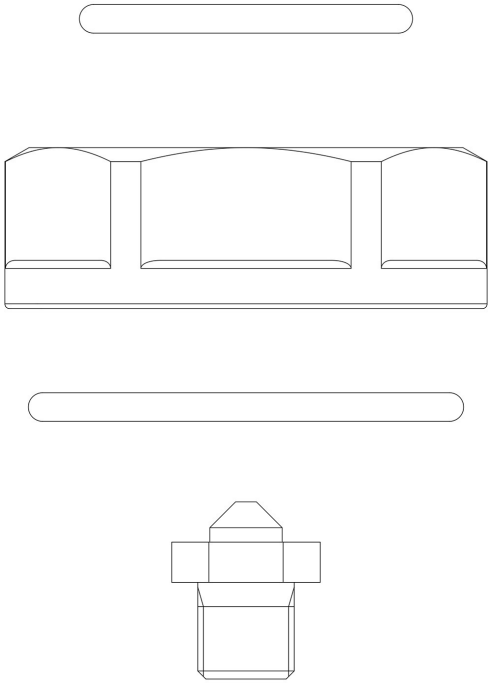
# Product Code

# 9150N/R63

Orifice Assemblies
01x2028<br>PS = 50 bar



## Product use

Solenoid expansion valves with the ?EX? suffix are compliant with the ESR of Directive 2014/34/EU ? ATEX. This equipment is suitable for use on refrigeration systems located in areas classified as ?Zone 2? risk of explosion, according to the definition in Annex I of Directive 1999/92/EC.
Accessories for use with the following ASHRAE 34:2019 refrigerants, Class A1, A2L, or A3:
HFC (R134A, R32, R404A, R407C, R410A, R507)
HFO (R1234YF, R1234ZE)
HFO + HFC (R448A, R449A, R450A, R452A, R452B, R454A,
R454B, R454C, R455A, R513A, R515A, R515B)
HC (R290, R600, R600A, R1270)

These valves are only sold in the model with the ATEX certified coil (A6 suffix), with 9 nozzles assembled for an increasing output from 2 to 36 kW with R290.

## Product Details

| | |
|---|---|
| **Orifice type** | 01 |
| **Rated capacity (1) [kW] R134a** | 0,79 |
| **Rated capacity (1) [kW] R32** | 1,75 |
| **R404A** | 0,74 |
| **R507** | 0,74 |
| **R407C** | 1,03 |
| **R410A** | 1,21 |
| **R1234ze** | 0,62 |
| **R1234yf** | 0,58 |
| **R448A** | 0,98 |

*Castel non si assume alcuna responsabilità per eventuali errori nei cataloghi, opuscoli e altro materiale stampato o indicato nel sito Castel.it. Castel si riserva il diritto di modificare i propri prodotti senza preavviso. Tutti i marchi in questo materiale sono di proprietà di Castel. Tutti i diritti riservati.*
*Castel assumes no responsibility for any errors in catalogs, brochures and other material printed or indicated on the Castel.it website. Castel reserves the right to modify its products without notice. All trademarks in this material are the property of Castel. All rights reserved.*

| | |
|---|---|
| **R449A** | 0,97 |
| **R450A** | 0,69 |
| **R452A** | 0,76 |
| **R452B** | 1,36 |
| **R454A** | 1,00 |
| **R454B** | 1,38 |
| **R454C** | 0,85 |
| **R513A** | 0,67 |
| **R515A** | 0,60 |
| **R515B** | 0,59 |
| **R290** | 1,06 |
| **R600** | 0,68 |
| **R600a** | 0,70 |
| **R1270** | 1,19 |
| **Package pcs.** | 180 |

## Notes where expressly stated

(1) Rated capacities are based on:
- Evaporating temperature Tevap = + 5 °C
- Condensing temperature Tcond = + 32 °C
- Refrigerant liquid temperature ahead of valve Tliq = + 28 °C

*Castel non si assume alcuna responsabilità per eventuali errori nei cataloghi, opuscoli e altro materiale stampato o indicato nel sito Castel.it. Castel si riserva il diritto di modificare i propri prodotti senza preavviso. Tutti i marchi in questo materiale sono di proprietà di Castel. Tutti i diritti riservati.*
*Castel assumes no responsibility for any errors in catalogs, brochures and other material printed or indicated on the Castel.it website. Castel reserves the right to modify its products without notice. All trademarks in this material are the property of Castel. All rights reserved.*