

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
packing system	PTFE	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	6.092 psi	3.002 psi	6.092 psi	6.092 psi	6.092 psi	9.993 psi	7.252 psi	6.092 psi	6.092 psi	6.092 psi	6.092 psi	1.450 psi	3.626 psi	5.990 psi	6.092 psi
max. temperature ranges															
Standard	-40°F to +450°F		-58°F to +450°F	-40°F to +1.000°F	-58°F to +842°F	-40°F to +450°F	-40°F to +1.000°F	-40°F to +450°F	-58°F to +450°F	-40°F to +1.000°F	-58°F to +842°F	-40°F** to +1.000°F	-40°F to +1.000°F	-40°F to +1.000°F	-40°F to +392°F
Performance data according to ISO 15848-1 / TA-Luft 2021	Helium	Methan													
Tightness class A															
temperature range	-20°F to RT	-20°F to 200°F	-58°F to 392°F	-20°F to RT	-58°F to 752°F				-58°F to RT		-58°F to 752°F	Fulfils the requirements of TA-Luft without verification	Fulfils the requirements of TA-Luft without verification	-	-
number of cycles	205	1.500	205	205	205	-	-	-	205	-	205				
Tightness class B															
temperature range	-20°F to 180°F		-	-	-				RT to 392°F		-				
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 -67°F (Optionscode K)	✓	✓	✓	-	✓	✓	-	✓	✓	-	✓	-	-	-	-

*) Basic type in stainless steel
 **) with Option for -321 °F