

PAPA

防撞球 / 连接套

Abrasion protection/connecting sleeve

+120°C +248°F
-50°C -58°F

Material: PA6 MOD V0 SGA



- 用于连接波纹管或者释放一些因为管子扭转产生的扭力
 - 安装在波纹管上防止被撞伤/擦伤
 - 非常适合波纹管动态应用场合
- to connect conduits and release of occurring torsion forces to conduits
 - applied onto the corrugated conduit to protect from extensive chafing/abrasion
 - suitable for dynamic movements of corrugated conduits assemblies

温度范围 / Temperature range

UV-防护 / UV protection

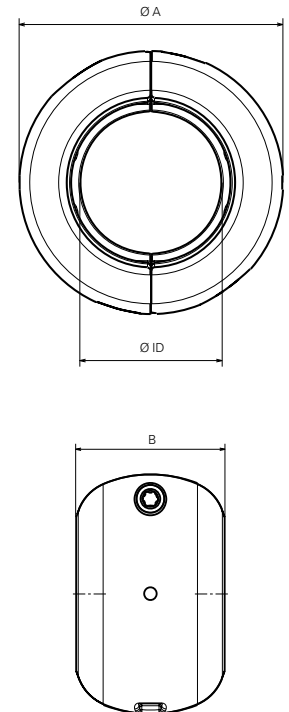
低温性能 / Cold environment performance

机械强度 / Mechanical strength

min.		max.	
■	■	■	■
■	■	■	■
■	■	■	■
■	■	■	■



产品号 Part No. ¹⁾	名义尺寸 Nominal width	尺寸 Dimensions in mm			重量 Weight	包装单元 PU
黑色 / black	NW	A	B	ØD	g	个 / Pcs
PAPA-10FB	10	22,8	30,0	11,1	8,5	10
PAPA-12FB	12	21,7	33,0	13,7	9,6	10
PAPA-17FB	17	29,4	40,0	18,3	18,3	10
PAPA-23FB	23	34,2	52,0	25,3	30,9	6
PAPA-29FB	29	36,1	58,0	31,3	35,7	6
PAPA-36FB	36	41,1	69,0	38,3	58,0	4
PAPA-48FB	48	43,3	81,0	49,9	73,3	4
PAPA-17CB	17	29,4	40,0	17,7	15,9	10
PAPA-23CB	23	34,2	52,0	24,0	31,2	6
PAPA-29CB	29	36,1	58,0	29,9	37,6	6
PAPA-36CB	36	41,1	69,0	38,1	59,1	4
PAPA-48CB	48	43,3	81,0	49,3	76,9	4
PAPA-56CB	56	47,2	94,0	59,1	106,2	2
PAPA-70CB	70	50,8	108,0	70,3	137,6	2



您可以通过以下地址查询更多的技术信息 / You can find more technical information here

CADENAS – 产品CAD数据目录 / eCATALOGsolutions electronic CAD catalog: <https://fraenkische-ip.partcommunity.com>

¹⁾ FIPMOTION® 附件编码规则 / Part numbering key for FIPMOTION® accessories: www.fraenkische-ip.com/fipmotion-accsy-part-no



PAPA 产品性能 / Product performances

应用性能 <i>Application performances</i>	特性 <i>Characteristics</i>	单位 <i>Unit</i>	规范标准 <i>Standards, specifications</i>	备注 <i>Remark</i>
温度范围 / <i>Temperature range</i>	-50 到 / <i>to</i> +120 -58 到 / <i>to</i> +248	°C °F	IS FIP	
温度 (短周期) / <i>Temperature (short-term)</i>	150 (500 h); 165 (100 h) 302 (500 h); 329 (100 h)	°C °F	IS FIP	
防火性能 / <i>Fire safety performances</i>				
不含卤素和镉 / <i>Free from halogens and cadmium</i>	是 / <i>yes</i>			
阻燃等级 / <i>Fire classification</i>	V0		UL 94	
氧指数 / <i>Oxygen index</i>	>32	%	EN ISO 4589-2	
火灾危害等级 / <i>Fire hazardous level</i>	HL2 R22/HL3 R23		EN45545-2	
垂直燃烧测试 / <i>Vertical burning behavior</i>	Vi<100 自熄 <i>Vi<100 self-extinguishing</i>	mm/min	EN ISO 6941:2003	ECE R-118-02 附录 8 <i>ECE R-118-02 annex 8</i>
耐候性 / <i>Weathering performances</i>				
UV- 及耐候性能 <i>UV and weathering performance</i>	优异 <i>excellent</i>		IS FIP	可达 40 年 <i>up to 40 years</i>
防锈测试 <i>Corrosion test</i>	符合 / <i>compliant</i>		DIN EN ISO 9227:2017-07 DIN EN ISO 13018:2016-06	

测试条件参照EN ISO 139 , 温度 23°C / 湿度50% r. F. (如未注明测试条件). IS FIP = FIP内部测试规范

Tests carried out acc. EN ISO 139 at 23°C / 50% r. h. (if not indicated differently). IS FIP = Internal Specification FIP

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