

## HANSA Safety valve KSV 16.0 bar | 12.5 mm | G1/2" \_2442160050



### Product short description:

Safety valve KSV 16.0 bar | 12.5 mm | G1/2"

Dimension (LxWxH): 48x41x131 mm

Weight: 0,49 kg

Part-No.: 2442160050

Made in Germany

### Product codes:

Reference: 2442160050

EAN13: 4251692911334

### Product description:

|                        |   |
|------------------------|---|
| Design type            | direct acting spring loaded valves                                    |
| Opening characteristic | Standard safety valve   |
| Type designation       | KSV and HD-KSV  |
| Part number KSV        | 2442xxx050 (xxx = bar value e.g. 280 = 28,0 bar)                      |
| Part number HD-KSV     | 2443xxx050 (xxx = bar value e.g. 280 = 28,0 bar)                      |
| Valve size             | DN 15   |
| throat                 | G 1/2"  |
| outlet                 | G 1"  |
| overall length         | 131 mm<br>27  |
| Weight pc              | 0,490 kg  |
| Licensing              | Type tested safety valve (Modul B)<br>Individual approval is based on |

|   |   |
|---|---|
|   | Module F (2014/68 EU)<br>Z-D-002-11018/16 and Z-D-002-11020/16  |
| Marking KSV                                   | SV · 16-11018 · 123 · D/G · 0,51<br>· p   |
| Marking HD-KSV                                | SV · 16-11020 · 123 · D/G · 0,51<br>· P   |
| Conformity assessment                         | Category IV - Modul B+F<br>(2014/68 EU)   |
| Applied standards and technical specification | DIN EN 378, AD<br>2000-Information Sheet, VdTÜV-<br>Information Sheet,<br>DIN EN ISO 4126-1, Guideline<br>2014/68 EU  |
| Suitable for                                  | Fluids in group 1 (please consult<br>manufacturer) and 2<br>for all common refrigerants like<br>HFC and CFC<br>Includes refrigeration fluids<br>safety class A2L<br>"PRO" version for R290 Propan<br>available.<br>Except NH3 refrigerant ! |
| Permissible temperature range                 | -30°C bis 120°C   |
| Nominal Opening Pressure                      | as per catalogue ± 3% (EN ISO<br>4126-1 7.2.1)  |
| Opening Pressure Diff                         | ≤ 10%, min. 0,1bar  |
|   | EN ISO 4126-1 Travel ° ≤ 0,26   |
| Threaded connection                           | G 1/2"  |
| Max flow diameter                             | 12,5mm  |
| Housing material                              | brass CW617N (2.402 or<br>CuZn40Pb2)  |
| Output  | G 1" free blow-off  |
| Reduced discharge coefficient                 | 0.51  |
| Remarks:                                      | Each valve tested and controled<br>under supervision of DEKRA<br>quality control  |

certificate with control number  
attached to each valve

## **Product features:**

Authorised refrigerants: R422A  
Authorised refrigerants: R123  
Authorised refrigerants: R448A  
Authorised refrigerants: R407F  
Authorised refrigerants: R464A  
Authorised refrigerants: R422B  
Authorised refrigerants: R124  
Authorised refrigerants: R449B  
Authorised refrigerants: R407G  
Authorised refrigerants: R466A  
Authorised refrigerants: R422C  
Authorised refrigerants: R245fa  
Authorised refrigerants: R449C  
Authorised refrigerants: R408A  
Authorised refrigerants: R468A  
Authorised refrigerants: R422D  
Authorised refrigerants: R401B  
Authorised refrigerants: R449A  
Authorised refrigerants: R409A  
Authorised refrigerants: R471A  
Authorised refrigerants: R422E  
Authorised refrigerants: R401C  
Authorised refrigerants: R450A  
Authorised refrigerants: R409B  
Authorised refrigerants: R513B  
Authorised refrigerants: R423A  
Authorised refrigerants: R401A  
Authorised refrigerants: R452B  
Authorised refrigerants: R410A  
Authorised refrigerants: R513A  
Authorised refrigerants: R424A  
Authorised refrigerants: R402A  
Authorised refrigerants: R452C  
Authorised refrigerants: R410B  
Authorised refrigerants: R514A  
Authorised refrigerants: R425A

Authorised refrigerants: R402B  
Authorised refrigerants: R452A  
Authorised refrigerants: R414A  
Authorised refrigerants: R515A  
Authorised refrigerants: R744  
Authorised refrigerants: R426A  
Authorised refrigerants: R403A  
Authorised refrigerants: R453A  
Authorised refrigerants: R414B  
Authorised refrigerants: R1233zd(E)  
Authorised refrigerants: R427A  
Authorised refrigerants: R2910  
Authorised refrigerants: R407H  
Authorised refrigerants: R456A  
Authorised refrigerants: R416A  
Authorised refrigerants: R1234ze(E)  
Authorised refrigerants: R427B  
Authorised refrigerants: R407I  
Authorised refrigerants: R458A  
Authorised refrigerants: R417A  
Authorised refrigerants: R1336mzz(E)  
Authorised refrigerants: R428A  
Authorised refrigerants: R407A  
Authorised refrigerants: R460A  
Authorised refrigerants: R417B  
Authorised refrigerants: R1336mzz(Z)  
Authorised refrigerants: R434A  
Authorised refrigerants: R407B  
Authorised refrigerants: R460B  
Authorised refrigerants: R417C  
Authorised refrigerants: R455A  
Authorised refrigerants: R134a  
Authorised refrigerants: R437A  
Authorised refrigerants: R407C  
Authorised refrigerants: R460C  
Authorised refrigerants: R420A  
Authorised refrigerants: R421A  
Authorised refrigerants: R454C  
Authorised refrigerants: R22  
Authorised refrigerants: R438A  
Authorised refrigerants: R407D  
Authorised refrigerants: R461A  
Authorised refrigerants: R421B

Authorised refrigerants: R30

Authorised refrigerants: R442A

Authorised refrigerants: R407E

Authorised refrigerants: R463A

**Product attributes:**

