

STANDARD GAS DISTRIBUTOR

Customized damper constructions for small and medium power installations have drawbacks in terms of price and delivery times, normally not accepted in such projects. STEJASA has thus developed a standard gas distributor program, this maintains the criteria of sturdy and strongly dimensioned construction and is welcomed by our customers.



Casing: T-shaped housing with one gas input and two outputs at 90° with flanges at the three connections. Construction is suitably reinforced to bear all the static and dynamic stresses inherent from the distributor, this does not apply to external foreign loads. All accessories including the drive are mounted on the casing so that the assembly comprises of all the elements fitted on it. The gas distributor will also include 4 feet excluding Ø 250 mm to Ø 600 mm. Support structure remains as an option.



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Blades: Two, one each at the gas outlet, with opposing movements (one opens and one closes), either exhaust channel can be selected.

Seals: The gas distributor is designed with metal-metal or elastic seal systems depending on the required tightness. Flatness and strict manufacturing ensure optimal sealing in the installation.

Bearings and stuffing boxes: External articulated bearings are used on the drive end. On the opposite end, these are covered bearings with maintenance-free nitrided bushings. Shafts through the casing are hermetically sealed with adjustable gland.

External linkage: The simultaneous movement of the flaps, one opens and the other closes, is achieved with an external linkage system with connecting arms and articulated heads. The length of the linkage can be adjusted, this makes it possible to correct the flap position even after hot operation.

Actuator: The actuator can be pneumatic or electric type. The pneumatic type can also have a safety system drive for by-pass end opening in emergencies in case of air failure or power cut.

Electric actuator. Available from \varnothing 250 mm to \varnothing 900 mm

Rotating pneumatic actuator. Available from \varnothing 250 mm to \varnothing 900 mm

Lineal pneumatic actuator. Available from \varnothing 1000 mm to \varnothing 2200 mm

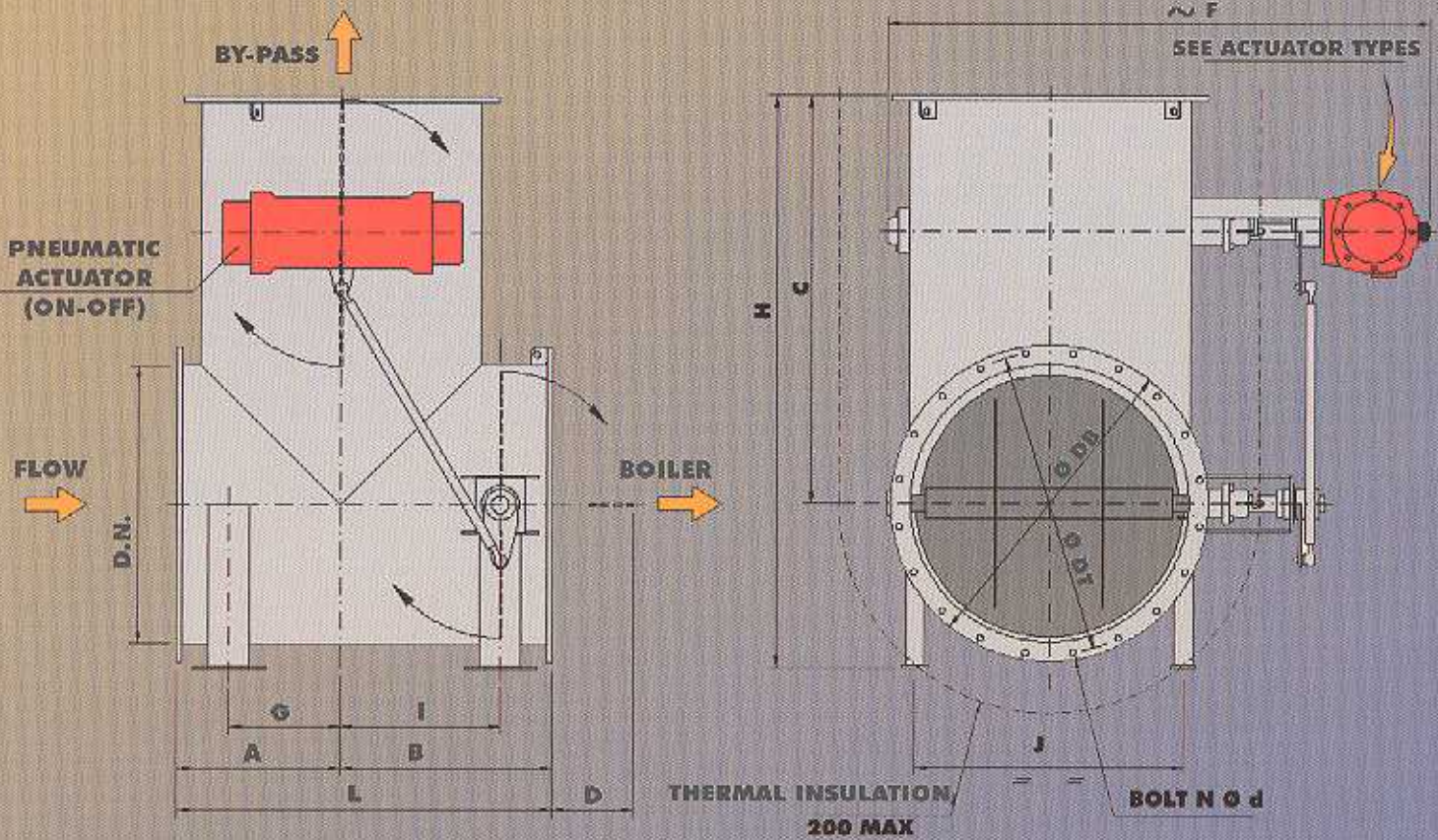
Accessories: The distributor can also be equipped with additional limit switches and/or with a position transmitter, 4-20mA.

SPECIAL GAS DISTRIBUTOR

Apart from the standard series, STEJASA has customized distributors in special designs with rectangular or circular cross-sections, sealing-air outputs and repair guillofines, etc.



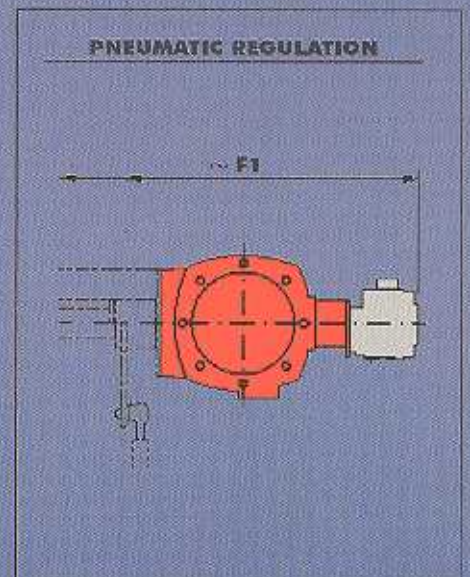
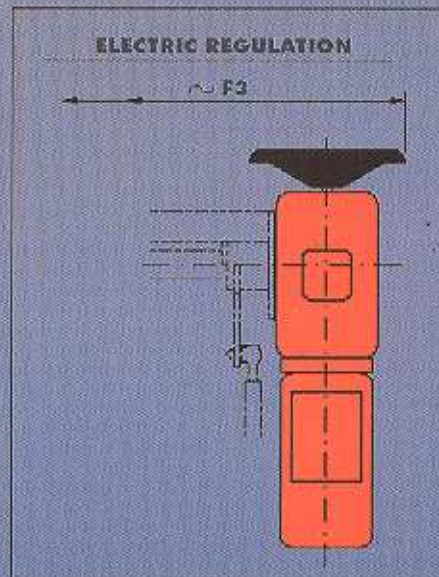
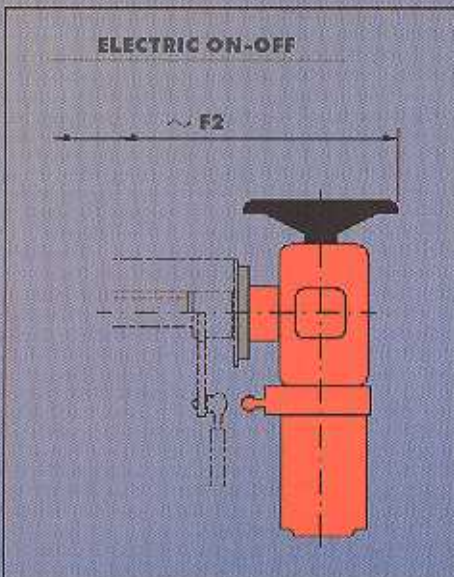
STANDARD GAS DISTRIBUTOR Ø 250 - Ø 900



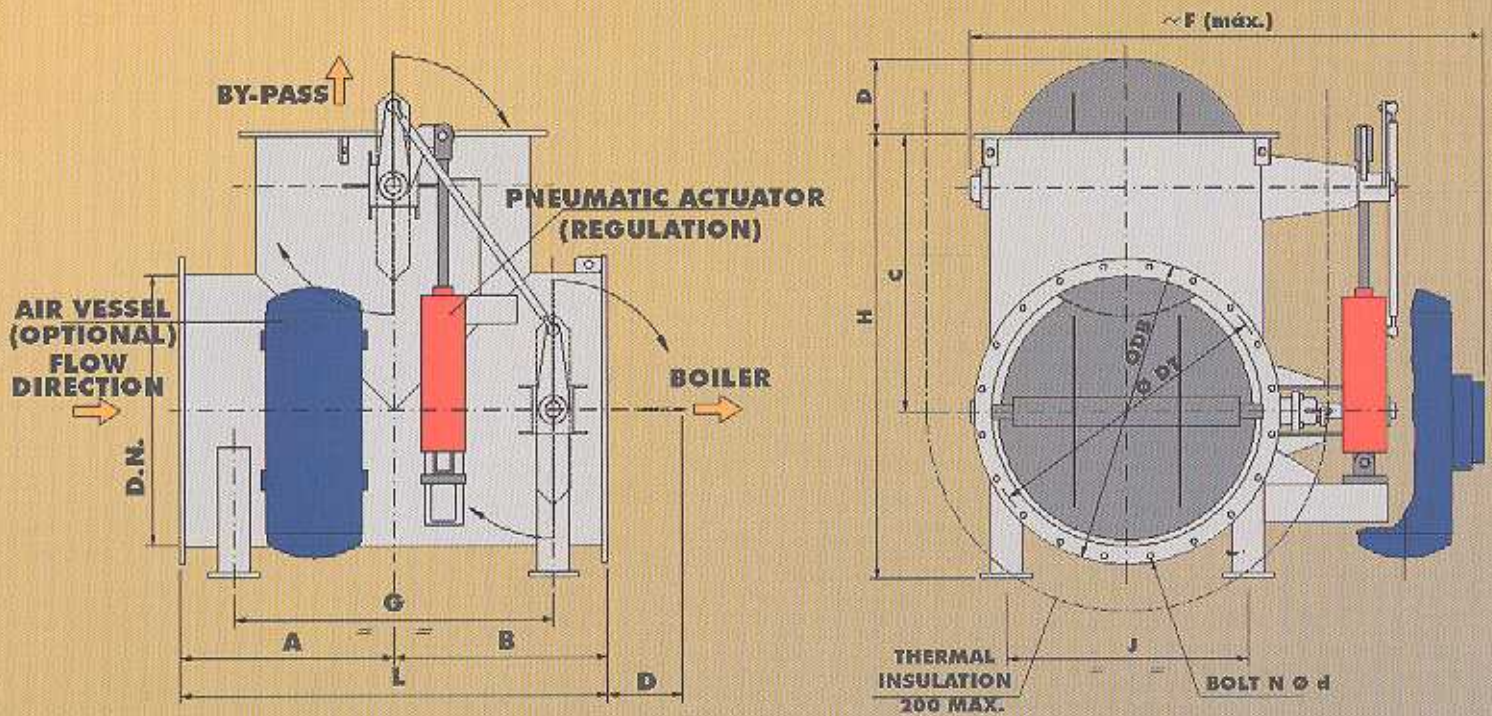
DIMENSIONS mm

Ø	A	B	C	D	L	H	F	G	I	J	ØDB	ØDT	N	Ø/d
250	195	375	390	-40	570	-	846	-	-	-	363	323		
300	220	360	425	-15	580	-	926	-	-	-	413	373	8	
350	245	385	500	10	630	-	976	-	-	-	463	423		
400	270	410	575	35	680	-	1026	-	-	-	513	473		
450	295	435	650	60	730	950	1145	-	-	-	563	523	12	14
500	320	460	725	85	780	1050	1195	-	-	-	613	573		
600	370	510	875	135	880	1250	1360	-	-	-	713	673		
700	420	560	1025	185	980	1450	1427	270	410	450	813	773	16	
800	470	610	1175	235	1080	1650	1558	320	460	530	913	873	20	18
900	695	695	900	260	1390	1450	1746	1050	-	580	1013	973		

NOTE: NEITHER THE WEIGHT OF THE ACTUATOR NOR THAT OF THE INSTRUMENTATION OPTIONS ARE INCLUDED



STANDARD GAS DISTRIBUTOR Ø 1000 - Ø 2200



DIMENSIONS mm

Ø	A	B	C	D	L	H	F	G	J	Ø DB	Ø DT	N	Ø/d
1000	745	745	990	310	1490	1590	1863	1150	910	1113	1073	24	18
1100	795	795	1075	360	1590	1725	1963	1250	1010	1233	1187	28	
1200	860	860	1160	405	1720	1860	2215	1370	1210	1333	1287	32	
1300	910	910	1245	455	1820	1995	2315	1470	1310	1433	1387	36	
1400	960	960	1330	505	1920	2130	2415	1570	1410	1533	1487	40	
1500	1045	1045	1435	530	2090	2290	2600	1690	1500	1633	1587	44	
1600	1095	1095	1520	580	2190	2425	2700	1790	1600	1733	1687	48	
1700	1145	1145	1605	630	2290	2560	2830	1890	1700	1833	1787	23	
1800	1195	1195	1690	680	2390	2745	2930	1990	1800	1933	1887		
1900	1245	1245	1770	730	2490	2825	3030	2090	1900	2033	1987		
2000	1330	1330	1885	755	2660	2985	3050	2210	1990	2133	2087		
2100	1380	1380	1965	805	2760	3115	3150	2310	2090	2233	2187		
2200	1430	1430	2050	855	2860	3250	3250	2410	2190	2333	2287		

NOTE: THE ACTUATOR CAN BE PLACED EITHER ON THE LEFT OR RIGHT SIDE

