

# SBK



## SKANCROSS CROSS RIGID CONVEYOR BELTS

Skancross conveyor belts are extremely rigid in the transverse direction. Cross rigidity is secured by the unique belt design. Standard SBK cross rigid belting is available with two separate cross-rigid textile members, which are integrated into the top and bottom covers of the belt (named EM). The unique design enhances cross rigidity to produce belts that are ideal for use in heavy-duty applications. For light applications, we offer the so-called XEM belts, where transverse rigidity is achieved by means of monofilament insertions woven into the belt carcass/textiles.

To withstand very heavy loads (where the rigidity in standard belting is insufficient), we offer a cross-rigid belt with special steel cord insertions in the transverse direction. The density and thickness of the steel cords are calculated in accordance with the specific task. These are named XE-SB belts. These are only available with moulded rubber edges.

For extremely heavy loads and very high elevation, we offer cross-rigid belting with special steel cord insertions in both the warp (lengthwise) and weft (transverse direction). These belts are named XE-SC belts and are only available with moulded rubber edges. This type of belting has very low elongation (0.25% in the lengthwise direction). Fitting and assembly of steel cord belts must only be performed by specially trained staff using special tools.

TYPE	COVER		THICKNESS APP.	WEIGHT APP.	NO. OF FABRICS		PULLEY Ø D1* mm
	TOP	BOTTOM	mm	KG/m <sup>2</sup>	EP	EM	
XE250/2+2	2	2	8,5	8,60	2	2	250
XE400/3+2	4	2	11,50	11,25	3	2	315
XE500/3+2	4	2	11,80	11,56	3	2	400
XE630/4+2	4	2	12,90	12,55	4	2	500
XE800/5+2	4	2	14,00	13,55	5	2	630
XE1000/5+2	4	2	14,75	14,10	5	2	800

*D1 is at 30-60% of maximum breaking strength. The minimum pulley diameter for any given belt must always be selected in accordance with the largest pulley diameter, i.e. if the belt is Ø400 mm and selected corrugated sidewalls and/or cleat are 480 mm, you should select a minimum pulley diameter of 480 mm.*

### SKANCROSS CAN BE OFFERED IN THE FOLLOWING QUALITIES

- Y** = Normal quality
- OIL-GM** = Medium oil & fat resistant
- K** = Flame resistant
- OIL-GM-K** = Flame + medium oil & fat resistant
- T130-T150** = Heat resistant

Other breaking strengths are available on request.

We also offer cross-rigid belting with textile backing and other combinations of cover and textile members.

## Skandinavisk Båndkompagni A/S

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*Subject to alterations*