

ISO 15552 Stainless Steel Cylinders

Bores from 32 mm. to 200 mm.



Mirror polishing of surfaces

Replaceable cushion seals

Piston rod seal resistant to aggressive chemicals



316L

Corrosion proof

Fully made of AISI 316L Stainless Steel



Suitable for Food & Beverage

According to Regulation 1935/2004/EC



RoHS compliant

According to Directive 2002/95/EC



Suitable for Food contact

Lubrication with synthetic non-toxic grease

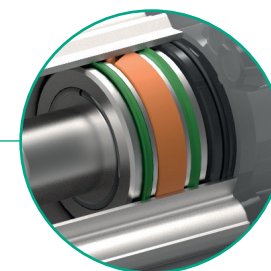
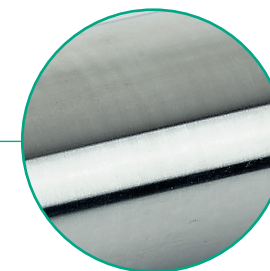


A.P.I. quality

100% tested products



Designed without cavities to prevent settling of impurities



Metallic magnetic piston with elastic damper integrated

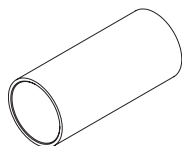
Series AMX



Bores

32 ÷ 200

Tube profile



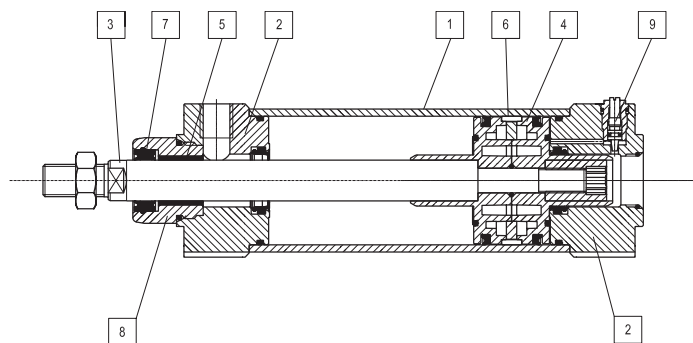
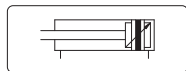
Options*

	Through rod	P		Without adjustable cushionings	D
	High temp. FKM seals -20°C ÷ +150°C	V		Adjustable rear cushionings only	D1
	Scraper ring FKM seals -20°C ÷ +80°C	V1		Adjustable front cushionings only	D2
	Low temp. EPDM seals -40°C ÷ +80°C	BT		Special male thread	R-M
	Tandem forward piston coupled	TA1		Female thread	F
	Tandem forward piston independent	TA2		Protection bellow	Z
	Tandem back to back	TA3		Special versions on request	/S
	Tandem front to front	TA4		ATEX compliance	AX
	Extended rod	WH			

* the options can be combined when is possible

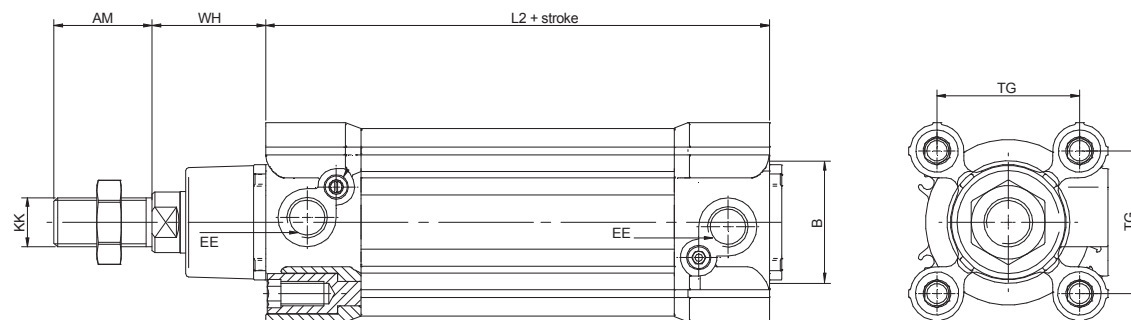
Series AMX

Bores from 32 mm. to 200 mm.



Materials (standard types)

1	Tube and tie-rods	Stainless steel AISI 316L
2	Heads	Stainless steel AISI 316L
3	Rod	Stainless steel AISI 316L, lapped
4	Piston	Die-cast aluminium
5	Bushing	Self-lubricating sintered bronze
6	Guide ring	Natural Delrin
7	Rod seals	Special polyurethane
8	Disassembling nose	Stainless steel AISI 316L
9	Group cushioning screw	Stainless steel AISI 316L
Other seals		Nitrile rubber NBR/polyurethane



Main ISO quotes

Bore (mm)	32	40	50	63	80	100	125	160	200
AM	22	24	32	32	40	40	54	72	72
B Ø d11	30	35	40	45	45	55	60	65	75
L2	94	105	106	121	128	138	160	180	180
TG	32,5	38	46,5	56,5	72	89	110	140	175
WH	26	30	37	37	46	51	65	80	95
KK	M10x1,25	M12x1,25	M16x1,5	M16x1,5	M20x1,5	M20x1,5	M27x2	M36x2	M36x2
EE	G 1/8"	G 1/4"	G 1/4"	G 3/8"	G 3/8"	G 1/2"	G 1/2"	G 3/4"	G 3/4"

Technical data

Bore (mm)		32	40	50	63	80	100	125	160	200
Fluid		Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.								
Pressure		0,5 ÷ 10 bar								
Temperature range		-20°C ÷ +80°C (standard/V1)			-20°C ÷ +150°C (V)			-40°C ÷ +80°C (BT)		
Stroke		from 10 mm to 2500 mm								
Cushion lenght		20	22	25	25	35	35	35	48	48
Ports		1/8"	1/4"		3/8"		1/2"		3/4"	
Rod thread		M10x1,25	M12x1,25	M16 x 1,5		M20 x 1,5		M27 x 2	M36 x 2	
Weight	Stroke zero (g)	860	1350	2290	2940	4960	7030	12730	24780	31320
	Additional 10 mm Stroke (g)	27	35	61	66	106	116	214	331	478

Stainless Steel mounting accessories



Compatibility



- **Clevis** ISO 8140 in AISI 316 Stainless Steel
- **Bearings** head DIN 648-K and ISO 8139 in AISI 316 Stainless Steel
- **Couplings** self aligning in Stainless Steel
- **Mountings** in AISI 316 Stainless Steel

catalogue from page 5.20.1