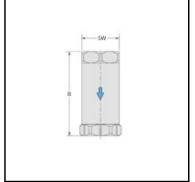
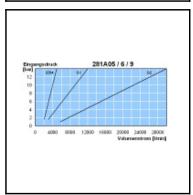


Datasheet of 281A0611 Hose rupture valve









Description

HoseGuard hose rupture valve, flow rate 5220 l/min, female thread G 1, aluminium

Air supply is immediately shut off when volume flow exceeds a specific value. The maximum admissible flow is factory-set in such a way that a standard application of pneumatic equipment is ensured. Pressure drop amounts to 0.05 to 0.3 bar. In the case of failure, the hose rupture valve blows off through a small nozzle. After repairing the hose break, the hose rupture valve can be set to zero again.

According to **EN ISO 4414-11.2010** the hose rupture valve protects individuals, systems and machines from injuries or damages caused by lashing hose lines in the event of hose breaks.

The air passes the piston and continues through the seat. The air stream is slowed down by means of lengthwise grooves on the piston surface. When the volume flow is too high, the air cannot pass the piston quickly enough, thus the piston will be pressed against the spring. If the maximum admissible flow is exceeded, e.g. when the hose suddenly breaks, the air supply will automatically be shut off.

Details

Series:	281	
Flow rate in I/min:	5220	
Series long:	281	
Maximum working pressure in bar:	18	
Advantages:	Increase of safetyVery low pressure lossHose rupture protection can be reset and reused	
Working temperature:	-20°C up to +120°C	
Connection:	Female thread G 1	
Connection description:	Female thread G 1	
Material:	Aluminium	
Seal description:	Nitrite-butadiene rubber	
Material connection:	Aluminium	
Material seal:	NBR	
Case:	Aluminium	
Weight in kg:	0,12	
Hydraulics:	No	
Pneumatics:	Yes	
Water-resistant:	No	

Dimensions

Connection A:	G 1
B mm:	100
SW mm:	41