

EIL-IOCL HALDIA - CHECK TYPE DAMPERS

CUST NO : 7419 / PGMA -80-733

DATA SHEET - PC-TSP-EIL-IOCL-HALDIA-CHECK-DAMPER-R00

Item sl no	Type	Item Description	Mode of operation	Piping/Duct class	Operating pressure Kg/cm2(g)	Operating Temperature Deg C	Design pressure Kg/cm2(g)	Design Temperature Deg C	Insulation thickness (t) mm	Sealing efficienecy	Medium	Casing Material	Flange Material	Qty
1	Damper	CHECK TYPE DAMPER, DUCT CLASS- K22A, ACCORDING TO HTAS DOC. NO. M80001 (SECTION-11), 18.0 INCH	Hand/Manual operated	K22A	0.029	54	0.2	100	150	>=96.5%	HOT AIR	ASTM A283 GRC/ ASTM A 516GR70	ASTM A283 GRC/ ASTM A 516GR70	1 No
2	Damper	CHECK TYPE DAMPER, DUCT CLASS- K22A, ACCORDING TO HTAS DOC. NO. M80001 (SECTION-11), 40.0 INCH	Hand/Manual operated	K22A	0.013	253	0.2	290	200	>=96.5%	COOLING AIR	ASTM A283 GRC/ ASTM A 516GR70	ASTM A283 GRC/ ASTM A 516GR70	1 No
3	Damper	CHECK TYPE DAMPER, DUCT CLASS- K22A, ACCORDING TO HTAS DOC. NO. M80001 (SECTION-11), 52.0 INCH	Hand/Manual operated	K22A	0.013	186	0.2	260	200	>=96.5%	HOT AIR	ASTM A283 GRC/ ASTM A 516GR70	ASTM A283 GRC/ ASTM A 516GR70	1 No
4	Damper	CHECK TYPE DAMPER, DUCT CLASS- K22A, ACCORDING TO HTAS DOC. NO. M80001 (SECTION-11), 68.0 INCH	Hand/Manual operated	K22A	0.091	230	0.2	260	300	100%	PROCESS GAS	ASTM A283 GRC/ ASTM A 516GR70	ASTM A283 GRC/ ASTM A 516GR70	2 No
5	Damper	CHECK TYPE DAMPER, DUCT CLASS- K24A, ACCORDING TO HTAS DOC. NO. M80001 (SECTION-11), 40.0 INCH	Hand/Manual operated	K24A	0.091	414	0.2	450	300	100%	PROCESS GAS	ASTM A 516GR70	ASTM A 516GR70	2 No

Notes

1. Counter flanges and necessary fasteners for Check type dampers are not required.
2. For sl no 1,2 &3 (Hot air/Cooling air medium) , 96.5% sealing on CSA and 100% sealing on duct to atmosphere required. Seal air piping is optional for air service.
3. For sl no 4 & 5 (Process gas medium) , 100% sealing on flow across damper and 100% sealing on duct to atmosphere required.