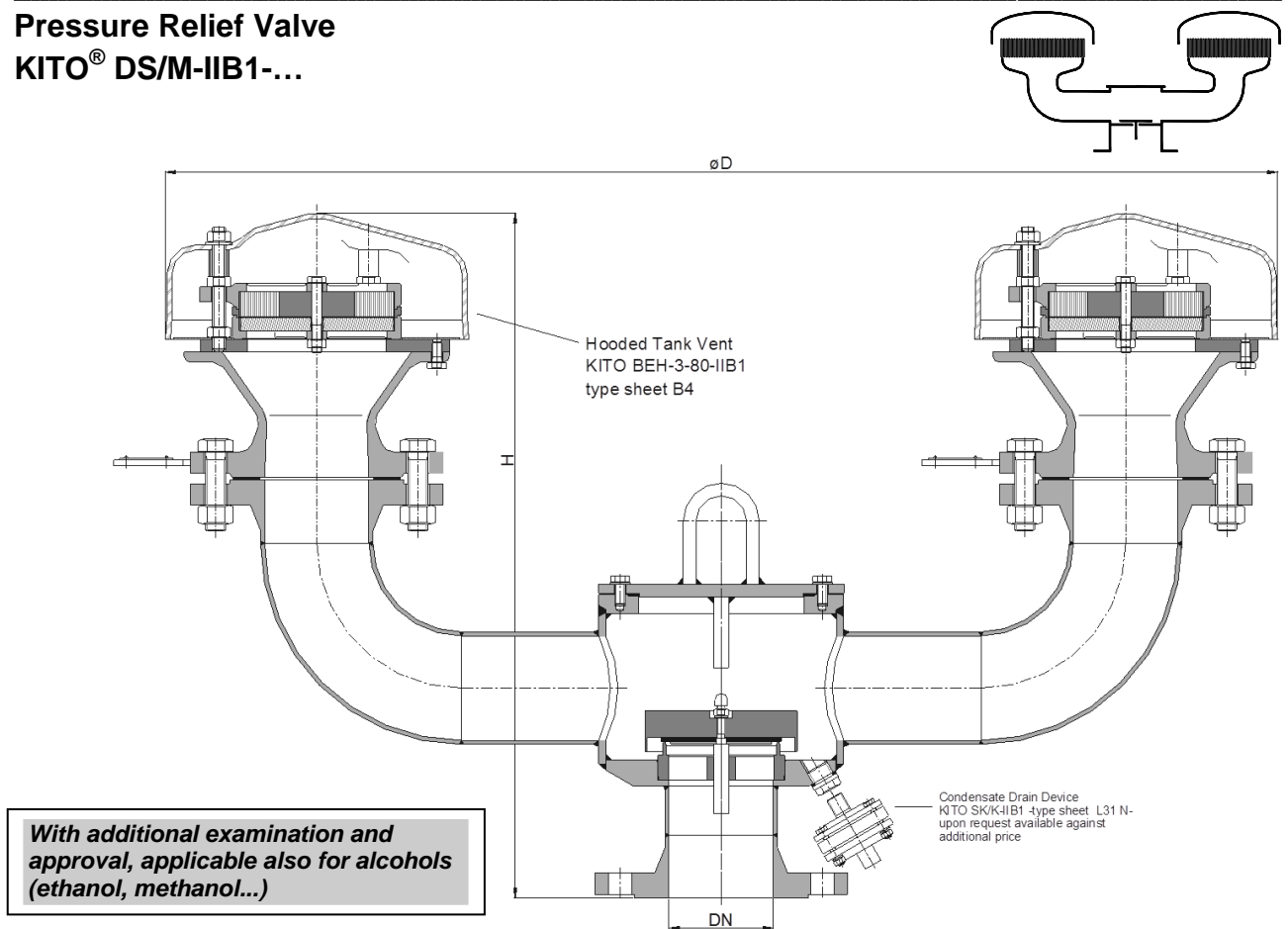
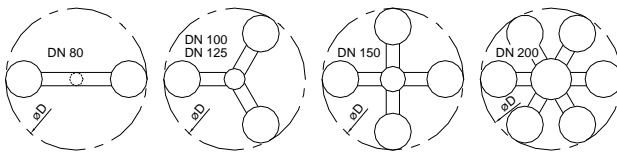


Pressure Relief Valve KITO® DS/M-IIB1-...



Arrangement of the flame arrester elements



Type examination certificate to DIN EN ISO 16852 and CE -designation in accordance to ATEX-Guideline 94/9/EC for KITO® BEH-3-80-IIB1 and KITO® SK/K-IIB1.

DN		D	H	number of KITO® BEH-3-80-IIB1	kg*	setting (mbar)	
DIN	ANSI					min.	max.
80	PN 16	3"	855	545	2	2.0	115
100	PN 16	4"	950	570	3	2.0	110
150	PN 16	6"	1110	605	4	2.6	93
200	PN 10	8"	1470	630	6	2.3	115

Dimensions in mm

* Indicated weights are understood without weight load and refer to the standard design.

Standard valve setting 10-30 mbar -different settings against additional price-

Design subject to change

performance curves: C 0.9.9 N

Standard design

housing / cover : steel, stainless steel mat. no. 1.4571
gasket : HD 3822, PTFE
valve seat / spindle : stainless steel mat. no. 1.4571
design valve pallet : orifice plate
valve sealing : NBR, Viton, PTFE
flange connection : DIN EN 1092-1 form B1, ANSI 150 lbs. RF

Design KITO® BEH-3-80-IIB1

housing : 1.0619, mat. no. 1.4408
KITO® flame arrester element : completely interchangeable
KITO® casing : mat. no. 1.4408
KITO® grid : mat. no. 1.4310 / 1.4571
weather hood : PMMA
protective screen : PA6
flange connection : DIN EN 1092-1 form B1, ANSI 150 lbs. RF

Application

As an end-of-line flame arrester element to protect vent openings of storage tanks. Explosion and endurance burning proof for all inflammable liquids and vapors of explosion group IIB1 and also for alcohols with a maximum experimental safe gap (MESG) ≥ 0.85 mm.

This device is not permitted to be installed in enclosed areas. Installation on top of storage tanks, tank access covers or breather pipes.

The PRV allows the passage of hazardous excess pressure but will minimize the loss of gas/vapours depending on valve adjustment. Usually mounted on the top of the tank in conjunction with a vacuum relief valve.

An explosion proof condensate drain is also available for this model at extra cost.