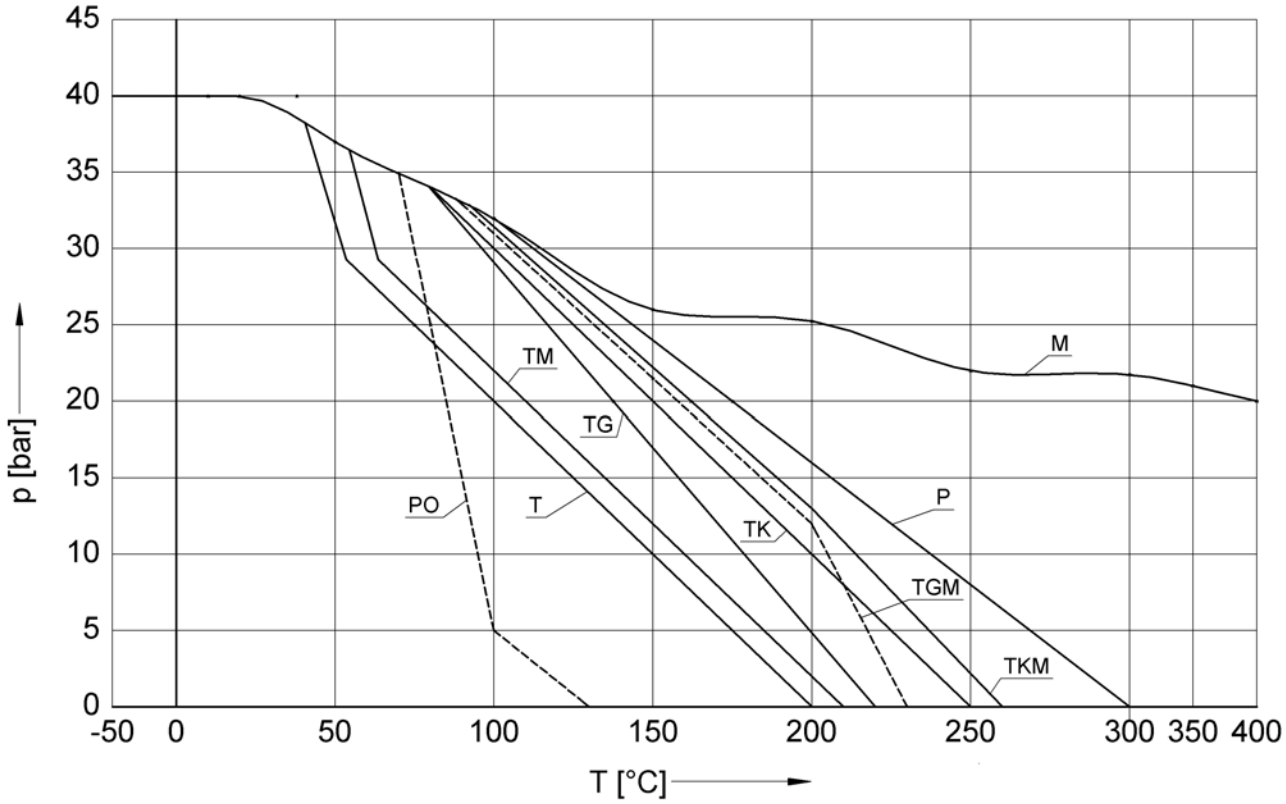
Pressure-temperature diagram DN80-300

Pressure-temperature diagram DN80-150

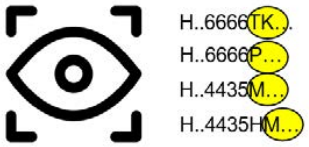
NOTICE **Pressure-temperature range diagram**

The pressure-temperature range diagrams show the limits of use of the various seat ring options. These limits apply to the intended use. Process variables and properties of the medium can influence the values in the diagram.

If resistance to intergranular corrosion is required, the application temperature must not exceed 300 ° C.



M	Metal seat	TK	PTFE / carbon seat
P	PEEK seat	TM	PTFE seat + Metall seat
PO	POM seat	TGM	PTFE / glass seat + Metal seat
T	PTFE seat	TKM	PTFE / carbon seat + Metal seat
TG	PTFE / glass seat		



The maximum differential pressure for PEEK or POM seats is 5 bar if the valve is used against the recommended flow direction.

Metal seat	
Seat Leakage	DIN 3230-BO2 > 2 EN 12266-P12 > B

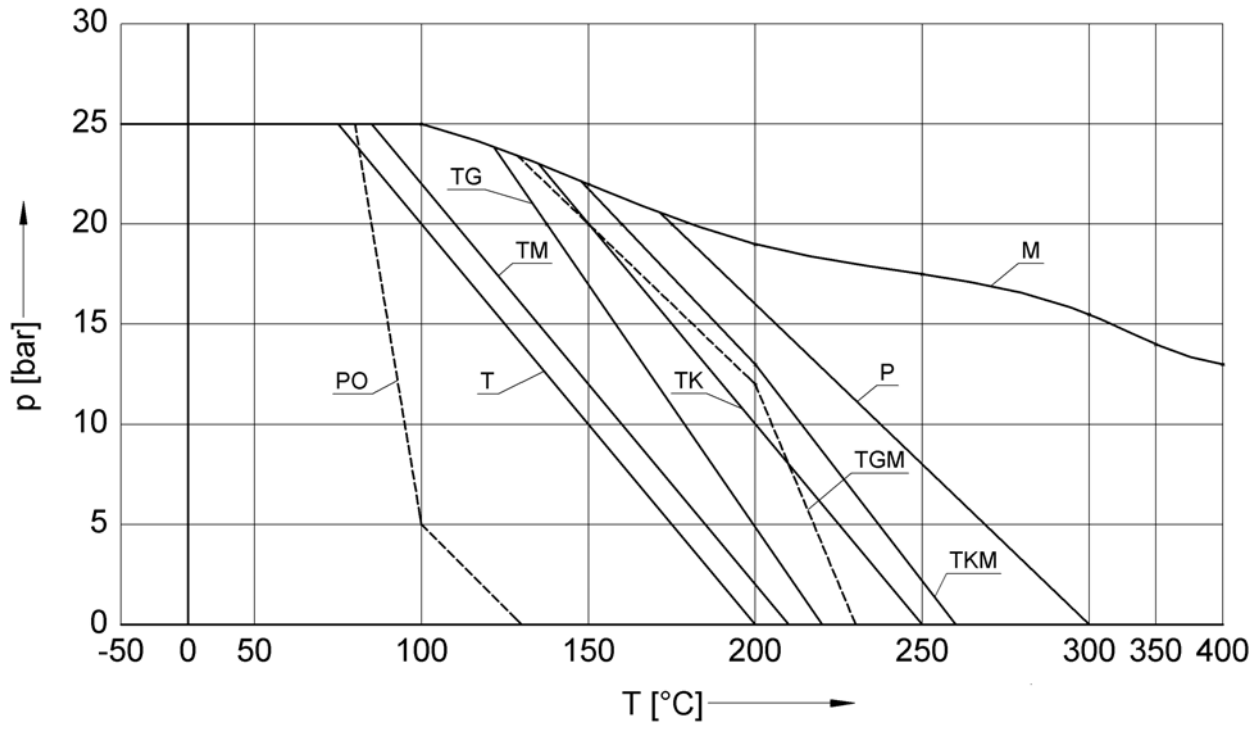
PTFE seat and similar materials	
Seat Leakage	DIN 3230-BO2 > 1 EN 12266-B12 > A

Pressure-temperature diagram DN200-300

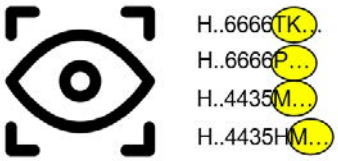
NOTICE **Pressure-temperature range diagram**

The pressure-temperature range diagrams show the limits of use of the various seat ring options. These limits apply to the intended use. Process variables and properties of the medium can influence the values in the diagram.

If resistance to intergranular corrosion is required, the application temperature must not exceed 300 ° C.



M	Metal seat	TK	PTFE / carbon seat
P	PEEK seat	TM	PTFE seat + Metall seat
PO	POM seat	TGM	PTFE / glass seat + Metal seat
T	PTFE seat	TKM	PTFE / carbon seat + Metal seat
TG	PTFE / glass seat		



The maximum differential pressure for PEEK or POM seats is 5 bar if the valve is used against the recommended flow direction.

Metal seat	
Seat Leakage	DIN 3230-BO2 > 2 EN 12266-P12 > B

PTFE seat and similar materials	
Seat Leakage	DIN 3230-BO2 > 1 EN 12266-B12 > A