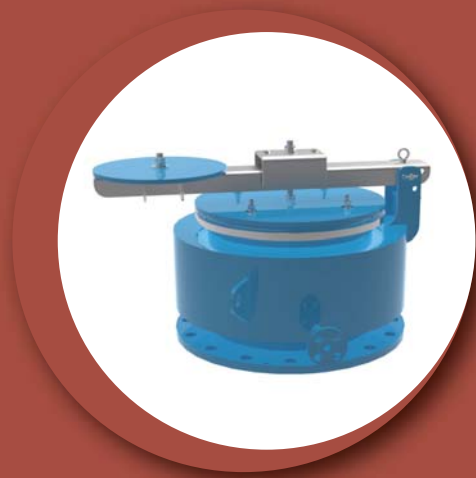




SECTION 4.4_KSEPKJ

HINGED EMERGENCY RELIEF VALVE PRESSURE RELIEF WITH STEAM JACKET



INTRODUCTION



The model KSEPKJ is designed to provide emergency pressure relief for storage tanks when exposed to overpressures that are not handled by standard tank vents. These vents provide the capacity to meet API standard 2000 for emergency venting due to fire exposure when properly sized. These covers also provide quick easy access for tank inspection and maintenance.



Setting Pressure

KSEPKJ Permanent Setting	Min. 50 mmW.C ~ Max. 700 mmW.C
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Body Materials Carbon Steel, SS304 and SS316 with various trims
(Different materials available on request)



Sizes range DN 500 and DN 600 with ASME 150Lb or API 650 flanges
(Different connections available on request)



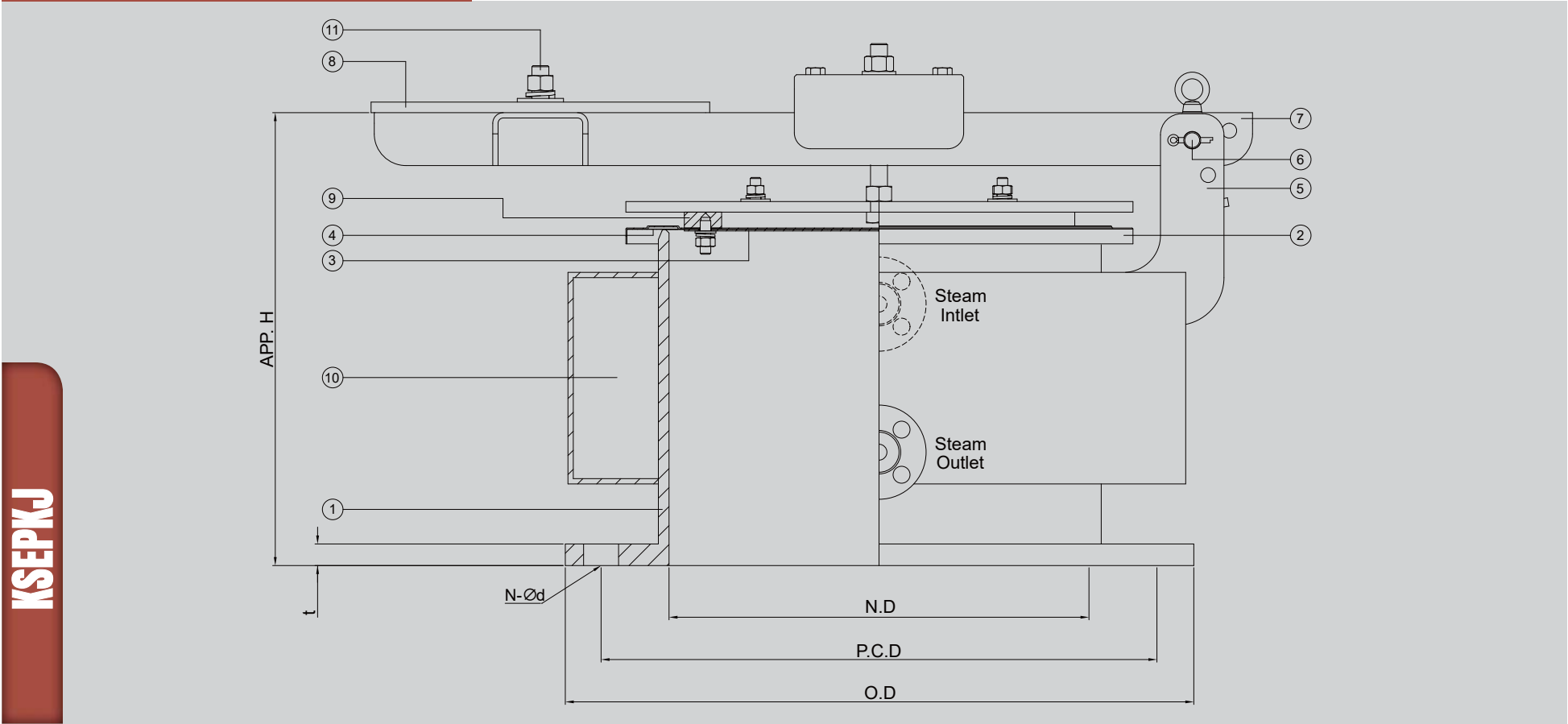
Rules & Certifications API 2000



APPLICATION



 OUTLINE DRAWING



 DIMENSION TABLE

SIZE		20"	24"
N.D		500	600
O.D	API 650	650/660	750/762
	ASME 150#	700	815
App. H	MIN.	450	450
	MAX.	500	500
P.C.D	API 650	596.9 / 590 / 597	698.5 / 690 / 699
	ASME 150#	635	749.3
N-Ød	API 650	16-Ø19 / 16-Ø20	20-Ø19 / 20-Ø20
	ASME 150#	16-Ø32	20-Ø35
t		18	18

NOTE Certified dimensions available upon request (STD : API650).

 COMPONENT MATERIAL

ITEM NO	COMPONENT	BODY	CARBON STEEL	SS304	SS316L
		TRIM	SS304	SS304	SS304/SS316/SS316L
1	BODY		SS275	SS304	SS316L
2	DISC		SS304	SS304	SS316L
3	DISC PLATE		SS304	SS304	SS316L
4	DIAPHRAGM		FEP+PTFE (NOTE)		
5	HINGE		SS275	SS304	SS316L
6	HINGE PIN		SS304	SS304	SS316
7	ARM		SS275	SS304	SS316L
8	LOADING WEIGHT		SS275	SS275	SS275
9	BASE RING		SS275	SS275	SS275
10	STEAM JACKET		SS275	SS304	SS316L
11	BOLT/NUT		SS304	SS304	SS316

NOTE Other materials are available upon request.