

### SpeedWey HSI High Speed Isolation Valve

#### Explosions

Isolates within milliseconds to protect human life & facilities

– Flange Connection EN 1092 / ISO 7005 (DIN 2501)

– DN 100–400 PN 16

P-Nominal max. 16 bar/230 psi (explosion pressure-resistant)

P-Explosion max. 24 bar/350 psi (explosion pressure shockresistant)

P-Container max. 6–8 bar/90–115 psi

P-Control max. 2–4 bar/30–60 psi

– Explosion nominal data

Inner area (inside the pipeline)

II 1D 1G IIA 135°C (Zone 20, 0)

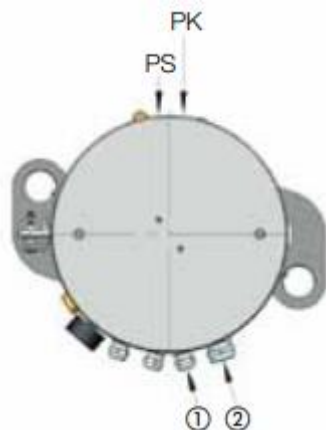
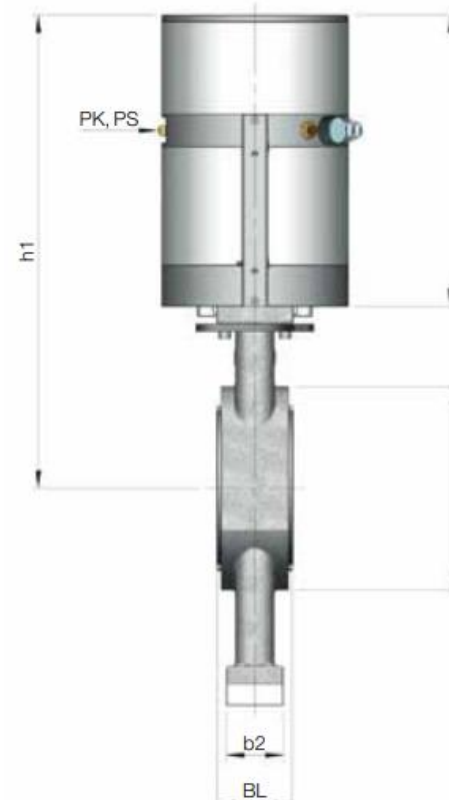
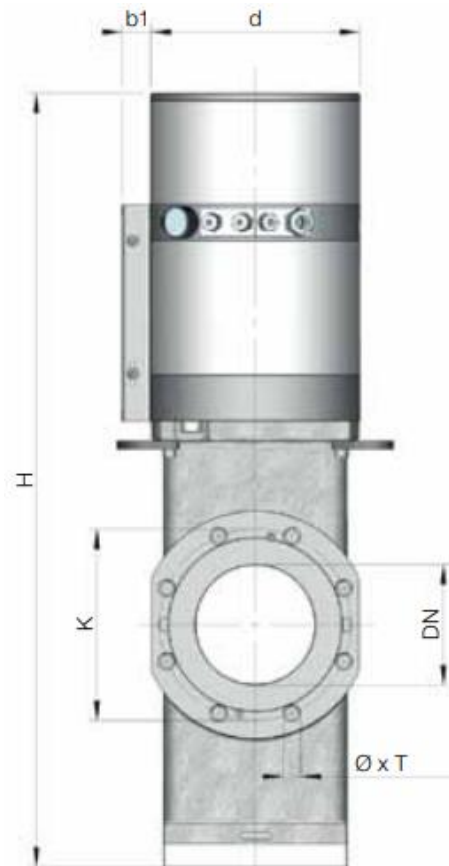
Outer area (surrounding the valve)

II 3D 3G IIB 135°C (Zone 22, 2)

Explosive atmosphere

Dust/air mixtures ST1-ST2, KST max. 300 bar m/s

Gas/air mixtures (group IIA) KG max. 500 bar m/s



① EMV Cable-gland  $\varnothing$  6-10

② EMV Cable-gland  $\varnothing$  14-18

DN	D	K	BL	H	h1	h2	d	b1	b2	Ø	T	Bolts	PK	PS	Closing time ts*	Weight
100	220	180	86	761	550	359	210	35	35	M16	24	8 pcs.	G1/8"	G1/8"	23 ms	47 kg
150	285	240	106	970	666	411	262	35	35	M20	27	8 pcs.	G1/8"	G1/8"	26 ms	75 kg
200	340	295	112	1166	773	465	312	35	35	M20	30	12 pcs.	G1/8"	G1/8"	34 ms	132 kg
250**	405	355	130	1390	915	519	365	35	100	M24	34	12 pcs.	G1/8"	G1/8"	36 ms	512 kg
300**	475	410	134	1580	1024	570	415	35	100	M24	34	12 pcs.	G1/8"	G1/8"	44 ms	280 kg
400**	580	525	154	2077	1352	711	520	35	140	M27	38	16 pcs.	G1/8"	G1/8"	58 ms	570 kg

\* at 6 bar/90psi

\*\* inclusive internal booster