FDI Series - Clamping and braking element with integrated springs

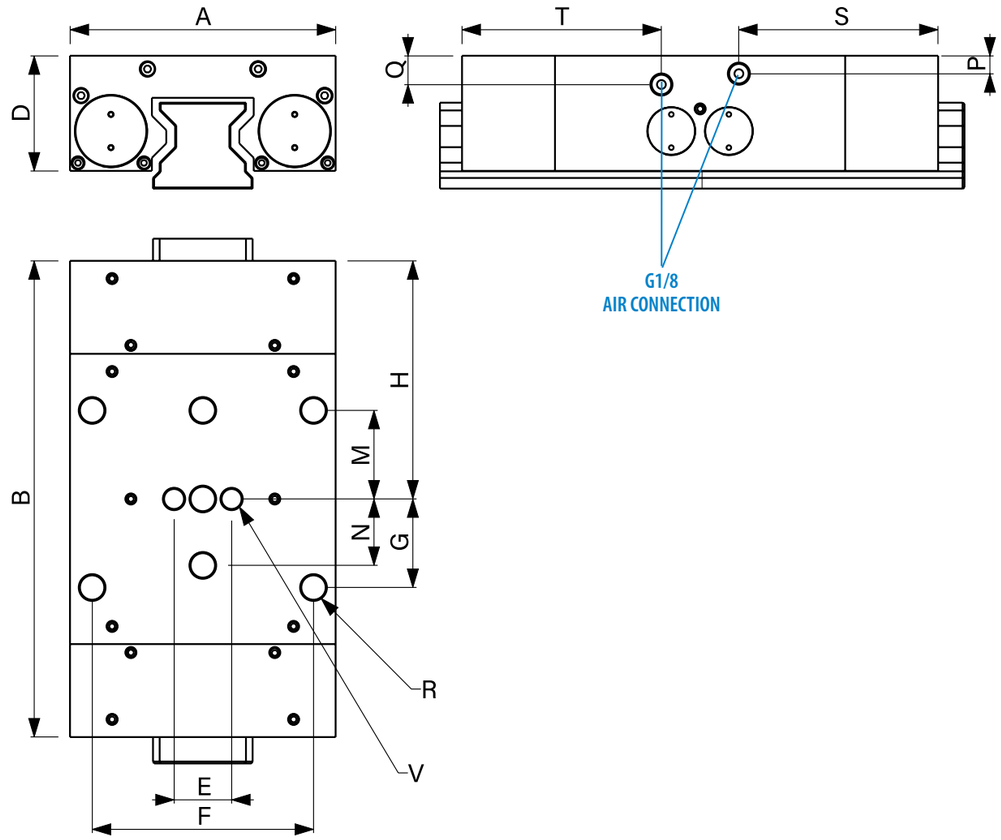
Braking element with high clamping force.
Material and shape of contact parts allow high clamping force without damaging the rail.

FDI##--- M
FDI##--- D



## Guide size	**55 mm**
Working type	**Norm. Closed**
Body	**Steel**
Operating Temperature	**-20°C ÷ 80°C**
Operating Pressure	**5,5 ÷ 8 bar**

- **Locking element without the use of energy**
- **High clamping force thanks to a double piston system**
- **Short reaction times**
- **Compact and rigid body**
- **Clamping in case of pressure drop**
- **Working in emergency stop**
- **Can be supplied complete with proximity sensor.**



Type	Size	Holding Force [N] A M	D	B [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	M [mm]	N [mm]	P [mm]	Q [mm]	R [mm]	S	T [mm]	V [mm]	
FDI	45 S	6000	8000	120	215	52	26	100	40	107.55	40	30	8.1	92	M12x12	90	90	M10X12
FDI	55 S	7700	9200	140	219	59	-	116	47.5	109.5	47.5	35	10	92	M14x14	92	92	-