

KP SERIES

COLUMN AND CORNER PROTECTION

Revision: 13 January 2026 8:44 AM
Boplan reference: KP...



PRODUCT SPECIFICATIONS

APPLICATION	
Environment	Air columns for controlled impact absorption. Retains its original shape due to its extensive absorbing capacities. Column protectors prevent structural damage to columns, posts & pillars in warehouses, production halls, airports and parking facilities. Stackable on top of each other for higher protection.
Impact performance at 90°	KP: 2200 Joule (Eq. to 2,5 ton - 4,8 km/h)
MATERIAL	
Column protector	Rexilene® - UV resistant - Fire class E ^s - Non conductive - Impervious to most chemicals**
Straps	Velcro® ties
STANDARD COLOURS	
Column protector	H1100: Yellow RAL 1003 H500: Yellow RAL1003 & Red RAL 3002
Straps	Black
FIXATIONS	
Velcro straps	Black straps to hold both halves together
Bolt fixation (optional)	KP fixation set (2) ZC - H500 - 200/300 KP fixation set (4) ZC - H1100 - 100/150/200/300/400 KP fixation set (6) ZC - H1100 - 500/600
REQUIREMENTS	
Environment	Indoor and outdoor use
Working Temperatures	-10°C up to +40°C

*Classification according to EN 13501-1:2007 +A1:2009 - Fire classification of construction products and building elements.
**Ask your local sales office for resistance to specific chemicals.

IMPACT LABEL FOR SAFETY BARRIERS

BOPLAN COLUMN PROTECTORS	
IMPACT RATING	90°
E80	< 80 kJ
E60	< 60 kJ
E50	< 50 kJ
E40	< 40 kJ
E35	< 35 kJ
E30	< 30 kJ
E25	< 25 kJ
E20	< 20 kJ
E15	< 15 kJ
E10	< 10 kJ
E5	< 5,0 kJ
E2	< 2,5 kJ
2,2 kJ	

TEST CONDITIONS TEMPERATURE: 20°C / 68°F IMPACT HEIGHT: 1000 mm / 40 Inch IMPACT ANGLE: 90° TEST FLOOR: CONCRETE C25/30 - 160 mm / 6 Inch MANUFACTURER ANCHOR PULL OUT: na	TEST VEHICLE WEIGHT: 2300 KG / 5070.63 lbs TYPE: COMMERCIAL FORK LIFT SIZE (L x W x h): 1890x1020x1970 mm / 74x40x78 Inch CONTACT AREA: STEEL BUMPER WIDTH: 600 mm / 24 Inch	BOPLAN TEST CENTRE Muizelstraat 12 8560 Moorsele Belgium
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SUCCESS CRITERIA VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) < 0.5

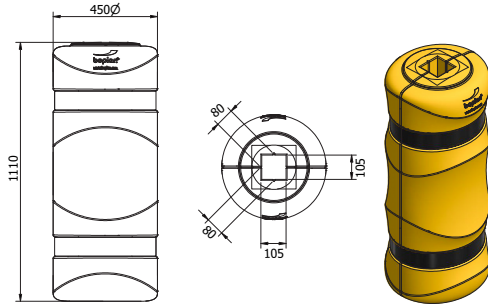


REFERENCE LIST - KP SERIES

KP100 - H1100 mm

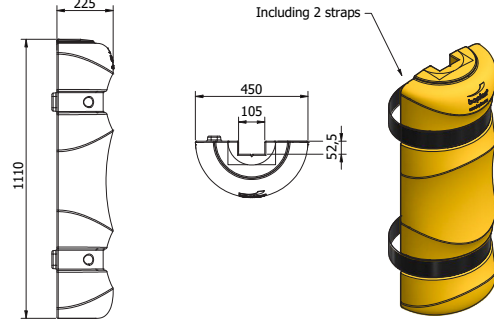
KP1000-1100-S200YE

2 halves (2 straps 1800mm included)



KP1000-1100-S100YE

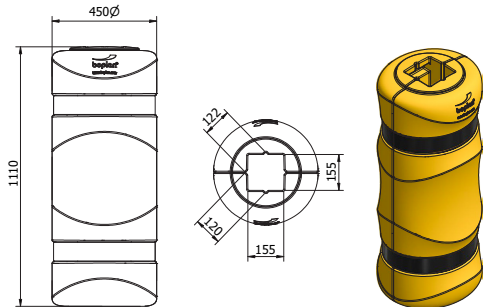
1 halve (2 straps 1800mm included)



KP150 - H1100 mm

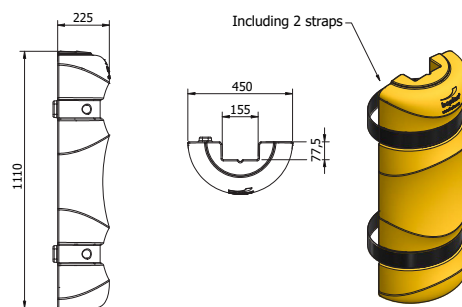
KP1500-1100-S200YE

2 halves (2 straps 1800mm included)



KP1500-1100-S100YE

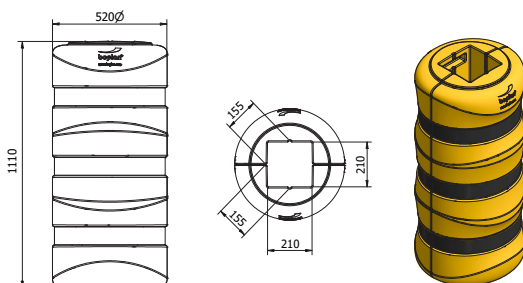
1 halve (2 straps 1800mm included)



KP200 - H1100 mm

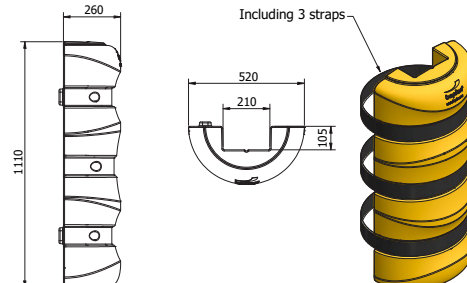
KP2000-1100-S200YE

2 halves (3 straps 2400mm included)



KP2000-1100-S100YE

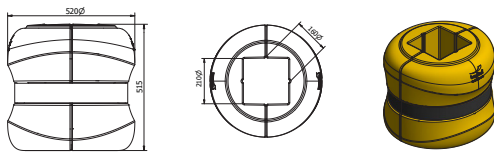
1 halve (3 straps 2400mm included)



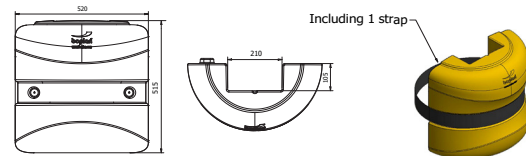
REFERENCE LIST - KP SERIES
KP200 - H500 mm

 KP2000-0500-S200YE
 KP2000-0500-S200RE ■

2 halves (1 strap 2400mm included)

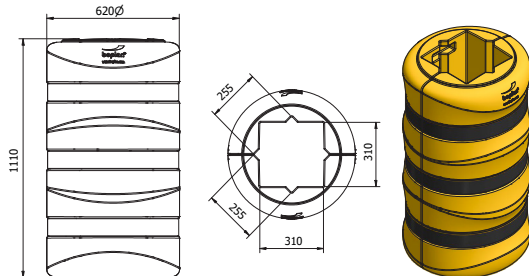

 KP2000-0500-S100YE
 KP2000-0500-S100RE ■

1 halve (1 strap 2400mm included)


KP300 - H1100 mm

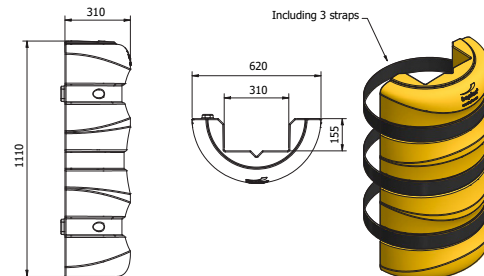
KP3000-1100-S200YE

2 halves (3 straps 2400mm included)



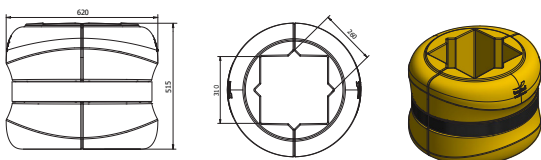
KP3000-1100-S100YE

1 halve (3 straps 2400mm included)

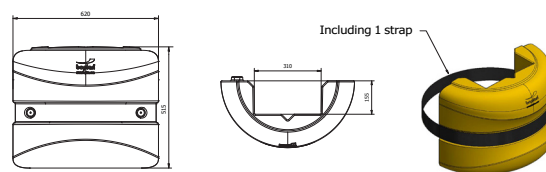

KP300 - H500 mm

 KP3000-0500-S200YE
 KP3000-0500-S200RE ■

2 halves (1 strap 2400mm included)


 KP3000-0500-S100YE
 KP3000-0500-S100RE ■

1 halve (1 strap 2400mm included)

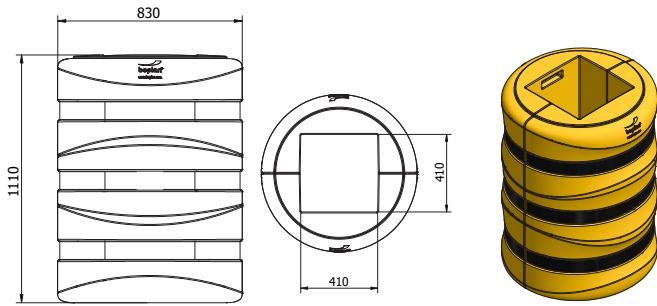


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KP400 - H1100 mm

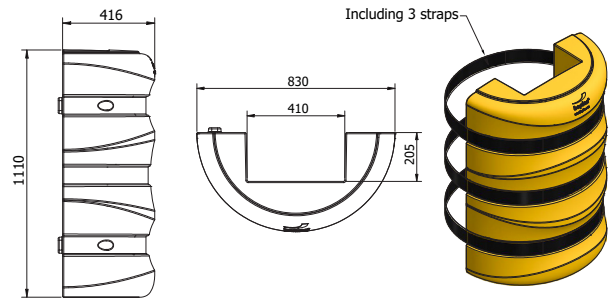
KP4000-1100-S200YE

2 halves (3 straps 3400mm included)



KP4000-1100-S100YE

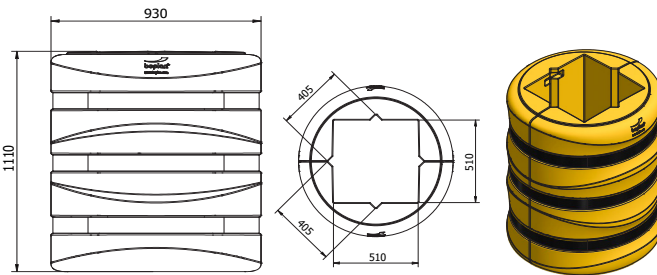
1 halve (3 straps 3400mm included)



KP500 - H1100 mm

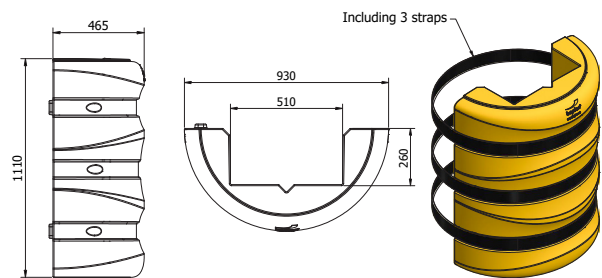
KP5000-1100-S200YE

2 halves (3 straps 3400mm included)



KP5000-1100-S100YE

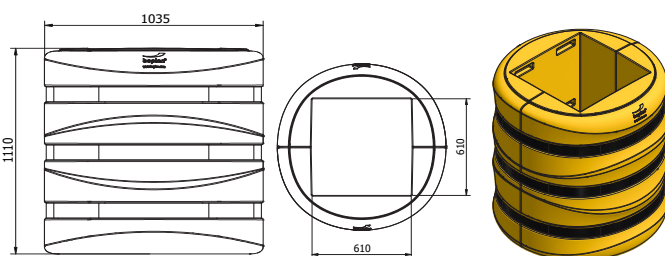
1 halve (3 straps 3400mm included)



KP600 - H1100 mm

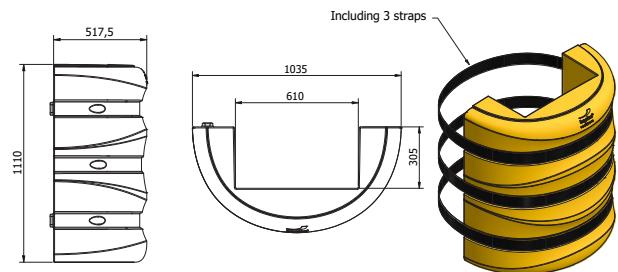
KP6000-1100-S200YE

2 halves (3 straps 4000mm included)

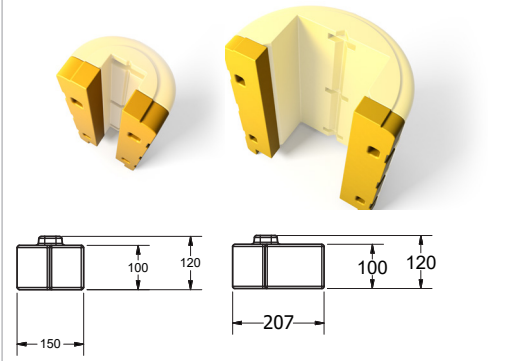
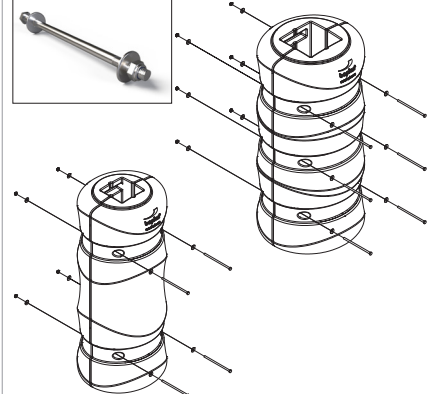
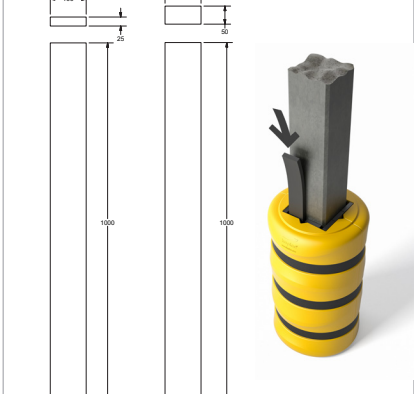


KP6000-1100-S100YE

1 halve (3 straps 4000mm included)



REFERENCE LIST - KP SERIES
ACCESSORIES

KP0099-1100-300YE KP0099-1100-600YE KP0099-0500-300YE KP0099-0500-300RE	KP0099-8180-S200ZC KP0099-8180-S400ZC KP0099-8180-S600ZC	KP0099-1000-1025BL KP0099-1000-1050BL
Extension for KP200/300 - H500 mm - 100 mm - YE or RE - 1 PIECE Extension for KP100/150/200/300 - H1100 mm - 100 mm - YE - 1 PIECE Extension for KP400/500/600 - H1100 mm - 100 mm - YE - 1 PIECE	Fixation set (2) for KP H500 - 200/300 Fixation set (4) for KP H1100 - 100/150/200/300/400 Fixation set (6) for KP H1100 - 500/600	KP Fill up foam - 25mm thick KP Fill up foam - 50mm thick
 <p style="text-align: center;"><i>Accessory details available in separate sheet.</i></p>		

COLUMN STRAP SETS

KP0099-1800-S200BL	Column strap set (2) - 100/150 - L1800mm - BL	
KP0099-2400-S100BL	Column strap set (1) - 200/300 - L2400mm - BL	
KP0099-2400-S300BL	Column strap set (3) - 200/300 - L2400mm - BL	
KP0099-3400-S300BL	Column strap set (3) - 400/500 - L3400mm - BL	
KP0099-4000-S300BL	Column strap set (3) - 600 - L4000mm - BL	

