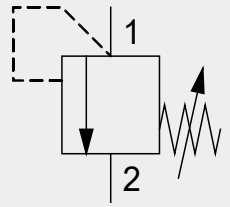


Pressure relief valve DB12-FT



Directly operated
Max. operating pressure 350 bar
Max. flow rate up to 100 l/min



090150_DB12_FT
02.2026

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Characteristics

- Screw-in pressure relief valve with damping piston
- Available preset
- Low vibration
- Maintenance-free

Technical data

Hydraulic characteristics

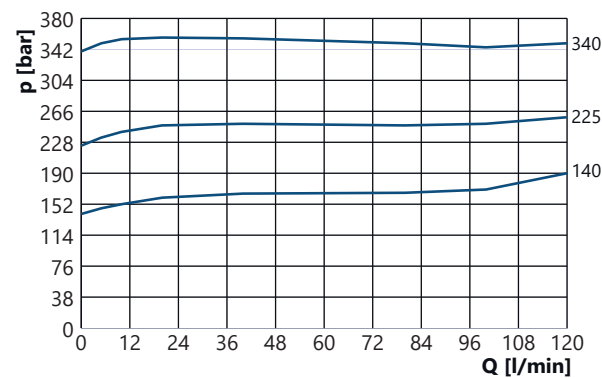
Max operating pressure:	350 bar
Rated flow rate:	100 l/min
Pressure setting range:	10 - 350 bar
Flow direction:	1 (P) to 2 (T) pressure limiting function
Operating fluids:	Mineral oils according to DIN 51524, others on request
Viscosity range:	10 - 350 cSt
Filtration:	Oil purity according to ISO 4406 (1999) 18/16/13, filter with $\beta_{5(c)} > 200$

Mechanical characteristics

Design:	DB12-FT-XWN: Sealed screw-in valve, DB12-FT-LWN: Freely adjustable screw-in valve
Fluid temperature:	-20 °C to +85 °C
Ambient temperature:	-40 °C to +80 °C
Storage temperature:	-30 °C to +60 °C (non-condensing)
Installation position:	Any
Weight:	0.45 kg
Materials:	Valve parts: Steel Seals: NBR, PTFE
Surface protection:	Exterior parts: Galvanized steel

Characteristic curves

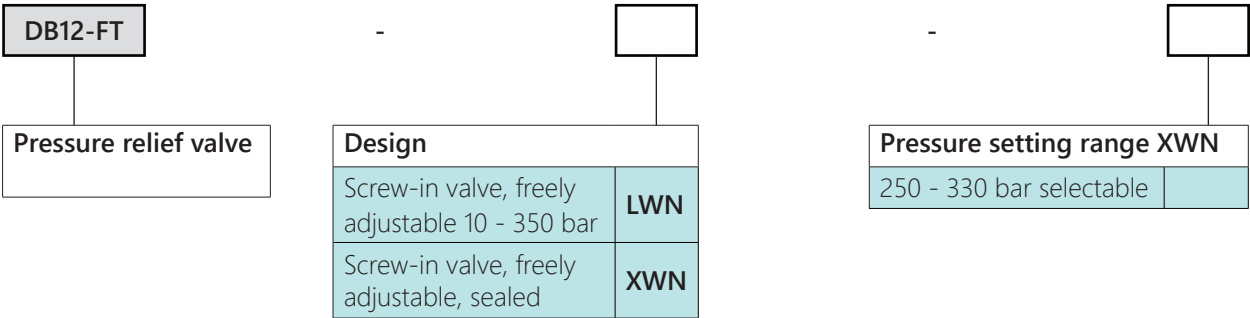
Pressure characteristic curve (p/Q) DB12-FT



Measurement conditions

Oil: HLP 32, temperature: 40 °C (~32 cSt).
Higher viscosities change the characteristic curves.

Type code



Accessories and further information

Accessories/ spare parts	Article: Seal kit DB12-FT (NBR)	Material number: 405.0084
Operating manual	Information regarding assembly, commissioning and maintenance is available in the "General information" section in the "General Operating Manual" category or on request.	

 Standard program



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Subject to changes