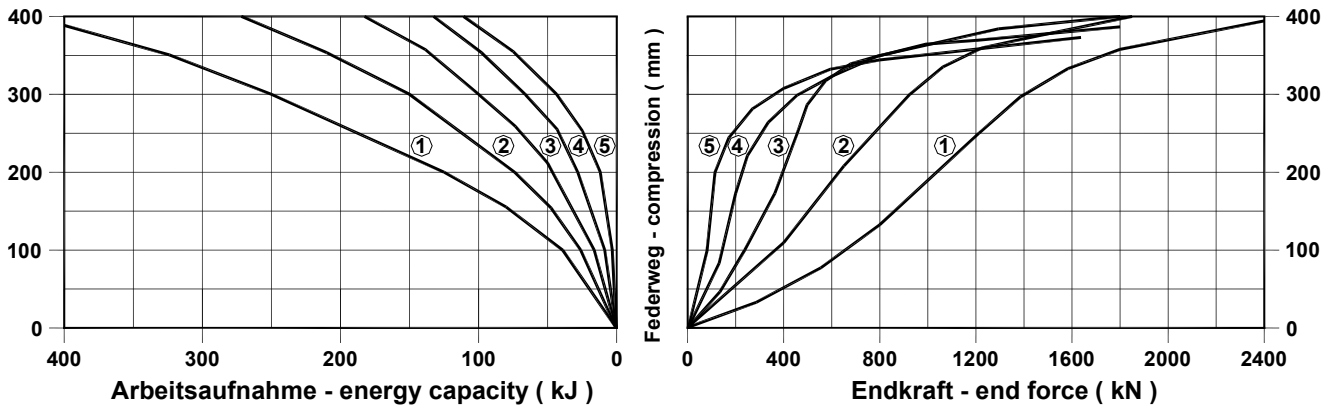
400 x 620



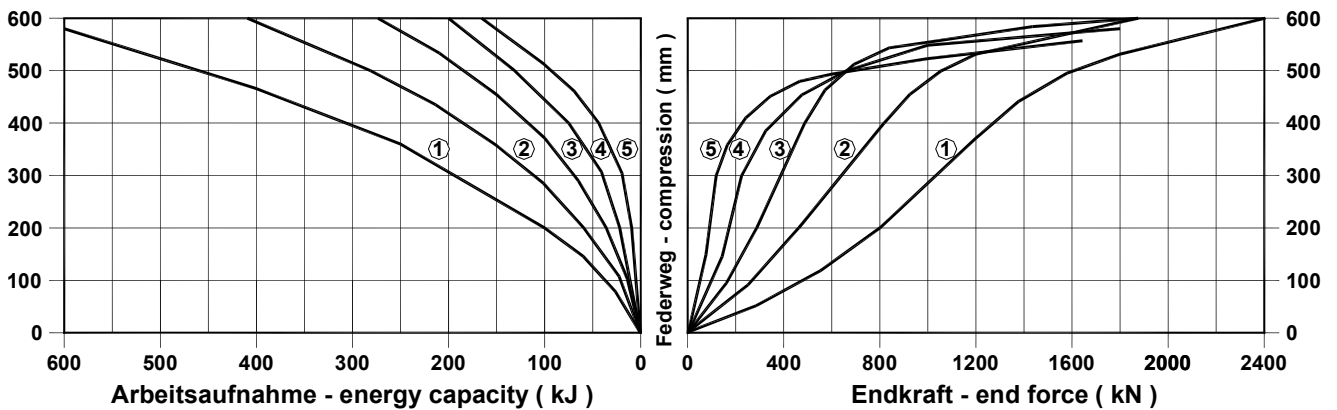
Durel - Zellstoffpuffer / cellular plastic buffer 500 x 270



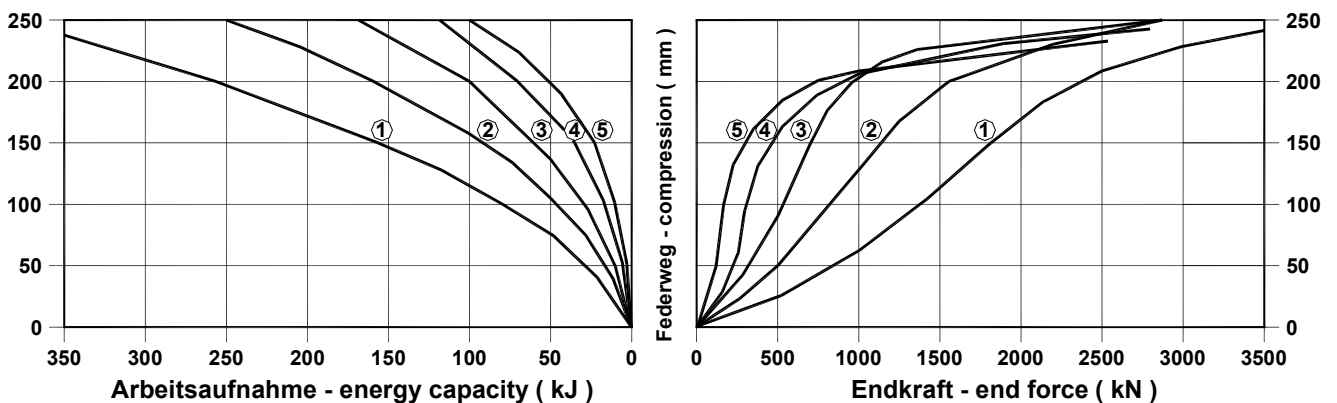
Durel - Zellstoffpuffer / cellular plastic buffer 500 x 520



Durel - Zellstoffpuffer / cellular plastic buffer 500 x 770

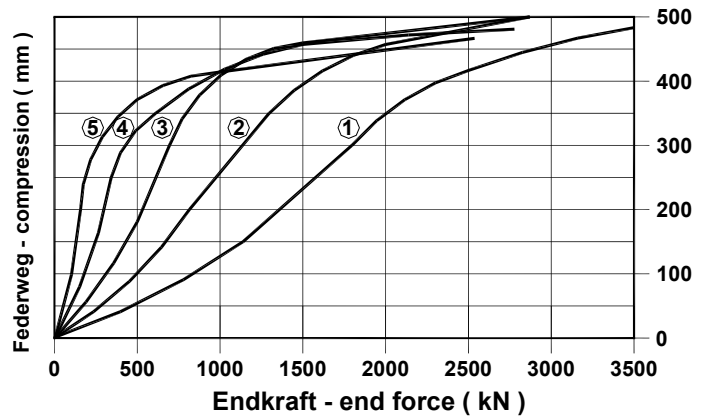
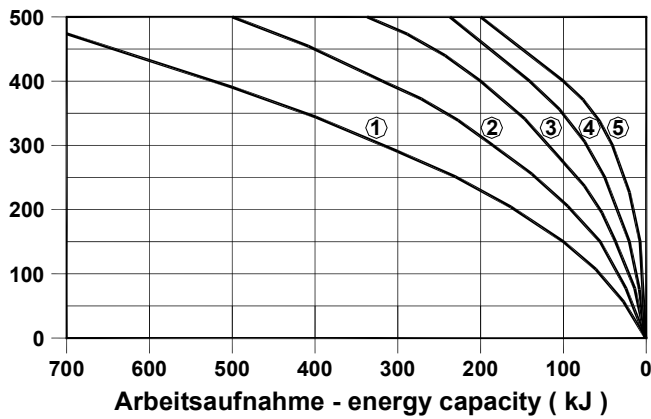


Durel - Zellstoffpuffer / cellular plastic buffer 600 x 320



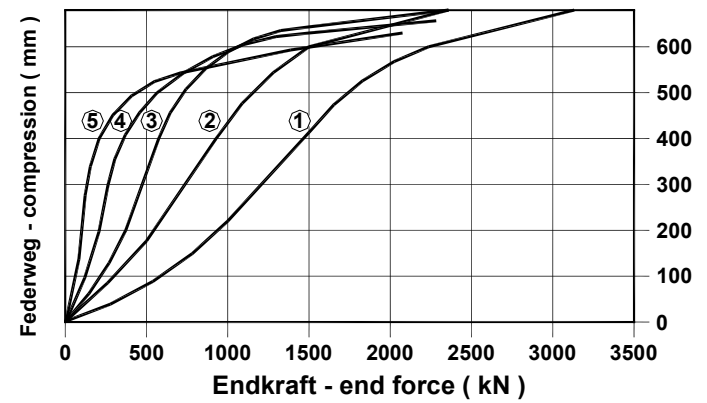
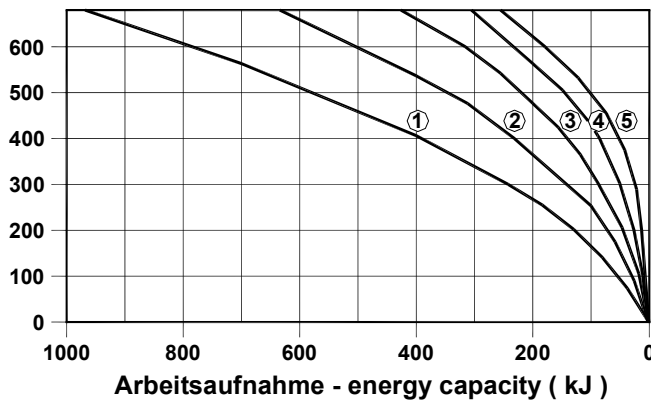
Durel - Zellstoffpuffer / cellular plastic buffer

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