

# HANSA Overflow safety valve ÜSV 11.0 bar | 12.5 mm | G1/2" \_2446110050



## Product short description:

Overflow safety valve ÜSV 11.0 bar | 12.5 mm | G1/2"

Dimension (LxWxH): 75x59x153 mm

Weight: 1,07 kg

Part-No.: 2446110050

Made in Germany

## Product codes:

Reference: 2446110050

EAN13: 4251692918333

## Product description:

Design type direct acting spring loaded valves

Opening characteristic Standard safety valve

Type designation ÜSV and HD-ÜSV

Valve size DN 15 mm

throat A G 1/2"

outlet B G 1

overall length H 131 mm

Key (SW) SW 12.5 mm

Weight pc 1,070 kg

Licensing Type tested safety valve (Modul B)  
Individual approval is based on Module F (2014/68 EU)

20160731-33183-1  
891842682-100-42  
1411\_ÜSV

Conformity  
assessment

Category IV - Modul  
B+F (2014/68 EU)

Applied standards  
and

DIN EN 378, AD  
2000-Information  
Sheet, VdTÜV-  
Information Sheet,  
DIN EN ISO 4126-1,  
Guideline 2014/68  
EU

technical  
specification

Suitable for

Fluids in group 1  
(please consult  
manufacturer) and  
group 2 (please  
consult  
manufacturer) also  
R744  
for all common  
refrigerants like  
HFC and CFC  
except NH<sub>3</sub>  
refrigerant  
As "PRO" also for  
R290 available  
-30°C to +120°C

Permissible  
temperature range

Nominal Opening  
Pressure

available from 10  
to 45 bar  
see catalogue ±  
3% (EN ISO 4126-1  
7.2.1)

Opening Pressure  
Diff

≤ 10%, min. 0,1bar

EN ISO 4126-1  
Travel ° ≤ 0,26

Threaded  
connection

G 1/2"

Flow diameter

12,5mm

Housing material

brass CW617N  
(2.402 or

CuZn40Pb2)

Output G 1" free blow-off

Reduced discharge coefficient 0.49

Shipped with: 1 copper O-Ring seal 2776830050 13,2X18,5X1,5 certificate with control number attached to each valve

Remarks: Each valve tested and controled under supervision of DEKRA quality control

## Product features:

Authorised refrigerants: R407F  
Authorised refrigerants: R464A  
Authorised refrigerants: R422A  
Authorised refrigerants: R123  
Authorised refrigerants: R448A  
Authorised refrigerants: R407G  
Authorised refrigerants: R466A  
Authorised refrigerants: R422B  
Authorised refrigerants: R124  
Authorised refrigerants: R449B  
Authorised refrigerants: R408A  
Authorised refrigerants: R468A  
Authorised refrigerants: R422C  
Authorised refrigerants: R245fa  
Authorised refrigerants: R449C  
Authorised refrigerants: R409A  
Authorised refrigerants: R471A  
Authorised refrigerants: R422D  
Authorised refrigerants: R401B  
Authorised refrigerants: R449A  
Authorised refrigerants: R450A

Authorised refrigerants: R409B  
Authorised refrigerants: R513B  
Authorised refrigerants: R422E  
Authorised refrigerants: R401C  
Authorised refrigerants: R452B  
Authorised refrigerants: R410A  
Authorised refrigerants: R513A  
Authorised refrigerants: R423A  
Authorised refrigerants: R401A  
Authorised refrigerants: R452C  
Authorised refrigerants: R410B  
Authorised refrigerants: R514A  
Authorised refrigerants: R424A  
Authorised refrigerants: R402A  
Authorised refrigerants: R452A  
Authorised refrigerants: R414A  
Authorised refrigerants: R515A  
Authorised refrigerants: R425A  
Authorised refrigerants: R402B  
Authorised refrigerants: R453A  
Authorised refrigerants: R414B  
Authorised refrigerants: R744  
Authorised refrigerants: R426A  
Authorised refrigerants: R403A  
Authorised refrigerants: R456A  
Authorised refrigerants: R416A  
Authorised refrigerants: R1233zd(E)  
Authorised refrigerants: R427A  
Authorised refrigerants: R407H  
Authorised refrigerants: R407I  
Authorised refrigerants: R458A  
Authorised refrigerants: R417A  
Authorised refrigerants: R1234ze(E)  
Authorised refrigerants: R427B  
Authorised refrigerants: R407A  
Authorised refrigerants: R460A  
Authorised refrigerants: R417B  
Authorised refrigerants: R1336mzz(E)  
Authorised refrigerants: R428A  
Authorised refrigerants: R407B  
Authorised refrigerants: R460B  
Authorised refrigerants: R417C  
Authorised refrigerants: R1336mzz(Z)

Authorised refrigerants: R434A  
Authorised refrigerants: R407C  
Authorised refrigerants: R460C  
Authorised refrigerants: R420A  
Authorised refrigerants: R455A  
Authorised refrigerants: R134a  
Authorised refrigerants: R437A  
Authorised refrigerants: R407D  
Authorised refrigerants: R461A  
Authorised refrigerants: R421A  
Authorised refrigerants: R454C  
Authorised refrigerants: R22  
Authorised refrigerants: R438A  
Authorised refrigerants: R407E  
Authorised refrigerants: R463A  
Authorised refrigerants: R421B  
Authorised refrigerants: R2910  
Authorised refrigerants: R30  
Authorised refrigerants: R442A

## **Product attributes:**



HANSA ÜSV Sicherheitsventil  
2446xxxxxx  
2447xxxxxx