工业缓冲器 POWERSTOP
M20X1.5 螺纹

▶ 系列

PowerStop®

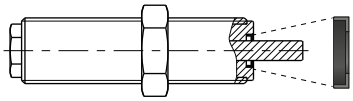
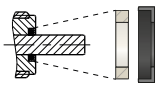
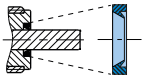
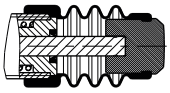
STANDARD ENERGY	HIGH ENERGY	ADJUSTABLE ENERGY
经济型	强有力的	可调型

- **材质** 不锈钢
- **允许温度范围** -10 ... +70 [°C]
- **撞击时最大角度** 2 [°]
- **作用于固定挡块的最大力** 10 [kN]
- **锁紧螺母拧紧力矩**
  - **常规** 20 [Nm]
  - **高能** 40 [Nm]
  - **Adjustable Energy** 40 [Nm]
- **生物油(可生物降解)** HEES
- **H1 认证** 是
- **认证** LABS / REACH / RoHS
- **最大绝对压力**
  - **常规** 1 [bar]
  - **高能** 10 [bar]
  - **Adjustable Energy** 10 [bar]

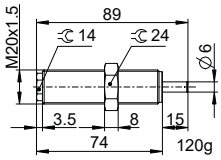
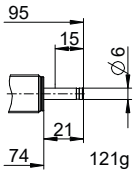
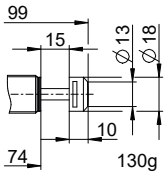
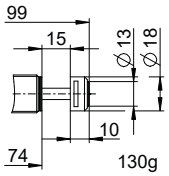
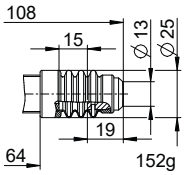
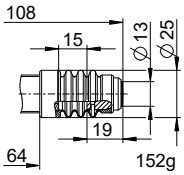
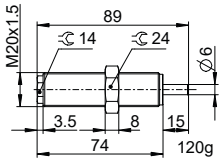
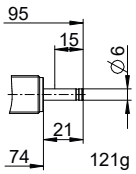
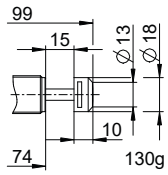
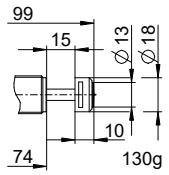
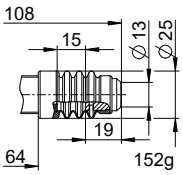
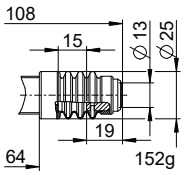
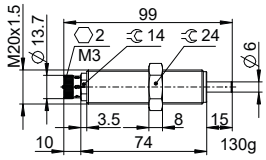
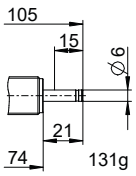
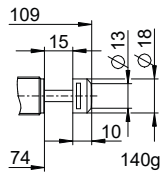
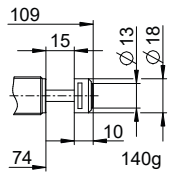
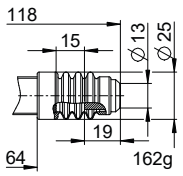
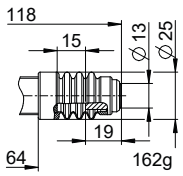
▶ 技术数据

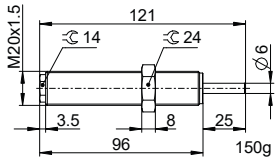
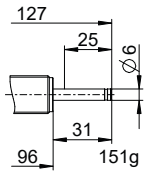
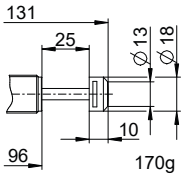
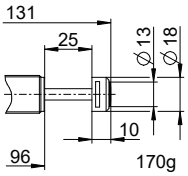
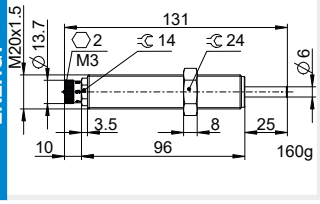
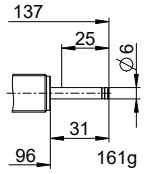
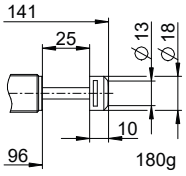
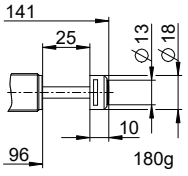
设计	系列	螺纹	行程款式	行程 最大 [mm]	硬度	碰撞速度 最小 [m/s]	碰撞速度 最大 [m/s]	最大能量吸收 连续运行 每冲程 [J]	最大能量吸收 连续运行 每小时 [J/h]	最大能量吸收 急停操作 每冲程 [J]	防护装置	复位力 最小 [N]	复位力 最大 [N]	复位时间 最大 [s]	端头	集成式固定止动器	版本
STANDARD ENERGY	P	SE	20X15	N	15	H-M-S-W	0,1	1,2	41	90.000	41	D-F-A-B	7	15	0,3	D-E-S-K	x	-A
							0,8	2,2	41	90.000	41		7	15	0,3		-	
							1,8	3,5	41	90.000	41		7	15	0,3		x	
							3,0	5,0	41	90.000	41		7	52	0,3		x	
HIGH ENERGY	P	HE	20X15	N	15	H-M-S-W	0,1	1,2	80	90.000	150	D-F-A-B	16	26	0,3	D-E-S-K	x	-A
							0,8	2,2	75	90.000	125		16	26	0,3		-	
							1,8	3,5	70	90.000	100		16	26	0,3		x	
							3,0	5,0	65	90.000	75		16	62	0,3		x	
ADJUSTABLE ENERGY	P	AE	20X15	N	15	H	0,1	5,0	80	90.000	80	D-F-A-B	16	26	0,3	D-E-S-K	x	-A
													16	26	0,3		-	
													16	26	0,3		x	
													16	62	0,3		x	
HIGH ENERGY	P	HE	20X15	L	25	H-M-S-W	0,1	1,2	80	90.000	150	D-F-A	16	26	0,5	D-E-S-K	x	-A
							0,8	2,2	75	90.000	125		16	26	0,5		-	
							1,8	3,5	70	90.000	100						x	
							3,0	5,0	65	90.000	75		16	26	0,5		x	
ADJUSTABLE ENERGY	P	AE	20X15	L	25	H	0,1	5,0	80	90.000	80	D-F-A	16	26	0,5	D-E-S-K	x	-A
													16	26	0,5		-	
													16	26	0,5		x	
													16	26	0,5		x	

▶ 保护

无防护装置	毡垫圈	刮擦器 (NBR)	波纹管 (TPE)
D -A	F -A	A -A	B -A
			
在干净的环境中	防尘,刨花,...	对液体,油,...	

▶ 技术图纸

	无机头,短活塞杆	无机头,长活塞杆	带钢制端头	带塑料端头	带波纹管和钢制端头	带波纹管和塑料端头
	N D -A	N E -A	N S -A	N K -A	N B S -A	N B K -A
STANDARD ENERGY						
HIGH ENERGY						
ADJUSTABLE ENERGY						

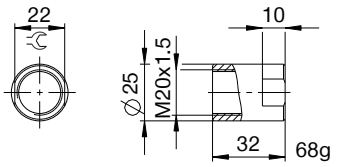
	无机头,短活塞杆	无机头,长活塞杆	带钢制端头	带塑料端头
	L D -A	L E -A	L S -A	L K -A
HIGH ENERGY				
ADJUSTABLE ENERGY				

工业缓冲器 POWERSTOP
M20X1.5 螺纹

▶ 配件

行	定购编号	配件	注释
1	**PAH20X15-A**	挡停环	包括 1x PVM20X15-A。带波纹管的工业缓冲器除外。
2	**PSH20X15-B**	传感器停止套	包括 1x PVM20x15-A。只能通过带钢制或塑料端头的工业缓冲器进行检测。带波纹管的工业缓冲器除外。电感传感器, PNP (NC), PUR 电缆 2 m, 防护等级 IP67。更多信息请参见单独的数据表。
3	**PBV20X15ND-A**	标准行程螺栓预支护 防护装置:无防护装置	最大碰撞角 30°。仅与无保护和无端头的工业缓冲器相结合, 可以使用短活塞杆。锁紧螺母 PVM25X15-A, 适用于螺栓预支护外螺纹。
4	**PBV20X15NF-A**	标准行程螺栓预支护 防护装置:毡垫圈 (Filz)	最大碰撞角 30°。仅与无保护和无端头的工业缓冲器相结合, 可以使用短活塞杆。锁紧螺母 PVM25X15-A, 适用于螺栓预支护外螺纹。
5	**PBV20X15NA-A**	标准行程螺栓预支护 防护装置:刮擦器 (NBR)	最大碰撞角 30°。仅与无保护和无端头的工业缓冲器相结合, 可以使用短活塞杆。锁紧螺母 PVM25X15-A, 适用于螺栓预支护外螺纹。
6	**PBV20X15LD-A**	长行程螺栓预支护 防护装置:无防护装置	最大碰撞角 30°。仅与无保护和无端头的工业缓冲器相结合, 可以使用短活塞杆。锁紧螺母 PVM25X15-A, 适用于螺栓预支护外螺纹。
7	**PBV20X15LF-A**	长行程螺栓预支护 防护装置:毡垫圈 (Filz)	最大碰撞角 30°。仅与无保护和无端头的工业缓冲器相结合, 可以使用短活塞杆。锁紧螺母 PVM25X15-A, 适用于螺栓预支护外螺纹。
8	**PBV20X15LA-A**	长行程螺栓预支护 防护装置:刮擦器 (NBR)	最大碰撞角 30°。仅与无保护和无端头的工业缓冲器相结合, 可以使用短活塞杆。锁紧螺母 PVM25X15-A, 适用于螺栓预支护外螺纹。
9	**PKS20X15-A**	夹紧法兰正交旋装	螺栓拧紧力矩最大 10 Nm。
10	**PKP20X15-A**	夹紧法兰平行旋装	螺栓拧紧力矩最大 5 Nm。
11	**PVM20X15-A**	不锈钢锁销	包含在工业缓冲器供货范围内。
12	**PDD20X15-A**	压力腔室的密封	建议使用 PVM20X15-A 固定。密封件必须在两侧覆盖整个表面。

1



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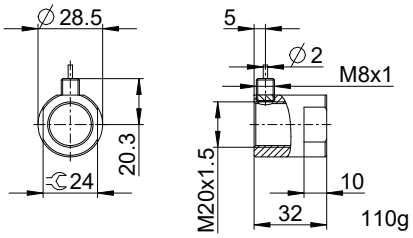

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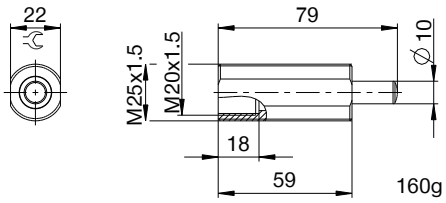

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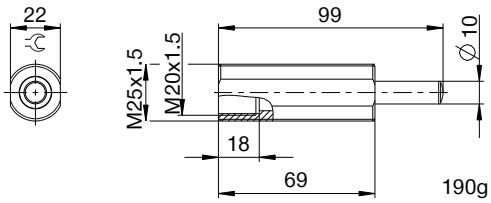

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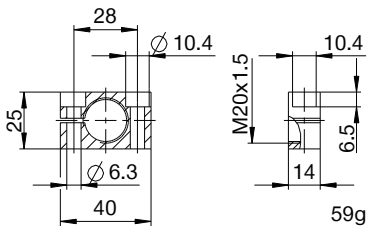

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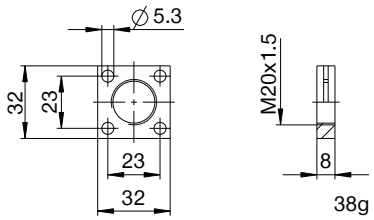

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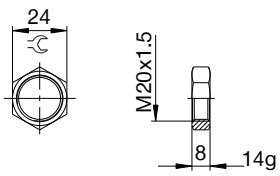

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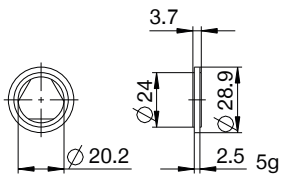

▶ 术语汇编

P HE 20X15 L H A K -A

设计

P 工业缓冲器 PowerStop

系列

ME Mini Energy

SE Standard Energy

HE High Energy

AE Adjustable Energy

螺纹

20 螺纹额定直径

X

15 螺距(系数 10)

行程款式

N 标准行程

L 长行程

硬度

H Hard (0.1 - 1.2 m/s; Adjustable Energy: 0.1 - 5 m/s)

M Medium (0.8 - 2.2 m/s)

S Soft (1.8 - 3.5 m/s)

W Supersoft (3 - 5 m/s)

防护装置

D 无防护装置

F 毡垫圈

A 刮擦器 (NBR)

B 波纹管 (TPE)

端头

D 无机头, 短活塞杆

E 无机头, 长活塞杆

S 带钢制端头

K 带塑料端头

版本

-A 版本处理从 A 到 Z