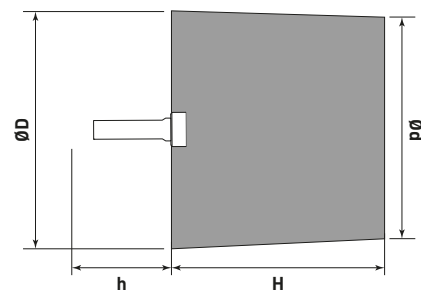


**Materials**

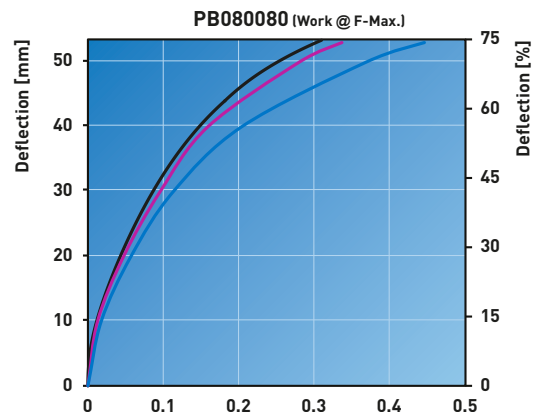
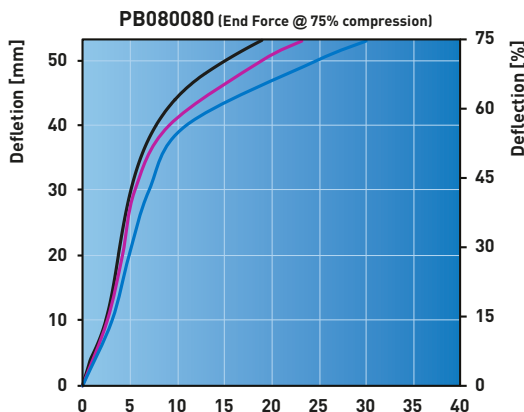
- Polyether urethane
- Hardness 65–75 Sh (A)
- Temperature range: -40 °C to + 80 °C
- Short-term temperatures up to + 110 °C
- Is resistant to oils and grease

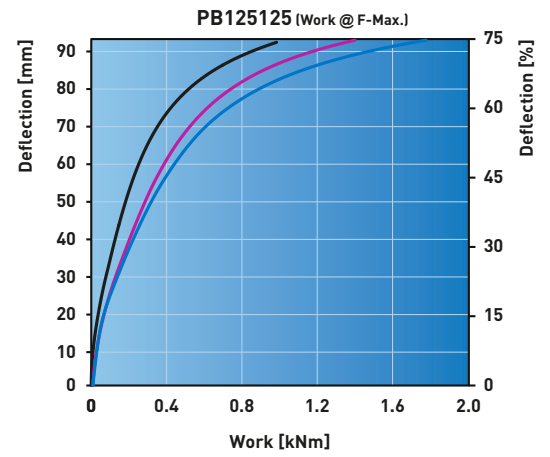
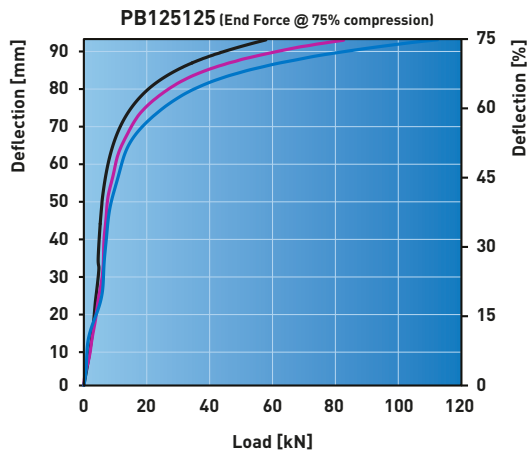
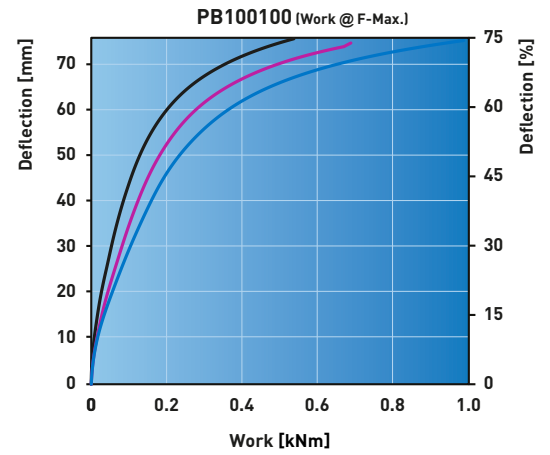
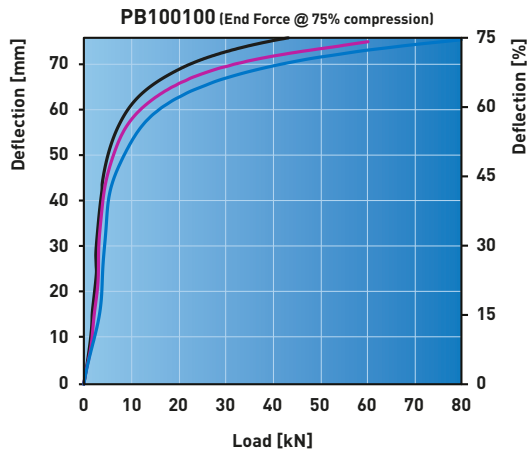
**Application**

- PUR buffers are used as end stops for cranes and lifts, among other things
- Can also be used as machine feet
- The stated values apply to impacts
- The buffer has excellent shock absorption properties as it can be compressed up to 75 %
- Is less suitable for damping dynamic forces from vibrating machinery
- The maximum compression value for the different buffer types should not be exceeded
- Fix in place using a nut.



Size Ø D [mm]	Item no.	Dimensions [mm]				Thread External	Compression in [mm] of F-max	Compressi- on in [%] of F-max	The final force in [kN] of 75 % compression			Work W [kJNm] of F-Max		
		Ø D	Ø d	H	h				stat.	1 m/s	2 m/s	stat.	1 m/s	2 m/s
80	PB080080	80	72	79	40	M12	approx. 53	75 %	19	23	30	0.31	0.34	0.45
100	PB100100	100	93	100	40	M12	approx. 79	75 %	39	60	76	0.51	0.69	0.94
125	PB125125	125	117	124	40	M12	approx. 94	75 %	58	82	109	0.98	1.40	1.70
160	PB160160	160	152	158	40	M12	approx. 118	75 %	85	120	150	1.17	2.56	2.97
200	PB200200	200	180	202	40	M12	approx. 158	75 %	149	220	270	4.40	6.40	7.70





Buffer load method	
	Static
	1 m/s
	2 m/s

