

Danfoss A/S6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**MANUFACTURER'S DECLARATION****Danfoss A/S****Refrigeration & Air Conditioning Controls**

declares under our sole responsibility that the

Product category: Solenoid valve



Type designation(s): EVR - EVRH - EVRP - EVRC - EVU - EVUL - EVUB - EVUF - EVO - AKV - AKVH - AKVO - AKV 10P - AKV 10PS

Covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

Pressure Equipment Directive 2014/68/EU (PED)

EN 12284 2003 Refrigerating systems and heat pumps. Valves. Requirements, testing and marking

| Types | Range | DN | PS (bar) | Fluid Group | Ts (°C) | PED category |
|--------------------------------|------------|-------|----------|-------------|-----------|------------------------|
| EVR (032FXXXX /042HXXXX) | 2 to 3 | 5-8 | 49 | I*,II | -40 - 105 | Article 4, Paragraph 3 |
| | 2 to 8 | 5-8 | 45,2 | I*,II | | Article 4, Paragraph 3 |
| | 10 | 10 | 35 | I*,II | | Article 4, Paragraph 3 |
| | 15 to 22 | 15-25 | 32 | I*,II | | Article 4, Paragraph 3 |
| | 20 to 22 | 32 | 32 | II | | Article 4, Paragraph 3 |
| | 25-32 | 25-32 | 32 | II | | Article 4, Paragraph 3 |
| EVR (032LXXXX) | 4 to 22 | 5-25 | 49 | I*,II | -40 - 105 | Article 4, Paragraph 3 |
| | 20 to 22 | 32 | 45,2 | II | | Article 4, Paragraph 3 |
| | 25-32 | 25-32 | 45,2 | II | | Article 4, Paragraph 3 |
| EVRH | 10 to 40 | 6-32 | 45,2 | II | -40 - 105 | Article 4, Paragraph 3 |
| EVRP | 1,4 to 3,0 | 8-10 | 35 | II | -40 - 70 | Article 4, Paragraph 3 |
| | 6 | 12 | 28 | II | -40 - 120 | Article 4, Paragraph 3 |
| | 10 | 10 | 42 | II | -40 - 120 | Article 4, Paragraph 3 |
| EVU | 1 to 8 | 6-12 | 70 | II | -40 - 105 | Article 4, Paragraph 3 |
| EVUL | 1 to 8 | 6-12 | 90 | I**,II | -40 - 105 | Article 4, Paragraph 3 |
| EVO | 102, 202 | 4-8 | 42,5 | II | -40 - 105 | Article 4, Paragraph 3 |

| | | | |
|---|---|---|--|
| Date: 2019.05.29 Place of issue: Kolding, Denmark | Issued by  Signature: Name: Per Brüggert Title: Design Engineer | Date: 2019.05.29 Place of issue: Kolding, Denmark | Approved by  Signature: Name: Jesper Kirkegård Title: Engineering Director |
|---|---|---|--|

Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation

| | | | | | | |
|----------|-----------|-------|------|----|-----------|------------------------|
| AKV | 10-1 to 6 | 10-12 | 52 | II | -50 - 60 | Article 4, Paragraph 3 |
| | 10-7 | 12-16 | 42 | II | | Article 4, Paragraph 3 |
| | 15-1/2/3 | 18-28 | 46 | II | | Article 4, Paragraph 3 |
| | 15-4 | 18-28 | 46 | II | | Article 4, Paragraph 3 |
| | 20-1 to 5 | 32 | 28 | II | -40 - 60 | Article 4, Paragraph 3 |
| AKVH | 10-1 to 6 | 10-12 | 90 | II | -50 - 60 | Article 4, Paragraph 3 |
| AKVO | 10 | 10-16 | 28 | II | -50 - 60 | Article 4, Paragraph 3 |
| AKV 10P | 10P0 to 7 | 10-16 | 90 | II | -50 - 60 | Article 4, Paragraph 3 |
| AKV 10PS | 10P4 to 7 | 10-16 | 90 | II | -50 - 60 | Article 4, Paragraph 3 |
| EVUB | - | - | 45,2 | II | -40 - 105 | Article 4, Paragraph 3 |
| EVUF | - | - | 45.2 | II | -40 - 105 | Article 4, Paragraph 3 |
| EVRC | 10 | 12 | 35 | II | -40 - 105 | Article 4, Paragraph 3 |
| | 15 to 20 | 16-22 | 32 | II | | Article 4, Paragraph 3 |

* Fluid Group I only includes R290, R600a, R600, R32, R1234yf, R152a for EVR2-22 with solder connection and without manual stem.

** Fluid Group I only includes R290.