

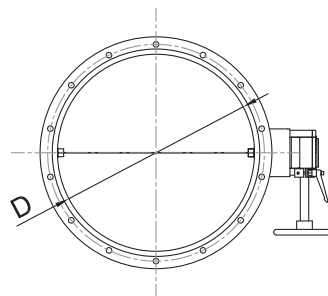
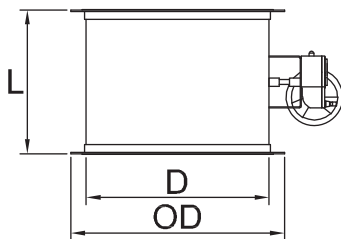
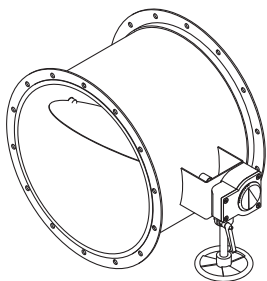
D100-500mm

SINGLE BLADE WORM GEAR DAMPER

(Sizes in mm)

ORDERING INFORMATION

WD	1	C	0100	AF	----	/	B0	P1
Description (产品类型) WD: WORM GEAR DAMPER (蜗轮蜗杆阀)			Length: L (长度) STD.L : (标准长度) 200mm for D0100-D0250 280mm for D0300-D0500 eg.0200: Length 200mm(长度200mm)			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)			Diameter: D (直径) $100\text{mm} \leq D \leq 500\text{mm}$ eg. 0100: Diameter 100mm (直径100mm)			Operation (操作方式) P1: Worm Gear Operation (蜗轮蜗杆操作) P2: Pneumatic Actuated (气动) P3: Electrical Motorized (电动)		
Coating Yes/No (是 / 否喷涂) C: ETFE Coated (ETFE 喷涂) S: Stainless Steel Uncoated (不锈钢不喷涂)			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 XF: Customized Connection 定制法兰					



D100-500 mm SINGLE BLADE WORM GEAR DAMPER

(Sizes in mm)

>>> SPECIFICATIONS

- ☐ Single Blade, Butterfly type
- ☐ Range D100~D500
- ☐ Worm gear driver
- ☐ Fluorinated Rubber O-ring as shaft seal
- ☐ Standard single lock - stepless
- ☐ Damper Leakage Rate As Below:

>>> OPTIONS

- ☐ Customized length available
- ☐ Customized connection
- ☐ Electric/pneumatic actuator

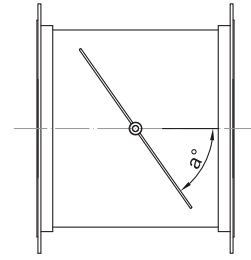
Blade Type	Leakage Rate	AMCA Compliance	JB/T 7228-1994 Compliance	JG/T-436-2014 Compliance
B0	2%	Class 3, Non Air-tight	≤2%, 非密闭, Non Air-tight	1080≤1182 m³/(h·m²), 非密闭, Non Air-tight
B1	0.2%	Class 1, Air-tight	≤0.5%, 密闭, Air-tight	110≤187.71m³/(h·m²), 密闭, Air-tight
B2	0.2%	Class 1, Air-tight	≤0.5%,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

STANDARD PRODUCT DIMENSIONS

PN	D (mm)	L (mm)	OD (mm)	Blade t (mm)	W.T (mm)
WD1C0100AF0200/B0P1	100	200	153	2.0	1.0
WD1C0150AF0200/B0P1	150	200	203	2.0	1.0
WD1C0200AF0200/B0P1	200	200	253	2.0	1.0
WD1C0250AF0200/B0P1	250	200	303	2.0	1.0
WD1C0300AF0280/B0P1	300	280	353	2.5	1.2
WD1C0350AF0280/B0P1	350	280	413	2.5	1.2
WD1C0400AF0280/B0P1	400	280	483	2.5	1.2
WD1C0450AF0280/B0P1	450	280	533	2.5	1.2
WD1C0500AF0280/B0P1	500	280	595	2.5	1.2

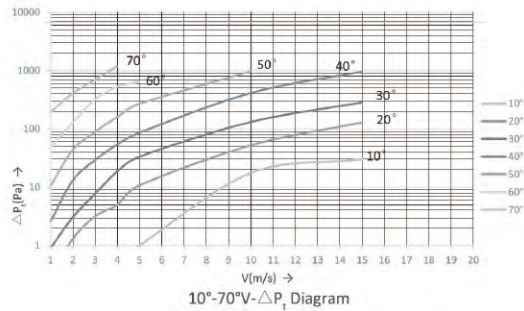
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>>> CHARACTERISTIC DIAGRAM



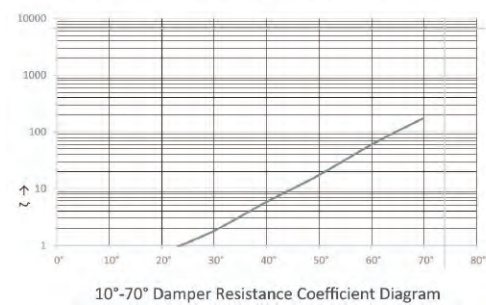
Typical Damper Pressure Drop-Velocity

B0:

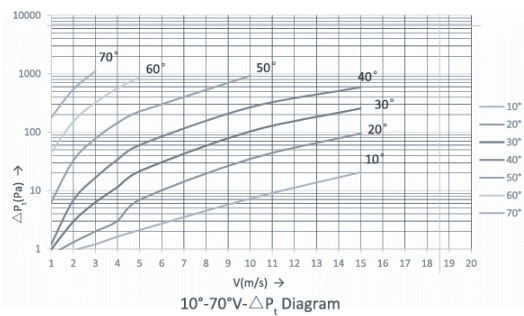


Typical Damper Resistance Coefficient Diagram

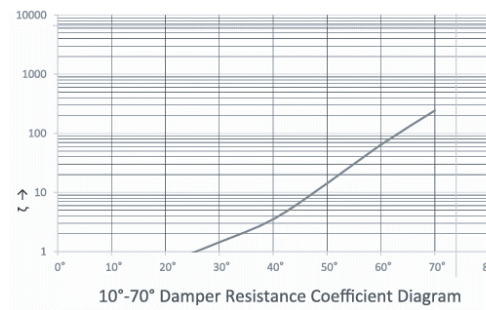
B0:



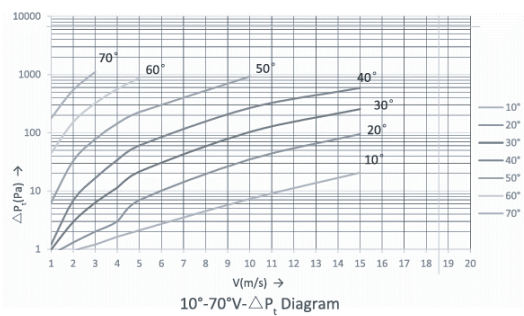
B1:



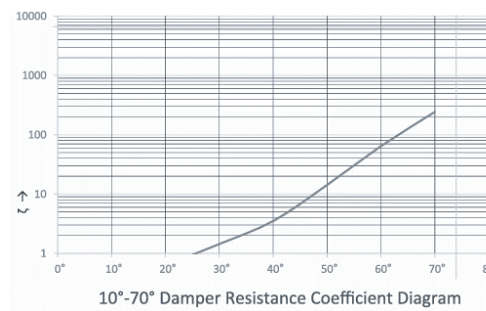
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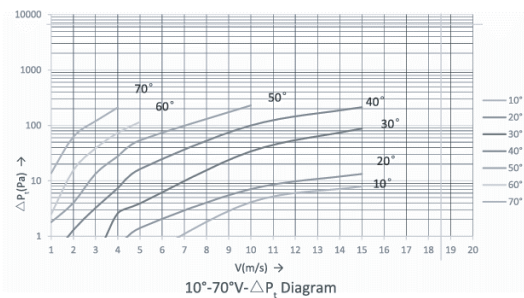
B2:



B2:



B3:



B3:

