

AAG BRAKE WOVEN BAND

technical data sheet - type AB-E

390275120X12
03/01 2020

Brake woven band type AB-E

Brake bands of type AB-E are woven of special yarns made of chemical fibers, reinforced with a brass wire and then it is soaked with a special impregnant. Thanks to the application of special of a multilayer strand, we obtained material with very high strength and durability, which enables its application even in very difficult conditions of work.

Application

Woven brake tapes are mainly used in strongly loaded drum brakes, cranes, hoisting winches, lifts, gantry cranes etc.

Properties

- very high mechanical resistance,
- stable friction coefficient,
- high life span.



Technical parameters

DESCRIPTION OF PARAMETER	VALUE
TYPE	AB-E
Maximum operation temperature in °C	350
Minimum dynamic friction coefficient	0,41
Minimum static friction coefficient	0,29
Maximum unit pressure in MPa	1,15
Maximum circumferential speed of the track in m/s	22
Dimensional tolerance for the thickness of 8-15 mm	± 1 mm
Dimensional tolerance for the thickness of 16-20 mm	± 2 mm
Colour	maroon
Dimensional range in mm	width: 50 – 300 thickness: 8 – 20

Commercial packaging

2 m, 3 m, 5 m rolls
or custom-made frictional cover plates