

KP SERIES

COLUMN
AND CORNER
PROTECTION

Revision: 27 September 2024 9:56 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.

boplan		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 IMPACT HEIGHT: 1000 mm IMPACT ANGLE: 90° TEST FLOOR: CONCRETE C25/30 - 160 mm MANUFACTURER ANCHOR PULL OUT: na		TEST VEHICLE WEIGHT: 2300 KG TYPE: COMMERCIAL FORK LIFT SIZE (L x W x h): 1890 x 1020 x 1970 mm CONTACT AREA: STEEL BUMPER WIDTH: 600 mm	BOPLAN TEST LAB Muizelstraat 12 8560 Moorsele Belgium
SUCCESS CRITERIA VEHICLE STOPPED - ASI (ACCELERATION SEVERITY INDEX) < 0.5			

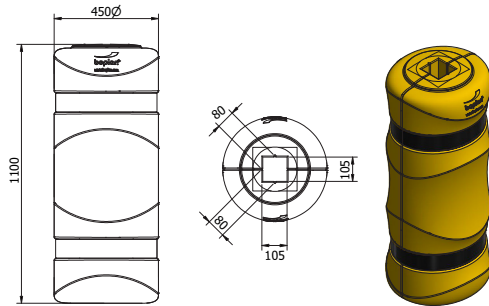


REFERENCE LIST - KP SERIES

KP100 - H1100 mm

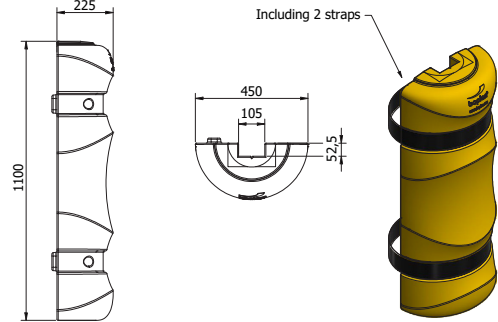
KP1000-1100-S200YE

2 halves (2 straps 1800mm included)



KP1000-1100-S100YE

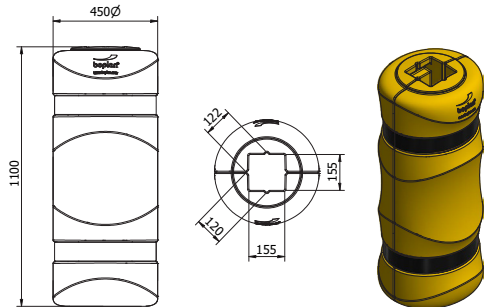
1 halve (2 straps 1800mm included)



KP150 - H1100 mm

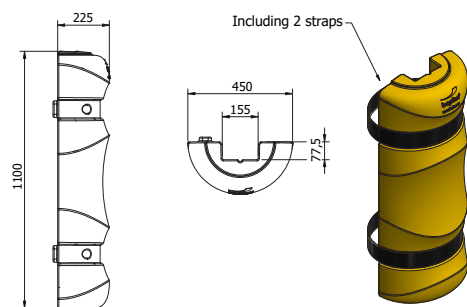
KP1500-1100-S200YE

2 halves (2 straps 1800mm included)



KP1500-1100-S100YE

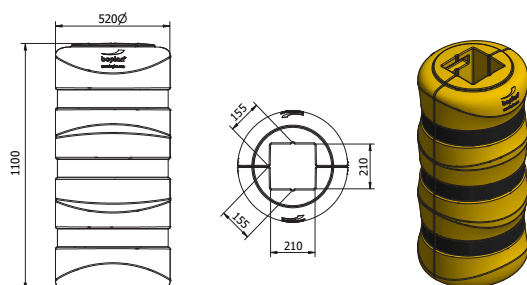
1 halve (2 straps 1800mm included)



KP200 - H1100 mm

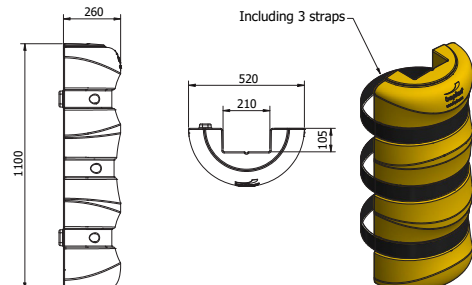
KP2000-1100-S200YE

2 halves (3 straps 2400mm included)



KP2000-1100-S100YE

1 halve (3 straps 2400mm included)

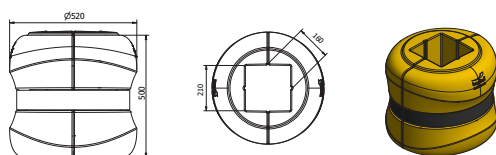


REFERENCE LIST - KP SERIES

KP200 - H500 mm

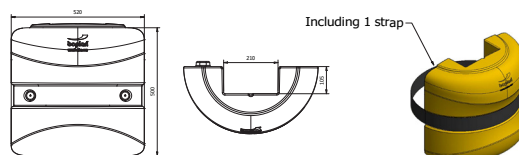
KP2000-0500-S200YE
KP2000-0500-S200RE ■

2 halves (1 strap 2400mm included)



KP2000-0500-S100YE
KP2000-0500-S100RE ■

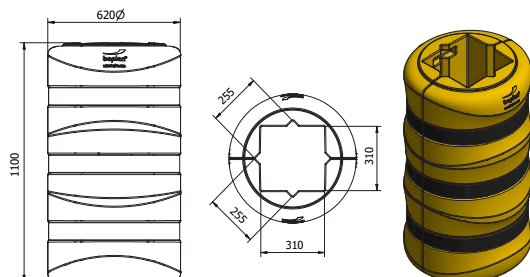
1 halve (1 strap 2400mm included)



KP300 - H1100 mm

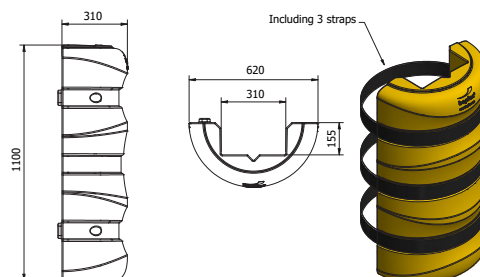
KP3000-1100-S200YE

2 halves (3 straps 2400mm included)



KP3000-1100-S100YE

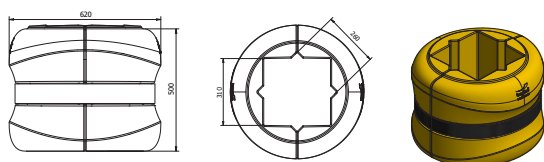
1 halve (3 straps 2400mm included)



KP300 - H500 mm

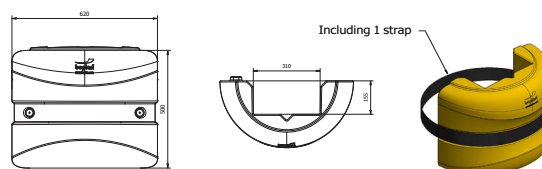
KP3000-0500-S200YE
KP3000-0500-S200RE ■

2 halves (1 strap 3400mm included)



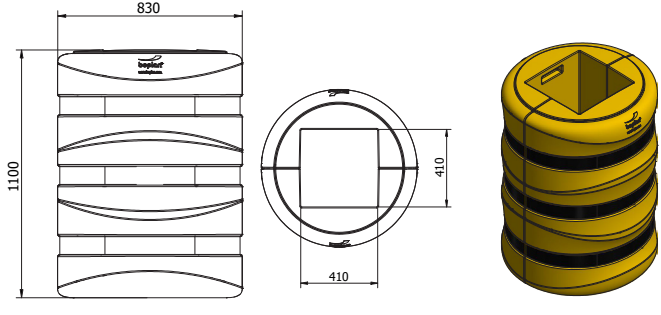
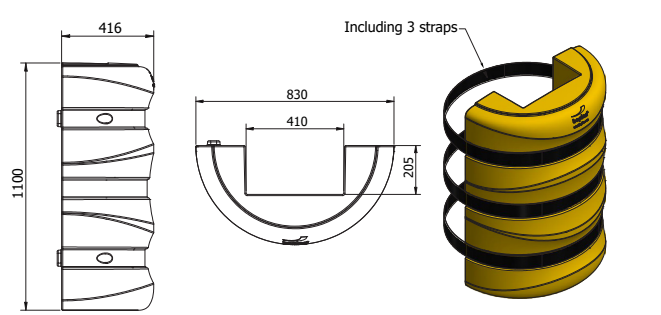
KP3000-0500-S100YE
KP3000-0500-S100RE ■

1 halve (1 strap 3400mm included)

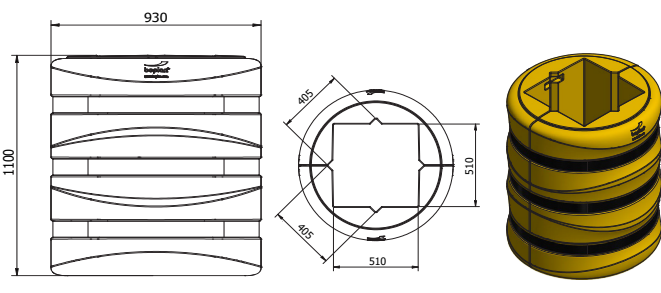
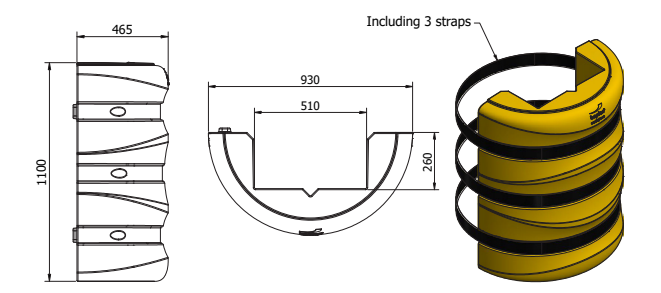


REFERENCE LIST - KP SERIES

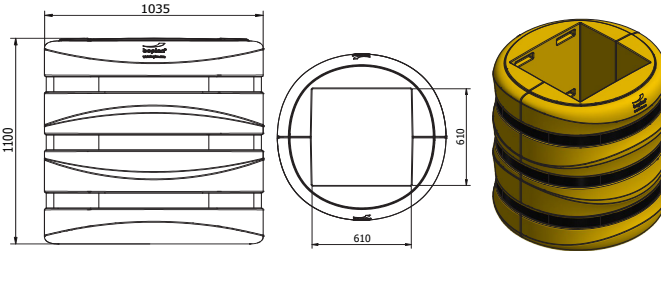
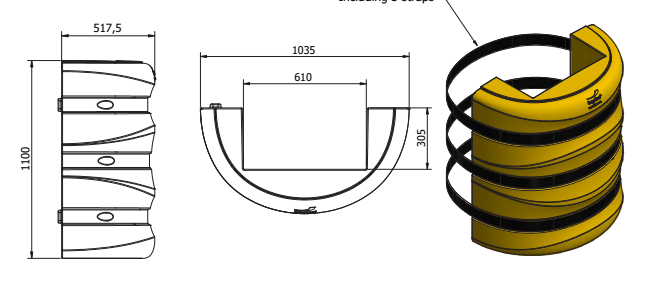
KP400 - H1100 mm

KP4000-1100-S200YE	KP4000-1100-S100YE
2 halves (3 straps 3400mm included)	1 halve (3 straps 3400mm included)
	

KP500 - H1100 mm

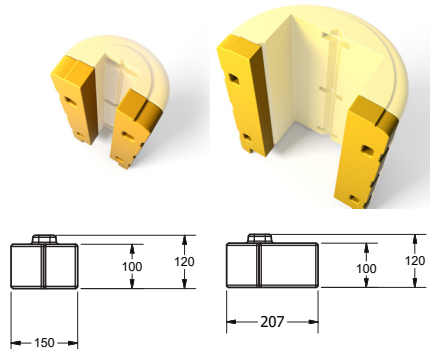
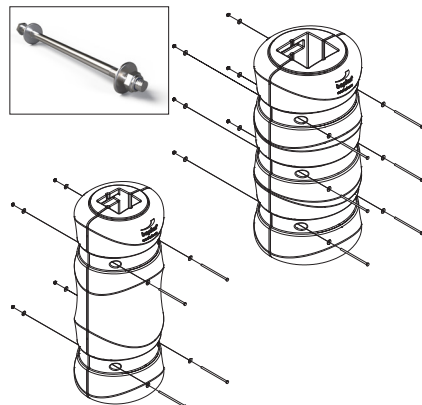
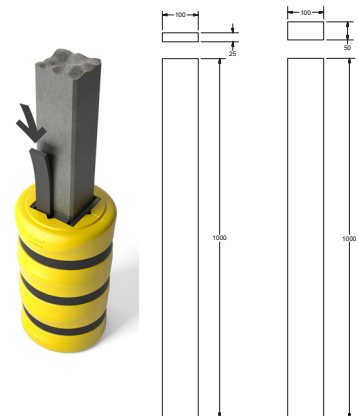
KP5000-1100-S200YE	KP5000-1100-S100YE
2 halves (3 straps 3400mm included)	1 halve (3 straps 3400mm included)
	

KP600 - H1100 mm

KP6000-1100-S200YE	KP6000-1100-S100YE
2 halves (3 straps 4000mm included)	1 halve (3 straps 4000mm included)
	

REFERENCE LIST - KP SERIES

ACCESSORIES

KP0099-1100-300YE KP0099-1100-600YE	KP0099-8180-S200ZC KP0099-8180-S400ZC KP0099-8180-S600ZC	KP0099-1000-1025BL KP0099-1000-1050BL
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
		

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	

