

TECHNICAL BULLETIN

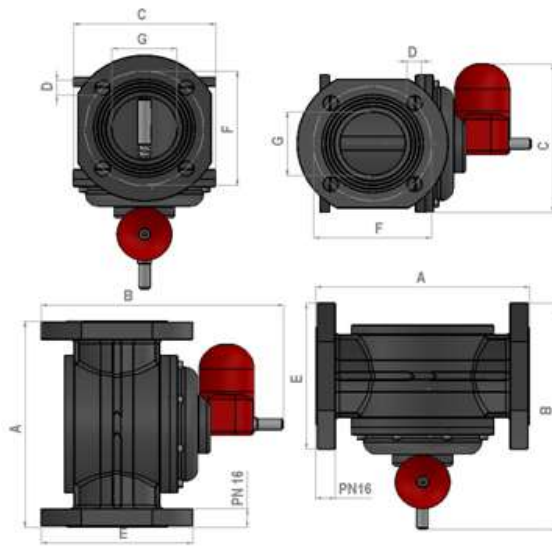
- FLANGE MECHANICAL EARTHQUAKE VALVE

The mechanical earthquake valve that perceives the seismic activity (earthquakes), and automatically shuts off the flow of gas as a result of the perceived activities.

This device has been designed to automatically shut off the gas flow due to earthquakes under TS12884 and ASCE 25-06 standard conditions. When the device is subjected to the momentum range of seismic vibrations given in the standard conditions, the device makes shut-off.



- Operating Pressure: 4 bar
- Max. test pressure: 20 bar
- Operating temperature: -23°C /+60°C
- PN 16 Flange
- Gasses Used:Natural gaz, LPG,
Methane, Propane, Air ...etc gaseous
fluids.
- As touched surfaces and body
aliminium and brass/other parts
aluminium brass and stainless steel .



MODEL	SIZE	DN	DIMENSIONS						
			A	B	C	D	E	F	G
	2 ½"	65	261	296	174	18	185	145	80
	2 ½"	65	261	296	188	18	185	145	80
	3"	80	261	304	180	18	200	160	80
	3"	80	261	304	191	18	200	160	80
	4"	100	287	327	200	18	220	180	100
	4"	100	287	327	201	18	220	180	100
	6"	150	492	420	330	22	285	236	150

MODEL	SIZE	DN	PN FLANGE	MAX. WORKING PRESSUR	CAPACITY (KW)	Q Nm³/h Hava ΔP60 (mbar)	Q Nm³/h Hava ΔP50 (mbar)	Q Nm³/h Hava ΔP30 (mbar)	Q Nm³/h Hava ΔP20 (mbar)	Q Nm³/h Hava ΔP10 (mbar)
	2 ½"	65	16	4 bar	5570	1000	900	700	550	390
	2 ½"	65	16	4 bar	5570	1000	670	700	550	390
	3"	80	16	4 bar	6275	1300	1150	840	680	470
	3"	80	16	4 bar	6275	1000	900	700	550	390
	4"	100	16	4 bar	9650	1300	1150	840	680	470
	4"	100	16	4 bar	9650	1300	1150	840	680	470
	6"	150	16	4 bar		3750	3250	2500	2000	1475

- DN 150 models and horizontal position haven't TS 12884 certification.