

ENGINEERING
TOMORROW

Danfoss

SNV gauge valves for India

Reliable performance under high pressure with Danfoss SNV gauge valves

Ready for CO₂ and
future high pressure
refrigerants with
maximum working
pressure of

52 bar



www.danfoss.com/IR

Features:

- Suitable for "heavy duty" industrial applications having a very sturdy and safe design including high pressures and wide temperature range.
- The SNV-ST and SNV-SS valves have back seating (metal to metal).
- Compact and light valve for easy handling and installation.
- No special flow direction required.
- Provide high flow characteristics.
- Each valve type is clearly marked with type and size.
- Housing material is low temperature steel (stainless steel for SNV-SS) according to requirements of the Pressure Equipment Directive and other international classification authorities.
- Valve safety is enhanced with the spindle being secured such that it cannot be unscrewed.

Technical data:

- **Refrigerants**
Applicable to all common refrigerants including R717 and R744 (CO₂) and non corrosive gases/ liquids. For further information please see installation instruction for SNV-ST.
- **Temperature range**
–60/+150°C (–76/+302°F).
- **Pressure range**
The SNV gauge valves are designed for: Maximum operating pressure of 52 bar g (754 psig). Valves for higher operating ressure available on request.
- **Connections**
Available with the following connections:
 - » CD Cutting ring
 - » MPT Male NPT ANSI
 - » FPT Female NPT ANSI
 - » G
 - » W Welding connection
- **Material:**
 - » Housing: made of special steel, approved for low temperature operations.
 - » Spindle: equipped with stainless steel spindle.



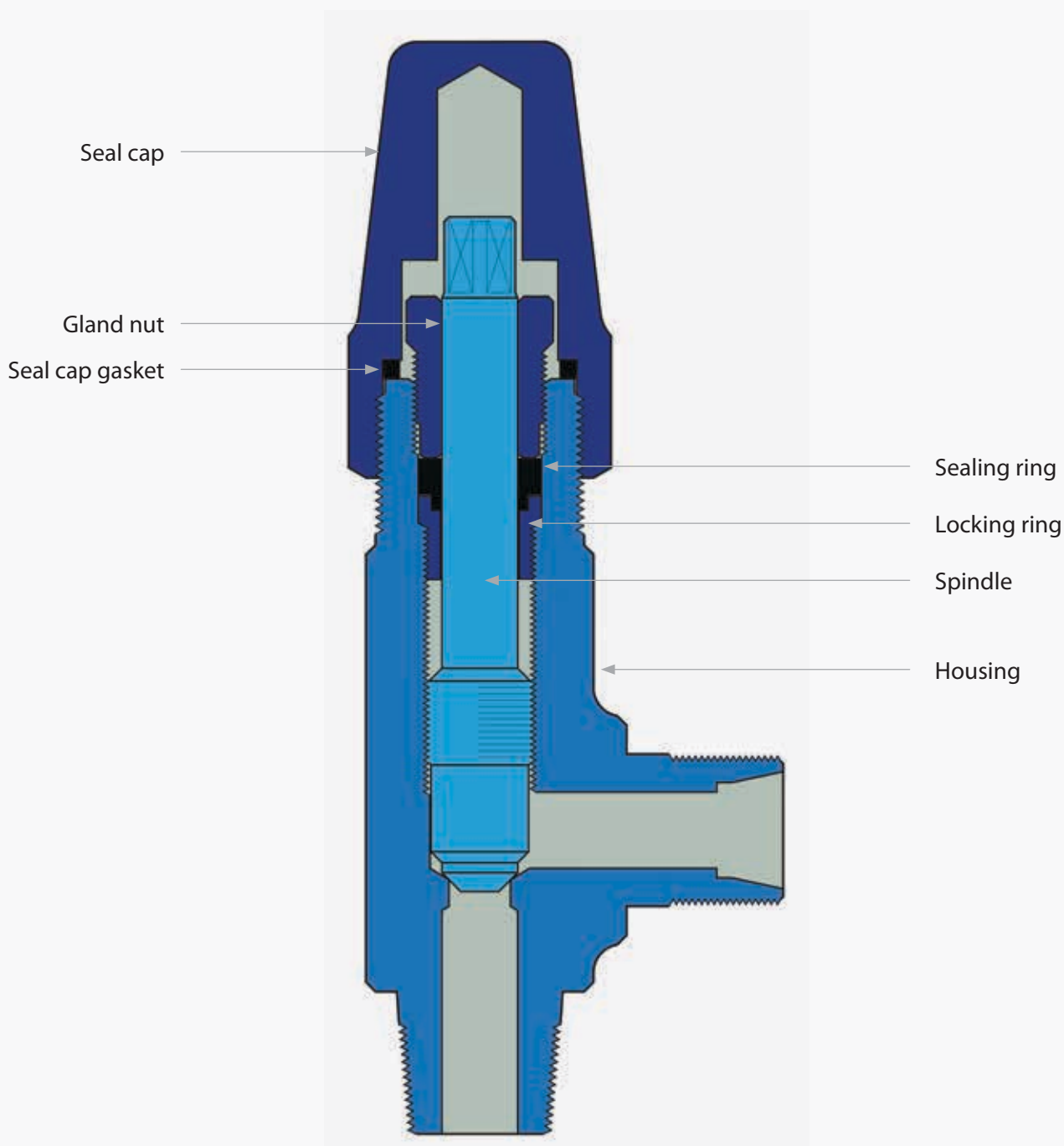
Ordering Codes

Serial no.	Code no.	Description
1	148B3739	SNV-ST G1/2-W1/2 L100 only for LLG
2	148B3740	SNV-ST CD10-CD10 SNV gauge valve
3	148B3741	SNV-ST CD10-1/4MPT SNV gauge valve
4	148B3742	SNV-ST CD6-1/4MPT SNV gauge valve
5	148B3743	SNV-ST CD10-3/8MPT SNV gauge valve
6	148B3744	SNV-ST CD6-3/8MPT SNV gauge valve
7	148B3745	SNV-ST G1/2-G1/2 SNV gauge valve
8	148B3746	SNV-ST 1/4FPT-1/4MPT SNV gauge valve
9	148B3747	SNV-ST 3/8FPT-3/8MPT SNV gauge valve
10	148B3768	SNV-ST CD10-W1/2 L100 SNV gauge valve
11	148B3769	SNV-ST G1/2-W1/2 L100 SNV gauge valve
12	148B3778	SNV-ST G1/2 MAN SNV gauge valve
13	148B4177	I-PACK(30) SNV-ST CD10-CD10
14	148B4179	I-PACK(30) SNV-ST G1/2-G1/2
15	148B4180	I-PACK(30) SNV-ST 1/4FPT-1/4MPT
16	148B4181	I-PACK(30) SNV-ST 3/8FPT-3/8MPT
17	148B4209	I-PACK(30) SNV-ST G1/2-Ø12/8
18	148B4210	I-PACK(30) SNV-ST CD10-W1/2 L100
19	148B4211	I-PACK(30) SNV-ST G1/2-W1/2 L100
20	148B4218	I-PACK(30) SNV-ST G1/2-W1/2 L50
21	148B4219	I-PACK(30) SNV-ST G1/2-W1/2 L125
22	148B4223	I-PACK(30) SNV-ST 1/4FPT-1/4FPT
23	148B4224	I-PACK(30) SNV-ST 1/2MPT-1/2MPT
24	148B4225	I-PACK(30) SNV-ST 3/8FPT-3/8FPT
25	148B4226	I-PACK(30) SNV-ST 1/2MPT-3/8FPT
26	148B4227	I-PACK(30) SNV-ST Rc3/8-R3/8
27	148B4228	I-PACK(30) SNV-ST Rc1/4-R3/8
28	148B4229	I-PACK(30) SNV-ST Rc1/4-R1/4
29	148B4230	I-PACK(30) SNV-ST 7/16UNF-1/4MPT
30	148B4232	I-PACK(20) SNV-ST 1/4FPT-1/4MPT L100
31	148B4233	I-PACK(30) SNV-ST 3/8FPT-1/2MPT
32	148B4263	I-PACK(30) SNV-SS G1/2-W1/2 L50
33	148B4264	I-PACK(30) SNV-SS G1/2-W1/2 L150
34	148B4386	I-PACK(30) SNV-ST Rc3/8-R3/8
35	148B4408	SNV-ST 1/4FPT-W1/2 L, h.wheel I-pack 30
36	148B4495	I-PACK (20) SNV-ST 1/4FPT- W1/2 L=100



Cut Section

SNV-ST with special pressure gauge connection



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