

TECHNICAL DATA

Butterfly valve | PTFE-lined | series K

Pressure and temperature range diagram

Control range

20° – 60° opening angle

Valves DN 50 to DN 500

max. differential pressure 10 bar

Vacuum-tight

DN 50 – to DN 300: up to 1 mbar(a)
from DN 350 to 200 mbar(a) for the
temperature range -10 °C to +100 °C

PTFE (polytetrafluorethylene) with EPDM elastomer

Operating temperature:

-20 °C to +130 °C

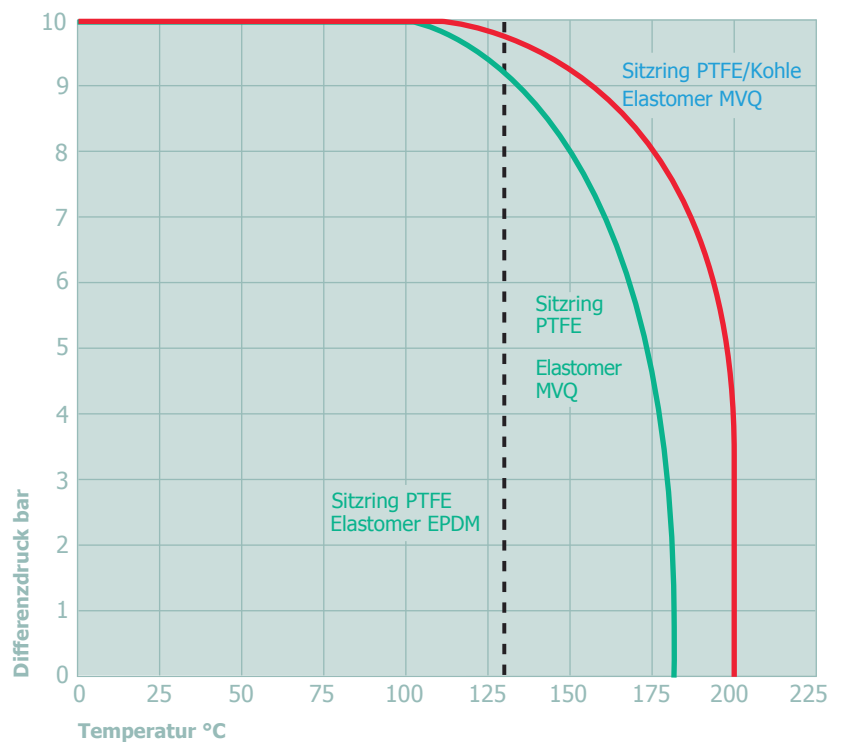
with MVQ or FPM elastomer

Operating temperature: up to +180 °C

PTFE / carbon

(Reinforced polytetrafluorethylene
with a carbon content of 25 % as filler
material) with silicone elastomer

Operating temperature: up to +200 °C



The pressure and temperature range diagram shows the application limits of the different seat ring materials.

These limits apply to the intended use. Process variables and characteristics of the medium can influence the values of

the diagram. Temperatures below 0 °C upon request.

Available materials

Code	Body
22	Grey cast iron GG25 / EN GJL-250
24	Ductile iron GGG40.3 EN-GJS-400-18-LT
44	Cast steel GS-C25 / EN GP 240 H+N
66	Stainless steel 1.4408
6A	Stainless steel 1.4408

Code	Valve disc
66	Stainless steel 1.4517
31	Stainless steel 1.4517, poliert
69	1.4529
77	PTFE lined
76	PFA lined
75	PTFE, conductive, lined
93	Alloy C22
94	Titanium

Code	Seat ring
T	PTFE
TK	PTFE/carbon
TT	PTFE pharmaceutical version/cavity-free
TL	PTFE, conductive
TF	TFM
U	UHMWPE
TLT	PTFE, conductive, cavity-free