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APPOINTEX IMPORT COMÉRCIO E SERVIÇOS LTDA

comercial@appointeximport.com.br

(021) 97287-3901

Engineering Specification Model B-11 Standard Response Automatic Sprinklers

Sprinklers shall be a standard coverage, standard response, upright, that is ABNT and UL certified, based on ABNT NBR16400:2022, with the quality management in the production process certified by ABNT / ISO9001:2015, for occupation of areas with risks [ordinary] [extraordinary]. Sprinkler frame and deflector shall be of brass frame construction having a 3/4"/20mm NPT/BSP thread. The water sealing member applied between the slide body and the shutter element which supports the thermal bulb glass in order to prevent pressure leaks, is a type washer-coated teflon, is called Belleville. The thermosensitive element should be the type of bulb glass, resistant vertically to the operating pressure of the hydraulic pipes (12 to 15bar), with temperature rating shall be [155 °F (68 °C)] [200 °F (93 °C)] [286 °F (141 °C)]. Sprinklers shall have a nominal K-factor (flow and pressure relation) of [11.0 (US) / 160 (metric)]. Standard finish: [Chrome-plated] [Natural].

Refer to "Cartilha B-11" for identification technical information with respect to type of response, position, diameter, temperature and finishing.

HOW TO SPECIFY A REFERENCE MODEL SPRINKLER B-11:

Model	Response type	Position	Diameter (mm)	Temperature (°C)	Finishing
B-11	(Empty) Standard Response	(F) Upright	20	68 93 141	NA CR

Example: A sprinkler B-11 model, type standard response, its installed position is upright, 3/4" thread, drive temperature of 93 °C and natural finish is represented as follows:

Model	Position	Diameter (mm)	Temperature (°C)	Finishing
B-11	F	20	93	NA

Part number: B-11F2093NA

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Specifying, for example, the same product by changing the nominal temperature and finishing would thus:

Model	Position	Diameter (mm)	Temperature (°C)	Finishing
B-11	F	20	141	CR

Part number: B-11F20141CR

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