

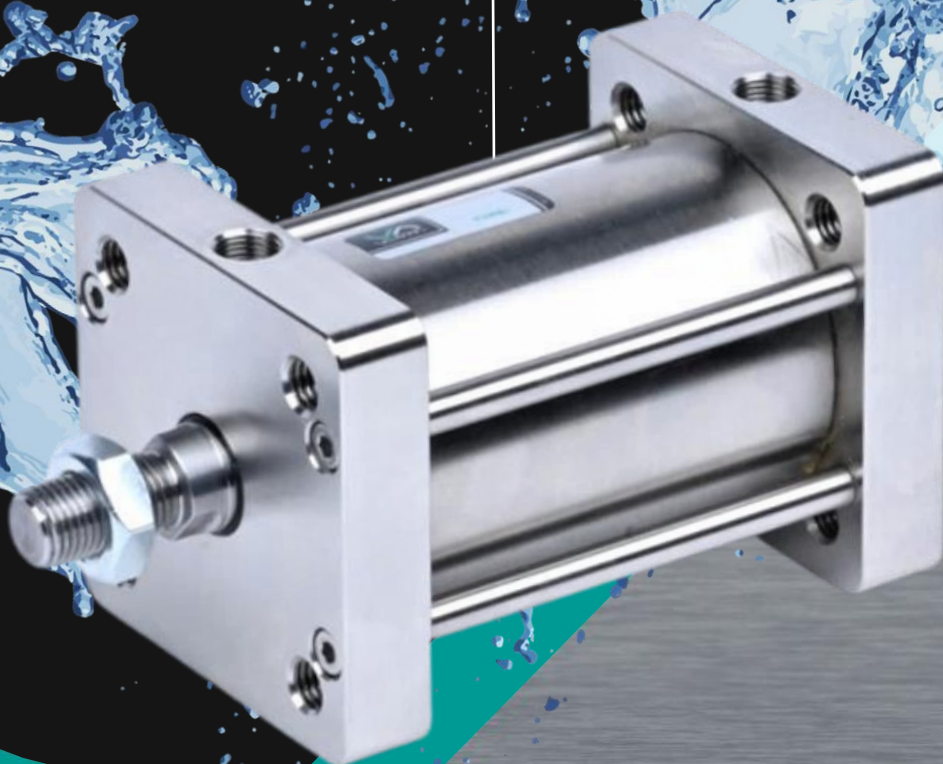
Spotless quality.

STAINLESS STEEL ISO 21287 CYLINDERS

CILINDRI ISO 21287 IN ACCIAIO INOX

Vesta SHX Series

Sizes: $\varnothing 20, 32, 40, 50, 63, 80, 100$
Taglie $\varnothing 20, 32, 40, 50, 63, 80, 100$





TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

End caps / Testate	Stainless steel AISI 316 / Acciaio Inox AISI 316
Piston rod / Stelo	Stainless steel AISI 316 / Acciaio Inox AISI 316
Barrel / Camicia	Stainless steel AISI 316 / Acciaio Inox AISI 316
Seals / Guarnizioni	NBR and PU / NBR e PU
Environment temperature range / Temperatura ambiente	-10 °C ÷ +80 °C
Medium temperature range / Temperatura fluido	0 °C ÷ +40 °C
Lubrication / Lubrificazione	Not required / Non necessaria
Medium / Fluido	Filtered air / Aria filtrata
Max operating pressure / Pressione max d'esercizio	10 bar

SHX □□ / □□□□ □ □ □□

Stainless steel AISI 316 on request
Acciaio Inox AISI 316 su richiesta

Bore Alesaggio (mm):

Ø20	20	Ø50	50
Ø25	25	Ø63	63
Ø32	32	Ø80	80
Ø40	40	Ø100	100

Stroke Corsa (mm):**Male thread** **M**

Filetto maschio

Female thread **F**

Filetto femmina

VS .. High temperature (-25°C / +120°C)
polyurethane rod seal

Guarnizione dello stelo in poliuretano
per alte temperature (-25°C / +120°C)

VV .. High Temperature (-25 / +120 °C)
Polyurethane all seals

Tutte le guarnizioni in Poliuretano
per alte Temperature (-25/+120°C)

SEA .. Simple acting front spring

Semplice effetto molla anteriore

SEP .. Simple acting rear spring

Semplice effetto molla posteriore

P Though rod cylinder

Cilindro stelo passante

AR .. Non rotating

Cilindro antirotazione

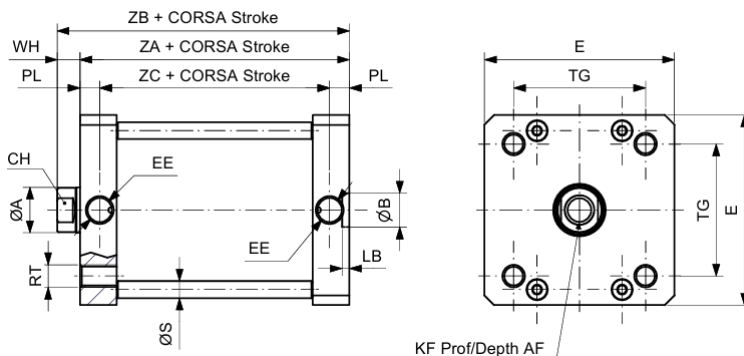
SHX .. / ...

STANDARD CYLINDER / CILINDRO STANDARD FEMALE ROD / STELO FEMMINA



* = Stroke / Corsa

Stainless steel AISI 316 on request
Acciaio Inox AISI 316 su richiesta



Ø	ØA	CH	AF	WH	ZA	ZB	ZC	KF	EE	TG	E	RT	PL	ØB	LB	ØS
20	10	9	10	6	37	43	23.5	M6X1	M5X0.8	22	32	M5X0.8	6.75	9	2.1	6
25	10	9	10	6	39	45	25	M6X1	M5X0.8	26	36	M5X0.8	7	9	2.1	6
32	12	10	12	7	44	51	29	M8X1.25	1/8"G	32.5	50	M6X1	7.5	9	2.1	6
40	12	10	12	7	45	52	31	M8X1.25	1/8"G	38	57	M6X1	7	9	2.1	6
50	16	13	16	8	45	53	31	M10X1.5	1/8"G	46.5	67	M8X1.25	7	12	2.6	6
63	16	13	16	8	49	57	34	M10X1.5	1/8"G	56.5	80	M8X1.25	7.5	12	2.6	8
80	20	17	20	10	54	64	38	M12X1.75	1/8"G	72	96	M10X1.5	8	12	2.6	8
100	25	21	20	10	67	77	46	M12X1.75	1/8"G	89	116	M10X1.5	10.5	12	2.6	10

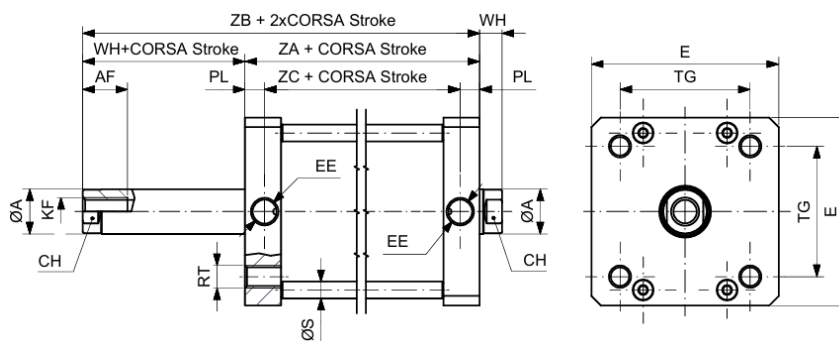
SHX .. / ... -

THROUGH ROD / STELO PASSANTE FEMALE ROD / STELO FEMMINA



* = Stroke / Corsa

Stainless steel AISI 316 on request
Acciaio Inox AISI 316 su richiesta



Ø	ØA	CH	AF	WH	ZA	ZB	ZC	KF	EE	TG	E	RT	PL	ØS
20	10	9	10	6	37	43	23.5	M6X1	M5X0.8	22	32	M5X0.8	6.75	6
25	10	9	10	6	39	45	25	M6X1	M5X0.8	26	36	M5X0.8	7	6
32	12	10	12	7	44	51	29	M8X1.25	1/8"G	32.5	50	M6X1	7.5	6
40	12	10	12	7	45	52	31	M8X1.25	1/8"G	38	57	M6X1	7	6
50	16	13	16	8	45	53	31	M10X1.5	1/8"G	46.5	67	M8X1.25	7	6
63	16	13	16	8	49	57	34	M10X1.5	1/8"G	56.5	80	M8X1.25	7.5	8
80	20	17	20	10	54	64	38	M12X1.75	1/8"G	72	96	M10X1.5	8	8
100	25	21	20	10	67	77	46	M12X1.75	1/8"G	89	116	M10X1.5	10.5	10

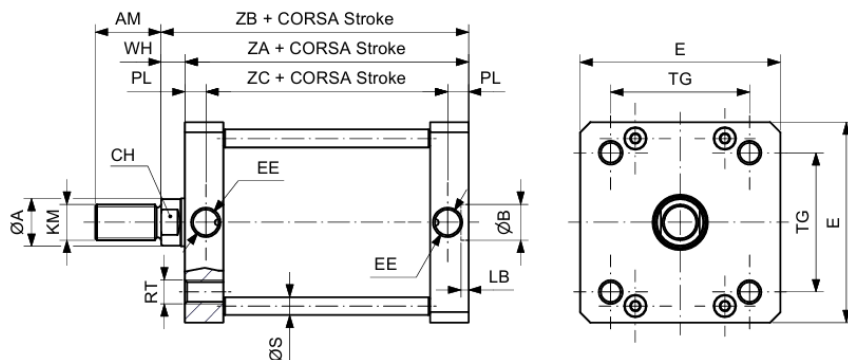
SHX .. / ...

STANDARD CYLINDER / CILINDRO STANDARD MALE ROD / STELO MASCHIO



* = Stroke / Corsa

Stainless steel AISI 316 on request
Acciaio Inox AISI 316 su richiesta



Ø	ØA	CH	AM	WH	ZA	ZB	ZC	KM	EE	TG	E	RT	PL	ØB	LB	ØS
20	10	9	16	6	37	43	23.5	M8X1.25	M5X0.8	22	32	M5X0.8	6.75	9	2.1	6
25	10	9	16	6	39	45	25	M8X1.25	M5X0.8	26	36	M5X0.8	7	9	2.1	6
32	12	10	19	7	44	51	29	M10X1.25	1/8"G	32.5	50	M6X1	7.5	9	2.1	6
40	12	10	19	7	45	52	31	M10X1.25	1/8"G	38	57	M6X1	7	9	2.1	6
50	16	13	22	8	45	53	31	M12X1.25	1/8"G	46.5	67	M8X1.25	7	12	2.6	6
63	16	13	22	8	49	57	34	M12X1.25	1/8"G	56.5	80	M8X1.25	7.5	12	2.6	8
80	20	17	28	10	54	64	38	M16X1.5	1/8"G	72	96	M10X1.5	8	12	2.6	8
100	25	21	28	10	67	77	46	M16X1.5	1/8"G	89	116	M10X1.5	10.5	12	2.6	10

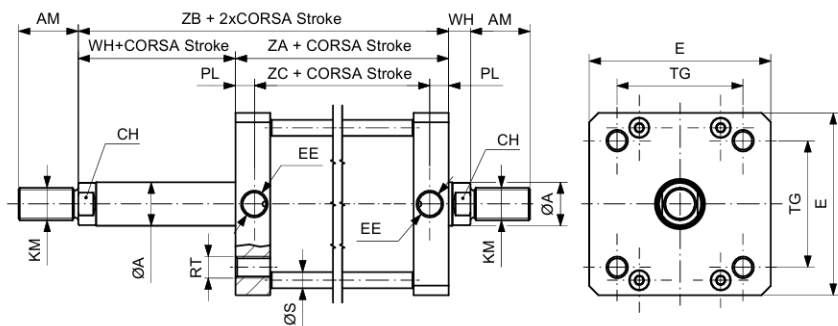
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THROUGH ROD / STELO PASSANTE MALE ROD / STELO MASCHIO



* = Stroke / Corsa

Stainless steel AISI 316 on request
Acciaio Inox AISI 316 su richiesta



Ø	ØA	CH	AM	WH	ZA	ZB	ZC	KM	EE	TG	E	RT	PL	ØS
20	10	9	16	6	37	43	23.5	M8X1.25	M5X0.8	22	32	M5X0.8	6.75	6
25	10	9	16	6	39	45	25	M8X1.25	M5X0.8	26	36	M5X0.8	7	6
32	12	10	19	7	44	51	29	M10X1.25	1/8"G	32.5	50	M6X1	7.5	6
40	12	10	19	7	45	52	31	M10X1.25	1/8"G	38	57	M6X1	7	6
50	16	13	22	8	45	53	31	M12X1.25	1/8"G	46.5	67	M8X1.25	7	6
63	16	13	22	8	49	57	34	M12X1.25	1/8"G	56.5	80	M8X1.25	7.5	8
80	20	17	28	10	54	64	38	M16X1.5	1/8"G	72	96	M10X1.5	8	8
100	25	21	28	10	67	77	46	M16X1.5	1/8"G	89	116	M10X1.5	10.5	10

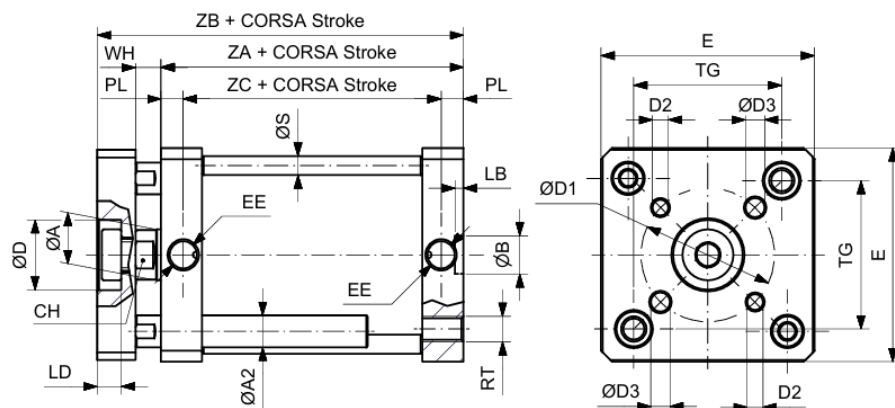
SHX .. / ...

NON ROTATING / ANTIROTAZIONE



* = Stroke / Corsa

Stainless steel AISI 316 on request
Acciaio Inox AISI 316 su richiesta



Ø	ØA	CH	WH	ZA	ZB	ZC	EE	TG	E	RT	PL	ØB	LB	QS	ØD	LD	ØA2	ØD1	D2	ØD3
20	10	9	6	37	51	23.5	M5X0.8	22	32	M5X0.8	6.75	9	2.1	6	11	5	5	17	M4X0.7	4
25	10	9	6	39	53	25	M5X0.8	26	36	M5X0.8	7	9	2.1	6	14	5	6	22	M4X0.7	4
32	12	10	7	44	61	29	1/8"G	32.5	50	M6X1	7.5	9	2.1	6	17	6.5	6	28	M5X0.8	5
40	12	10	7	45	62	31	1/8"G	38	57	M6X1	7	9	2.1	6	17	6.5	8	33	M5X0.8	5
50	16	13	8	45	65	31	1/8"G	46.5	67	M8X1.25	7	12	2.6	6	22	7.5	10	42	M6X1	6
63	16	13	8	49	69	34	1/8"G	56.5	80	M8X1.25	7.5	12	2.6	8	22	7.5	10	50	M6X1	6
80	20	17	10	54	78	38	1/8"G	72	96	M10X1.5	8	12	2.6	8	28	10.5	12	65	M8X1.25	8
100	25	21	10	67	91	46	1/8"G	89	116	M10X1.5	10.5	12	2.6	10	30	10.5	12	80	M10X1.5	10



STAINLESS STEEL ACCESSORIES - ISO 15552

ACCESSORI INOX - STANDARD ISO 15552

All fixing accessories are available in stainless steel AISI 316 / Tutti i fissaggi sono disponibili in acciaio Inox AISI 316.

	XPNX/..	XFLNX/..	XCFNX/..	XCMNX/..	XCINX/..	XASNX/..	FSNX/..	DSNX/..	USCNX/..
Bore Alesaggio									
32	XPNX/32	XFLNX/32	XCFNX/32	XCMNX/32	XCINX/32	XASNX/32	FSNX/10x1,25	DSNX/10x1,25	USCNX/32
40	XPNX/40	XFLNX/40	XCFNX/40	XCMNX/40	XCINX/40	XASNX/40	FSNX/12x1,25	DSNX/12x1,25	USCNX/40
50	XPNX/50	XFLNX/50	XCFNX/50	XCMNX/50	XCINX/50	XASNX/50	FSNX/16x1,5	DSNX/16x1,5	USCNX/50
63	XPNX/63	XFLNX/63	XCFNX/63	XCMNX/63	XCINX/63	XASNX/63	FSNX/16x1,5	DSNX/16x1,5	USCNX/63
80	XPNX/80	XFLNX/80	XCFNX/80	XCMNX/80	XCINX/80	XASNX/80	FSNX/20x1,5	DSNX/20x1,5	USCNX/80
100	XPNX/100	XFLNX/100	XCFNX/100	XCMNX/100	XCINX/100	XASNX/100	FSNX/20x1,5	DSNX/20x1,5	USCNX/100

Fixing accessories for size 125, 160, 200 available on request / Fissaggi per taglie 125, 160, 200 disponibili su richiesta.

MAGNETIC SWITCHES / SENSORI MAGNETICI

VT...-

R

E

VT □□-□□

Type / Tipo
R Reed / meccanico
E Solid state / Elettronico

Cables / Cavi
2 2 wires / cavi
3 3 wires / cavi

Connection / Conn.
020 2000 mm
M8 Conn. M8
M12 Conn. M12*

* M12 and other lengths available on request
 * M12 e altre lunghezze disponibili su richiesta

VNPR2HT

EXTREME TEMPERATURE SWITCH
 TEMP. RANGE: -20°C / + 120°C

FJS...VN

TIE ROD CLINDERS MOUNTING
 MONTAGGIO SU CILINDRI A TIRANTI



FJS... VN
 Bore / Alesaggio
 example: Ø160...160



CUSTOM CYLINDERS FOR FOOD PROCESS

CILINDRI CUSTOM PER IL PROCESSO ALIMENTARE

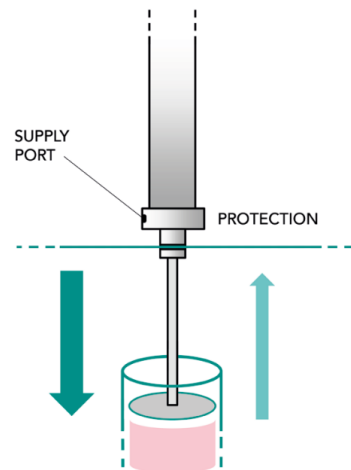
Food and beverage process require components that are easy to **assembly and disassembly**, along with the possibility to be frequently washed. **Smooth and clean shapes** are crucial for this function, with components that must provide high and precise performances in very harsh environments and **direct contact with raw food**.

*Il processo alimentare ed il beverage richiedono componenti **facili da montare e smontare**, oltre alla possibilità di essere lavati frequentemente. **Forme lisce e pulite sono fondamentali** per questa funzione, con componenti che devono fornire prestazioni elevate e precise in ambienti gravosi, e **a contatto diretto con il cibo**.*



With 35+ years of experience in the **meat process and dairy industry**, Vesta Automation developed numerous cylinders in full AISI 304 stainless steel material **with tailor-made dimensions, custom mechanical functions** and extreme resistance to detergents and hot high-pressure water, along with complete food grade compatibility.

*Con oltre 35 anni di esperienza nei **settori della carne e caseario**, Vesta Automation ha sviluppato numerosi **cilindri in Inox AISI 304** con **dimensioni personalizzate, funzioni meccaniche custom** ed estrema resistenza a detersivi e acqua calda ad alta pressione (lavaggio), oltre alla totale compatibilità dei materiali con gli alimenti.*



STAINLESS STEEL CYLINDERS IN VESTA RANGE

CILINDRI INOX NEL RANGE VESTA

FCX

ø32, 40, 50, 63

**Inspectionable round cylinders in AISI304
with food & beverage grade seals**

*Cilindri tondi con testate ispezionabili in AISI304
con guarnizioni e materiali per uso alimentare*



ALX / DLX

ø10, 12, 16, 20, 25

ISO 6432 cushioning cylinders in AISI304/316

Cilindri ISO 6432 mag./amm. in AISI304/316



HVX

ø32, 40, 50, 63, 80, 100, 125 (160, 200)

ISO 15552 cushioning cylinders in AISI316

Cilindri ISO 15552 mag./amm. in Inox AISI316



GLX

ø25, 32, 40, 50, 63, 80, 100

ISO 6432/15552 compliant units H in AISI304/316

Guide H per ISO 6432/15552 in Inox AISI304/316



SHX

ø16, 20, 25, 32, 40, 50, 63, 80, 100

ISO 21287 magnetic cylinders in AISI304/316

Cilindri ISO 21287 magnetici in Inox AISI304/316

