

EIL - IOCL HALDIA - FABRIC TYPE BELLOWS

CUST NO: 7419 / PGMA -80-733										DATA SHEET -PC-TSP-EIL-IOCL -HALDIA-FABRICBELLOWS-R01						
SL.NO.	TYPE	TAG NO	QTY (NOS)	NOMINAL DUCT DIA (inch)	TYPE (NOTE 2)	LENGTH (NOTE-5) (mm)	ENDS, (NOTE-2) FLG/ BW	DUCT MATERIAL/ ENDS MATERIAL	MEDIUM	DESIGN (NORMAL OPERATING) TEMP. (°C)	DESIGN (NORMAL OPERATING) PRESSURE (Kg/cm2 g)	MAX. VELOCITY (m/s)	INSTALLATION POSITION	MOVEMENTS		
														AXIAL (NOTE-3) (mm)	LATERAL (mm)	ANGULAR (NOTE-4) (deg)
1	FABRIC TYPE	205-FBA-001A	1	36"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	290 (253)	0.2 (0.013)	17.8	HORIZONTAL	-50	50	0
2	FABRIC TYPE	205-FBA-001B	1	36"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	290 (253)	0.2 (0.013)	17.8	HORIZONTAL	-50	50	0
3	FABRIC TYPE	205-FBA-001C	1	36"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	290 (253)	0.2 (0.013)	17.8	HORIZONTAL	-50	50	0
4	FABRIC TYPE	205-FBA-001D	1	36"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	290 (253)	0.2 (0.013)	17.8	HORIZONTAL	-50	50	0
5	FABRIC TYPE	205-FBA-001E	1	36"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	290 (253)	0.2 (0.013)	17.8	HORIZONTAL	-50	50	0
6	FABRIC TYPE	205-FBA-001F	1	36"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	290 (253)	0.2 (0.013)	17.8	HORIZONTAL	-50	50	0
7	FABRIC TYPE	205-FBA-002	1	80"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	260 (226)	0.2 (0.013)	17.9	VERTICAL	-40	50	0
8	FABRIC TYPE	205-FBA-003A	1	56"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	260 (226)	0.2 (0.013)	18.2	HORIZONTAL	-50	50	0
9	FABRIC TYPE	205-FBA-003B	1	56"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	260 (226)	0.2 (0.013)	18.2	HORIZONTAL	-50	50	0
10	FABRIC TYPE	205-FBA-004	1	56"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	290 (253)	0.2 (0.013)	17.0	HORIZONTAL	-45	55	0
11	FABRIC TYPE	205-FBA-005	1	52"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	260 (186)	0.2 (0.013)	15.7	HORIZONTAL	-50	40	0
12	FABRIC TYPE	205-FBA-006A	1	36"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	220 (186)	0.2 (0.035)	15.9	HORIZONTAL	-50	50	0
13	FABRIC TYPE	205-FBA-006B	1	36"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	220 (186)	0.2 (0.035)	15.9	HORIZONTAL	-50	50	0
14	FABRIC TYPE	205-FBA-006C	1	36"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	220 (186)	0.2 (0.035)	15.9	HORIZONTAL	-50	50	0
15	FABRIC TYPE	205-FBA-007	1	32"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	220 (186)	0.1 (0)	16.5	HORIZONTAL	-65	30	0
16	FABRIC TYPE	205-FBP-008	1	32"	FBP	300	FLG	ASTM A 283 GR. C	HOT AIR	220 (186)	0.1 (0)	16.5	HORIZONTAL	-40	40	0
17	FABRIC TYPE	205-FBA-009	1	72"	FBA	300	FLG	ASTM A 283 GR. C	COOLING AIR	80 (51)	0.2 (0.060)	14.4	HORIZONTAL	10/-20	40	0
18	FABRIC TYPE	205-FBA-010	1	52"	FBA	300	FLG	ASTM A 283 GR. C	COOLING AIR	80 (51)	0.2 (0.057)	14.7	HORIZONTAL	10/-20	40	0
19	FABRIC TYPE	205-FBA-011	1	22"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	190 (157)	0.2 (0.003)	16.8	VERTICAL	-20	45	0
20	FABRIC TYPE	205-FBA-012	1	40"	FBA	300	FLG	ASTM A 283 GR. C	COOLING AIR	290 (253)	0.2 (0.013)	12.1	HORIZONTAL	-60	40	0
21	FABRIC TYPE	205-FBP-013	1	72"	FBP	300	FLG	ASTM A 240 GR. 316L	PROCESS GAS	250 (209)	0.2 (-0.037)	17.4	HORIZONTAL	-70	50	0
22	FABRIC TYPE	205-FBA-014	1	10"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	220 (186)	0.2(0.035)	17.8	HORIZONTAL	-50	25	0
23	FABRIC TYPE	205-FBA-015	1	76"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	190 (157)	0 (0.003)	17.2	VERTICAL	-50	25	0
24	FABRIC TYPE	205-FBA-016	1	18"	FBA	300	FLG	ASTM A 283 GR. C	HOT AIR	100 (54)	0.2 (0.029)	12.5	VERTICAL	-30	30	0

NOTES

1. FOR MANUFACTURE, INSPECTION & TESTING REQUIREMENTS OF BELLOWS REFER HTAS DOC NO. SP-420-EN.
2. ACCORDING TO HTAS SPECIFICATION NO. M80001
3. "-" INDICATES COMPRESSION AND "+" INDICATES EXTRACTION.
4. BELLOW TO BE DESIGNED FOR 3 DEG INSTALLATION MISALIGNMENT.
5. THE SUPPLIER MUST, BASED ON THE ACTUAL OPERATING CONDITIONS, DETERMINE WHETHER AN INTERNAL SLEEVE IS REQUIRED.
DIMENSION OF THE INTERNAL SLEEVE MUST BE SPECIFIED BY THE SUPPLIER
6. ASTM A 516GR70 IS ALSO ACCEPTABLE IN PLACE OF ASTM A 283 GR.C
7. COUNTER FLANGES, GASKETS AND NECESSARY FASTENERS FOR FABRIC BELLOWS ARE NOT REQUIRED.
8. MAXIMUM DUST CONTENT FOR BELLOWS WITH HOT/ COOLING AIR MEDIUM, SHALL BE CONSIDERED AS $\leq 0.5\text{mg/Nm}^3$.