

ENGINEERING
TOMORROW

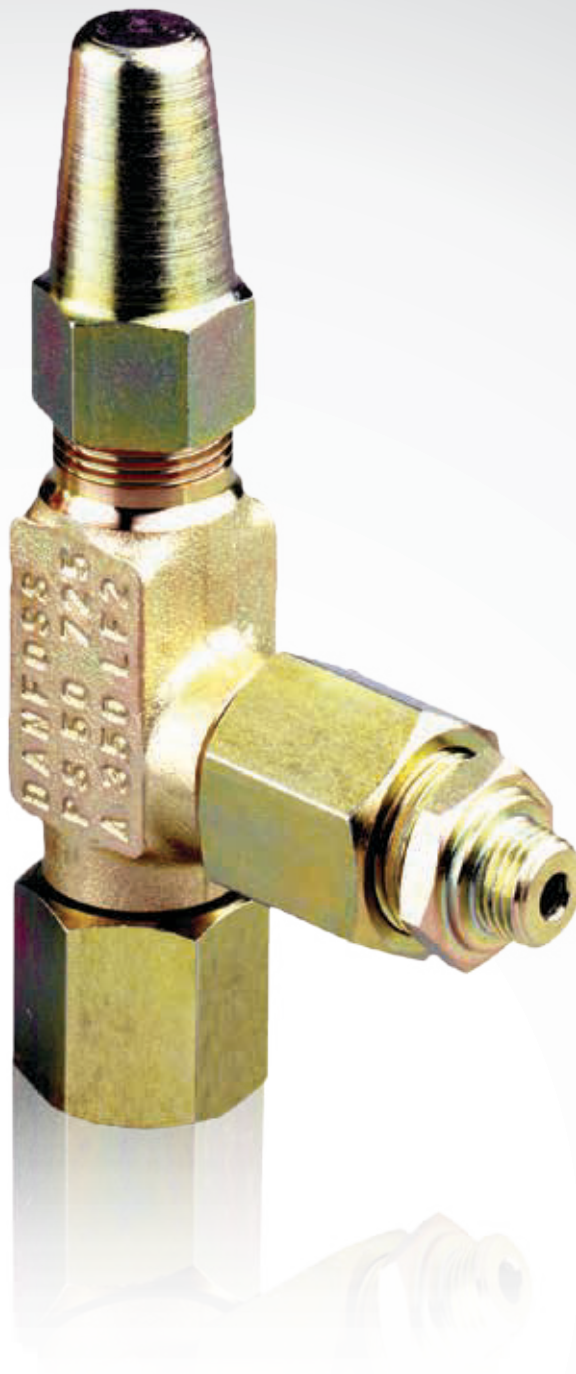
Danfoss

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.



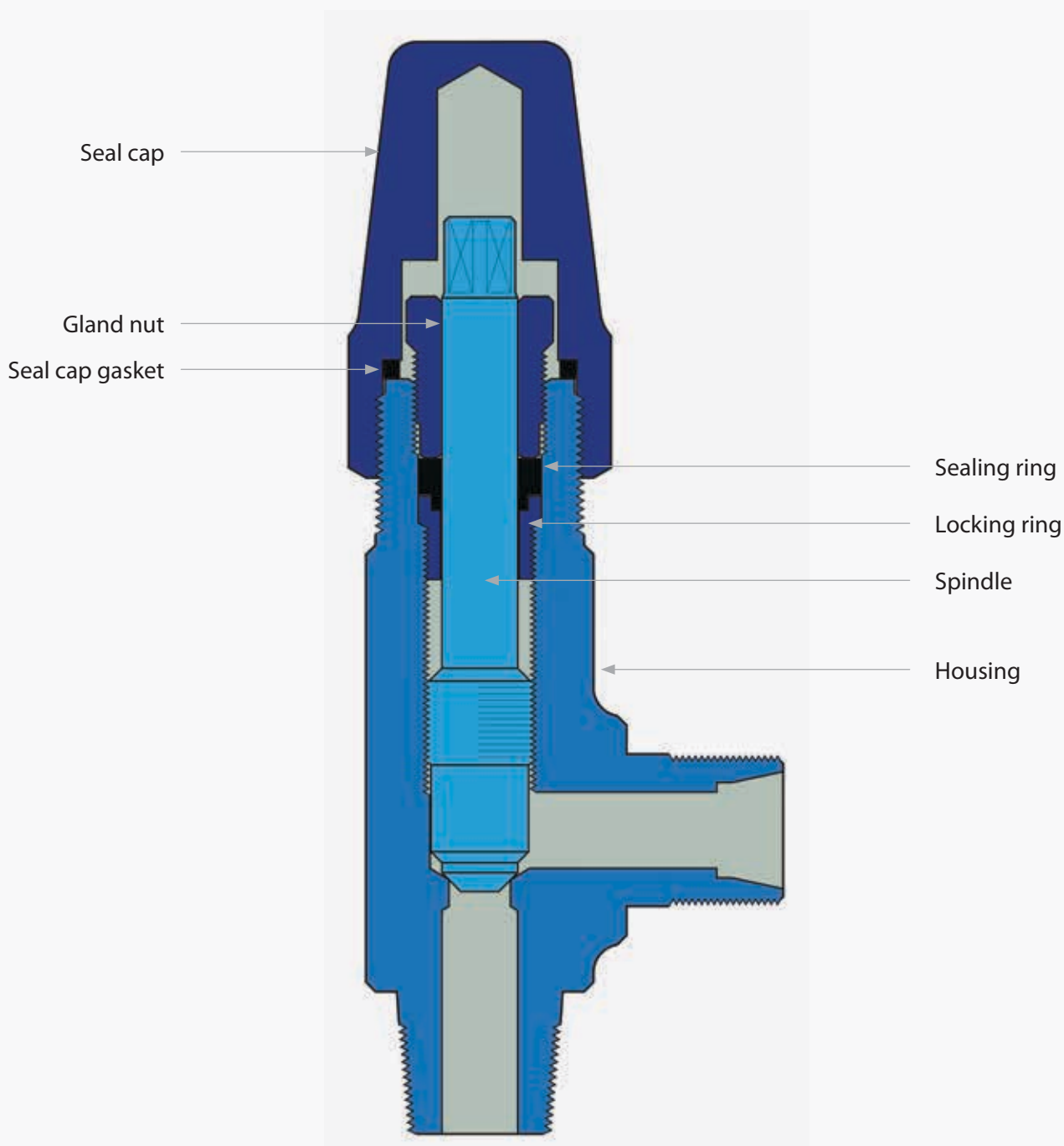
Ordering Codes

| 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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