

## SpeedWey HSI High Speed Isolation Valve

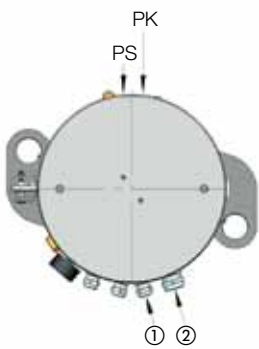
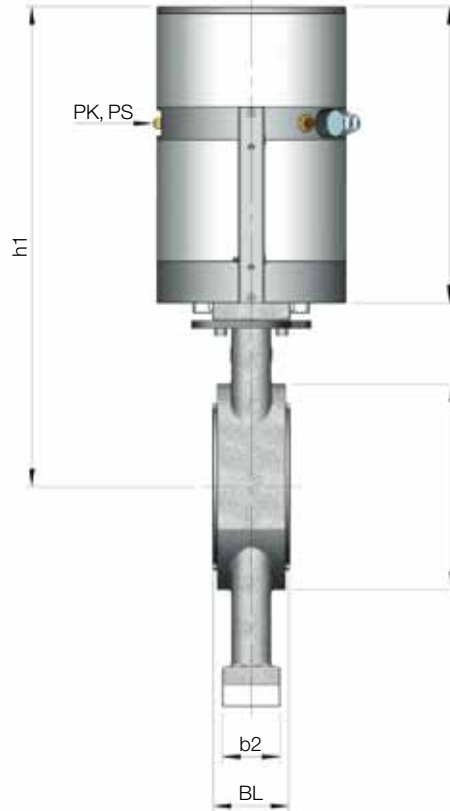
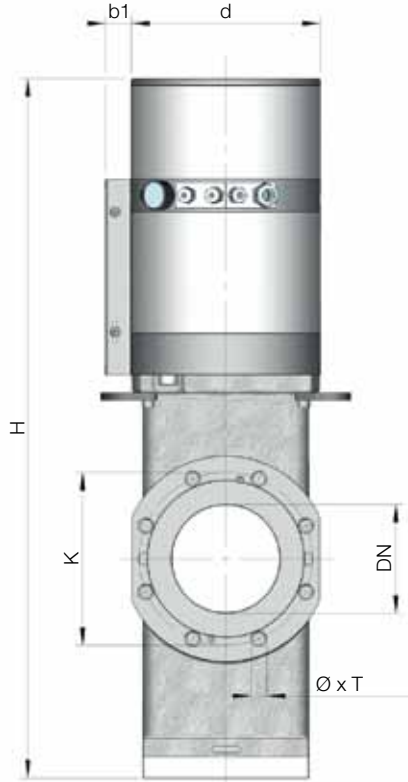
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### Explosions

Isolates within milliseconds to protect human life & facilities

## SpeedWey HSI High Speed Isolation Valve



- ① EMV Cable-gland  
ø 6-10
- ② EMV Cable-gland  
ø 14-18

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 shock-resistant)

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) **Ex** II 1D 1G IIA 135°C (Zone 20, 0)  
Outer area (surrounding the valve) **Ex** 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

| DN    | D   | K   | BL  | H    | h1   | h2  | d   | b1 | b2  | Ø   | T  | Qty Bolts | PK    | PS    | Closing time ts (ms)* | Weight (kg) |
|-------|-----|-----|-----|------|------|-----|-----|----|-----|-----|----|-----------|-------|-------|-----------------------|-------------|
| 100   | 220 | 180 | 86  | 761  | 550  | 359 | 210 | 35 | 35  | M16 | 24 | 8         | G1/8" | G1/8" | 23                    | 47          |
| 150   | 285 | 240 | 106 | 970  | 666  | 411 | 262 | 35 | 35  | M20 | 27 | 8         | G1/8" | G1/8" | 26                    | 75          |
| 200   | 340 | 295 | 112 | 1166 | 773  | 465 | 312 | 35 | 35  | M20 | 30 | 12        | G1/8" | G1/8" | 34                    | 132         |
| 250** | 405 | 355 | 130 | 1390 | 915  | 519 | 365 | 35 | 100 | M24 | 34 | 12        | G1/8" | G1/8" | 36                    | 215         |
| 300** | 475 | 410 | 134 | 1580 | 1024 | 570 | 415 | 35 | 100 | M24 | 34 | 12        | G1/8" | G1/8" | 44                    | 280         |
| 400** | 580 | 525 | 154 | 2077 | 1352 | 711 | 520 | 35 | 140 | M27 | 38 | 16        | G1/8" | G1/8" | 58                    | 570         |

\* at 6 bar/90psi

\*\* inclusive internal booster