

Design	Standard				High Pressure		OS&Y				Bellows Seal		ASME B31.1	O-Ring FKM Seal
Type Valve Head Unit*)	OTE-SA	OTE-SW	OTE-SB	OTE-SF	OTE-SA-P7	OTE-SB-P7	OTF-SA	OTF-SW	OTF-SB	OTF-SF	2	4	P	K
Packungssystem	PTFE	PTFE/ PTFE carbon filled	Graphite	Graphite	PTFE	Graphite	PTFE	PTFE/ PTFE carbon filled	Graphite	Graphite	Bellows with safety packing gland	Bellows with safety packing gland	Graphite	O-Ring Seal
max. Pressure	420 bar	420 bar	420 bar	420 bar	689 bar	500 bar	420 bar	420 bar	420 bar	420 bar	100 bar	250 bar	413 bar	420 bar
max. temperature ranges														
Standard	-40°C to +232°C	-50°C to +232°C	-40°C to +538°C	-50°C to +450°C	-40°C to +232°C	-40°C to +538°C	-40°C to +232°C	-50°C to +232°C	-40°C to +538°C	-50°C to +450°C	-40°C** to +538°C	-40°C to +538°C	-40°C to +538°C	-20°C to +200°C
Performance data according to ISO 15848-1 / TA-Luft 2021														
Tightness class A														
temperature range	-29°C to RT	-50°C to 200°C	-29° to RT	-50°C to 400°C				-50°C to RT		-50°C to 400°C	Fulfils the requirements of TA-Luft without verification	Fulfils the requirements of TA-Luft without verification	-	-
number of cycles	205	205	205	205	-	-	-	205	-	205				
Tightness class B														
temperature range	-29°C to 82°C	-	-	-				RT to 200°C	-	-	Fulfils the requirements of TA-Luft without verification	Fulfils the requirements of TA-Luft without verification	-	-
number of cycles	205							205						
certificates														
Firesafe ISO 10497 and API 607			✓	✓					✓	✓				
Options														
Anti-Tamper Valve Head Unit (Optionscode T or R)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Soft Tip of PCTFE or POM (Optionscode F or G)	✓	✓	-	-	-	-	✓	✓	-	-	-	-	-	✓
Panel Mount Option (Optionscode C)	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
Lockingplate (Optionscode J)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓
Handwheel (Optionscode W)	✓	✓	✓	✓	-	-	✓	✓	✓	✓	-	-	✓	✓
DN 10	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Arctic Operation -55°C (Optionscode K)	✓	✓	-	✓	✓	-	✓	✓	-	✓	-	-	-	-

*) Basic type in stainless steel
 **) with Option for -196°C