OPERATION AND CARE MANUAL

DURGO PRESSURE RELIEF VALVE TYPE SV-55 (4155) DN15/20, DN20/25, DN25/32, DN32/40, DN40/50, DN50/65 BRASS, WITH FKM (FLUOROCARBON RUBBER) WASHER

The Durgo pressure relief valve (PRV) type SV-55 (4155) operates progressively. It is designed to open at the specified set pressure and ensure that the plant is not subjected to a short pressure increase greater than 10%. When the pressure is reduced, the valve will return to being fully closed at the specified opening pressure minus 5%.
The PRV set pressure is fixed in accordance with customer order, and is adjusted to suit the existing installation and pressure used.
The label attached to the valve shows the valve type [Type], year of manufacture and serial number [Year/Id.no.], set pressure [Set pressure], connection [Conn. In/Out], maximum allowable pressure [PS], test pressure [PT], test pressure date [year/month], fluid category [Fluid cat.] and temperature range [Max/Min temp].



Id. label



Applications:

Durgo pressure relief valve (PRV) type SV-55 (4155) in brass, with FKM (fluorocarbon rubber) washer, is intended for use with installations containing air, water or oil.
Max temperature 125°C, min temperature -30°C. If the medium contains anything apart from pure air or water, the resistance of the sealing and valve material must be verified, to avoid compromising the sealing / durability of the valve. If there is any uncertainty, please contact Durgo.

Maintenance instruction:

Regular function checks must be done on the PRV at least once every 3 months. The valve can be hot, be careful and use protective gloves if necessary. The function check is done by firmly pulling the pressure relief handle and allowing the PRV to blow out medium for about 2 seconds, then release the handle. If the PRV does not open during the function check, it must be exchanged as soon as possible. If the PRV leaks after the function check, this is probably caused by particles which have got stuck between the washer and the sealing surface. Pull the handle again to clear any particles out. The seal must be checked at the same time as the function check. If the seal is broken, the valve must be exchanged. Renovation or service of the PRV must only be done by AB Durgo.

Installation:

Valves used for pressure relief during thermal expansion can be installed in any position, since the valve is designed to have its spring housing isolated from the medium.
The PRV valve outlet pipe must be terminated in such a manner that medium which blows out can be discharged without risk of personal injury or property damage.
When installed in a facility where the valve may be exposed to freezing, the valve must be placed or protected so that freezing media can not enter the valve's spring housing.

Approval:

Durgo's PRVs are classified as class 4 valves and are CE marked in accordance with AFS 2023:5; Pressure Containing Devices (PED 2014/68/EU).
A EU-declaration of conformity is supplied with all valves.

DURGO

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