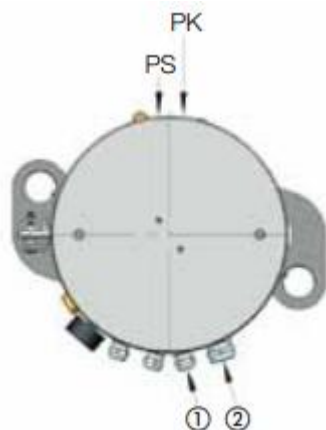
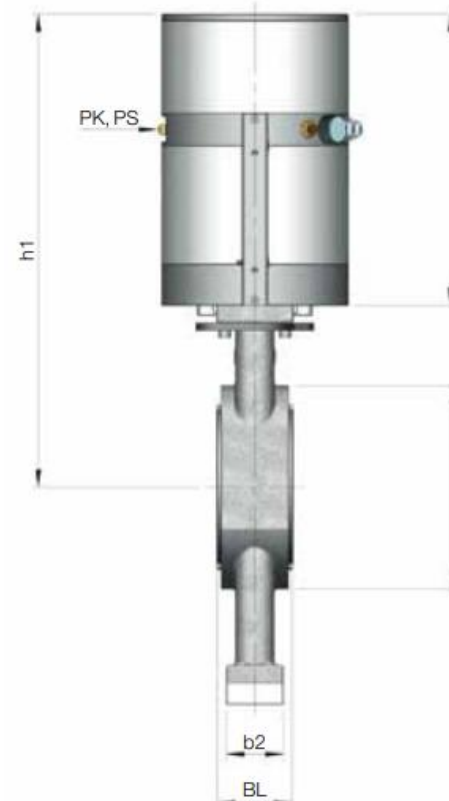
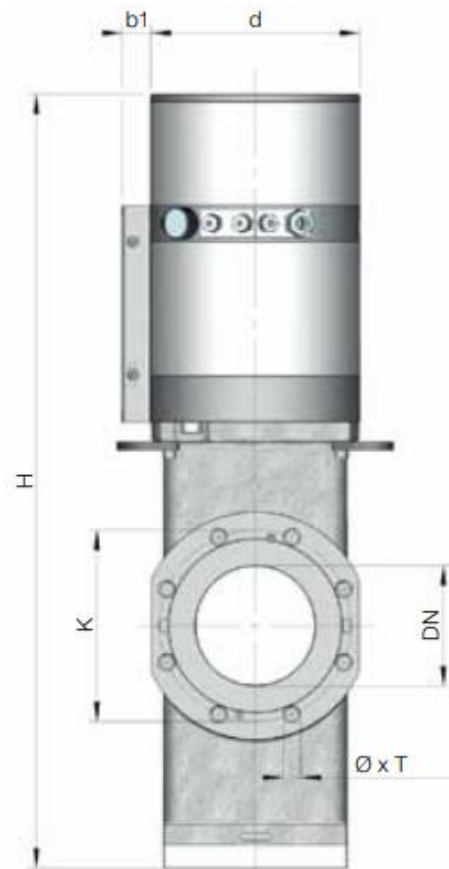


SpeedWey HSI High Speed Isolation Valve

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/90–120 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	770	550	359	210	35	70	M16	24	8 pcs.	G1/8"	G1/8"	23 ms *	47 kg
150	285	240	106	970	666	411	262	35	80	M20	27	8 pcs.	G1/8"	G1/8"	26 ms *	75 kg
200	340	295	112	1154	771	463	312	35	80	M20	30	12 pcs.	G1/8"	G1/8"	34 ms *	132 kg
250***	405	355	130	1428	948	550	370	35	100	M24	34	12 pcs.	G1/8"	G1/8"	32 ms **	215 kg
300***	475	410	134	1615	1060	602	420	35	100	M24	34	12 pcs.	G1/8"	G1/8"	38 ms **	280 kg
400***	580	525	154	2075	1350	709	524	35	140	M27	38	16 pcs.	G1/8"	G1/8"	53 ms **	570 kg

* at 6 bar/90 psi

** at 8 bar/120 psi

*** inclusive internal booster