

D50-250 mm SINGLE BLADE HANDLE DAMPER

(Sizes in mm)

ORDERING INFORMATION

HD	1	C	0100	AF	---	/	BO	L0
Description (产品类型) HD: HANDLE DAMPER 手柄阀					Blade Type (叶片形式) B0: Standard, Regular Blade, Non Air-tight 标准叶片, 非密闭 B1: EPDM Rubber Wrapped Blade, Air-tight 三元乙丙包胶叶片, 密闭 B2: Fluorinated Rubber Wrapped Blade, Air-tight 氟橡胶包胶叶片, 密闭 B3: Blade With PTFE Seat, Air-tight 叶片加特氟龙材质内圈, 密闭			
Material (材质) 1: SS304不锈钢304 2: SS304L不锈钢304L 3: SS316L不锈钢316L					Lock Type (锁定方式) L0: Single Lock, Stepless 单锁, 无段 L1: Single Lock, 10 Intervals 单锁, 10段 L2: Double Lock, 20intervals 双锁, 20段 L3: Double Lock, 20 intervals 双锁, 20段 Non-slip nut + nord washer(防滑螺母+锯齿垫圈) LX: Customized Lock 定制锁定方式			
Coating Yes/No (是/ 否喷涂) C: ETFE Coated ETFE 喷涂 S: Stainless Steel Uncoated 不锈钢不喷涂					Length: L (长度) STD. L: 标准长度 150mm for D0050-D0075 200mm for D0100-D0250 eg.0150: Length 150mm(长度150mm)			
Connection (连接形式) AF: Standard, SS304 Angle Ring, Tack Welded 标准不锈钢304角钢法兰,点焊固定 AN: SS304 Angle Ring, Not Tack Welded 不锈钢304角钢,活动法兰 PF: SS304 Flat Ring, Tack welded 不锈钢304平板法兰,点焊固定 PN: SS304 Flat Ring, Not Tack Welded 不锈钢304平板,活动法兰 KF: SS304 KF Connection, Fully Welded 不锈钢304 KF 法兰, 满焊固定 SF: SS304 ISO Connection, Fully Welded 不锈钢304 ISO 法兰, 满焊固定 XF: Customized Connection 定制法兰								

B0



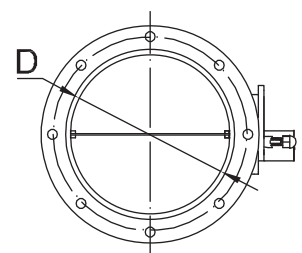
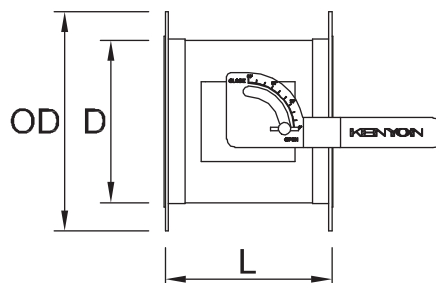
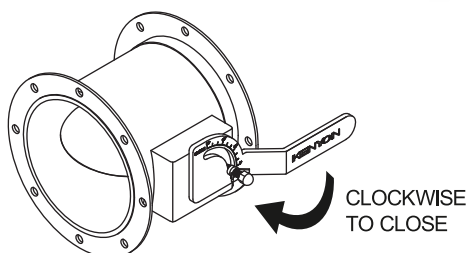
B1



B2



B3



D50-250mm SINGLE BLADE HANDLE DAMPER

(Sizes in mm)

>>> SPECIFICATIONS

- ☐ Single Blade, Butterfly type
- ☐ Range D50~D250
- ☐ Handle operated
- ☐ Fluorinated Rubber O-ring as shaft seal
- ☐ Standard single lock - 10° intervals
- ☐ Damper Leakage Rate As Below:

>>> OPTIONS

- ☐ Customized length
- ☐ Customized Connection
- ☐ Electric / pneumatic actuator

Blade Type	Leakage Rate	AMCA Compliance	JB/T 7228-1994 Compliance	JG/T-436-2014 Compliance
B0	2%	Class 3, Non Air-tight	≤2%, 非密闭, Non Air-tight	1080≤1182 m³/(h·m²), 非密闭, Non Air-tight
B1	0.2%	Class 1, Air-tight	≤0.5%, 密闭, Air-tight	110≤187.71m³/(h·m²), 密闭, Air-tight
B2	0.2%	Class 1, Air-tight	≤0.5%, 密闭, Air-tight	106≤187.71 m³/(h·m²), 密闭, Air-tight
B3	0.35%	Class 1, Air-tight	≤0.5%, 密闭, Air-tight	187≤187.71 m³/(h·m²), 密闭, Air-tight

STANDARD PRODUCT DIMENSIONS

PN	D (mm)	L (mm)	OD (mm)	Blade t (mm)	W.T (mm)	Remarks
HD1C002"KF0150/B0L0	50.8	150	75	2.0	1.65	
HD1C003"SF0150/B0L0	76.2	150	110	2.0	1.65	
HD1C0100AF0200/B0L0	100	150/200	153	2.0	1.0	L0 L1=150 L2 L3=200
HD1C0150AF0200/B0L0	150	150/200	203	2.0	1.0	L0 L1=150 L2 L3=200
HD1C0200AF0200/B0L0	200	200	253	2.0	1.0	
HD1C0250AF0200/B0L0	250	200	303	2.0	1.0	

L0



L1



L2



L3



B0



B1



B2

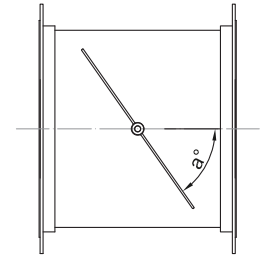


B3



D50-250 mm SINGLE BLADE HANDLE DAMPER

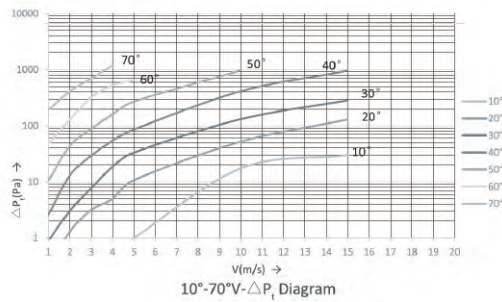
>>> CHARACTERISTIC DIAGRAM



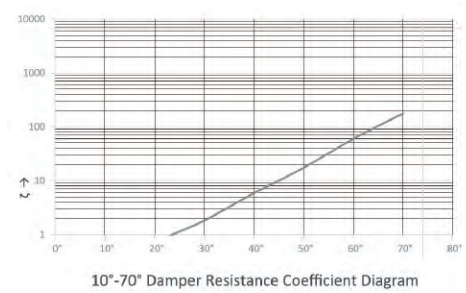
Typical Damper Pressure Drop Vs Flow Velocity

Typical Damper Resistance Coefficient Diagram

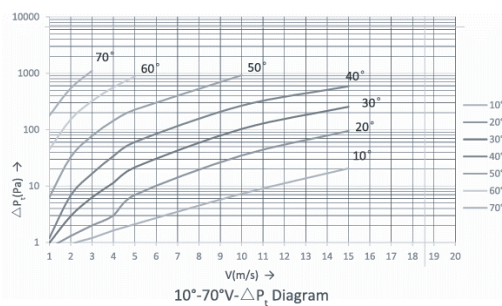
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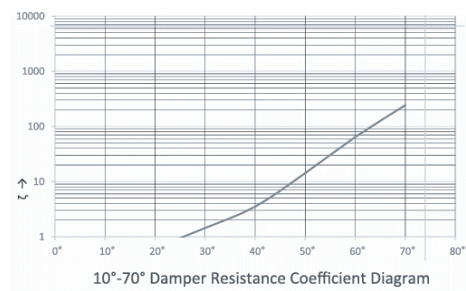
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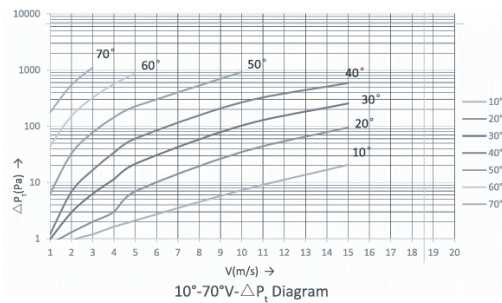
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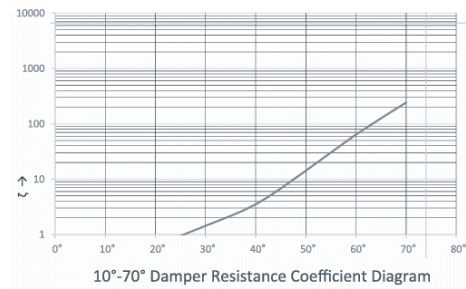
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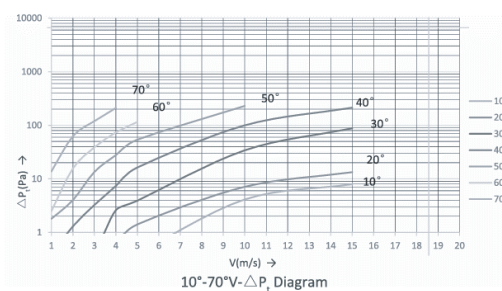
B2:



B2:



B3:



B3:

