

TWIN PISTON RODS PNEUMATIC CYLINDERS CILINDRI ANTIROTAZIONE A STELI GEMELLATI

SERIE AW2 - AW3 - AW4

- 2 basic cylinder (twin piston rods)
cilindro base steli gemellati
- 3 cylinder with twin piston rods and through piston rod
cilindro steli gemellati con stelo trapassante
- 4 cylinder with twin piston rods and two through piston rods
cilindro steli gemellati con due steli trapassanti

AW - -

Bore / Alesaggio (mm):

Ø32 **32**; Ø63 **63**;
Ø40 **40**; Ø80 **80**;
Ø50 **50**; Ø100 **100**.

Stroke
Corsa
(mm):

Bore Alesaggio	25	50	80	100	Standard stroke / Corsa Standard													
	125	160	200	250	300	350	400	450	500									
32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
63	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Features of reed switches see:
Caratteristiche finecorsa magnetici: **Pag. A-19.**

TECHNICAL FEATURES

Heads Aluminium alloy.
Piston rods Stainless steel X20 Cr 13.
Barrel Extruded profiled aluminium tube.
Seals NBR rubber and polyurethane.
Cushioning Pneumatic adjusting cushions.

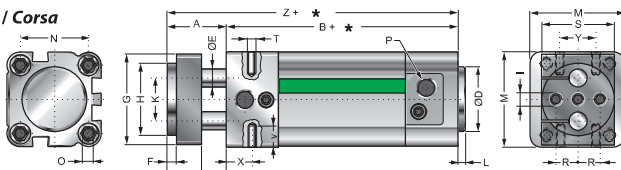
Environment temperature range -10 °C ÷ +80 °C.
Temperature range of medium 0 °C ÷ +40 °C.
Lubrication Not required.
Medium filtered air.
Max operating pressure 10 bar.

CARATTERISTICHE TECNICHE

Testate Lega di alluminio.
Steli Acciaio inox X20 Cr 13.
Camicia Tubo profilato ed anodizzato d' alluminio.
Guarnizioni In NBR e poliuretano.
Ammortizzatori Pneumatici regolabili progressivi.

Temperatura ambiente -10 °C ÷ +80 °C.
Temperatura fluido 0 °C ÷ +40 °C.
Lubrificazione Non necessaria.
Fluido Aria filtrata.
Pressione max d'esercizio 10 bar.

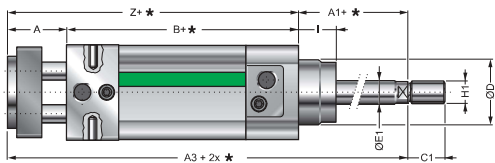
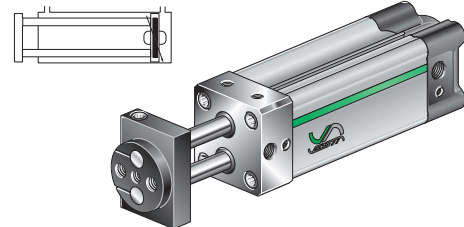
* = Stroke / Corsa



TWIN PISTON RODS BASIC CYLINDER CILINDRO BASE STELI GEMELLATI

AW2-...-...

Bore Alesaggio	A	B	C	ØD	ØE	F	G	ØH	ØI	L	M	N	ØO	ØP	R	S	ØT	V	W	X	Y	Z	K
32	26	102	15	30	8	4	40	32	M6	4	45	32,5	M6	G1/8	9,5	32	M5	10	11	15	16	128	18
40	30	112	15	35	10	4	45	40	M8	4	55	38	M6	G1/4	11,5	40	M6	10	15	17,5	21	142	21
50	34	117	18	40	12	5	55	50	M8	4	65	46,5	M8	G1/4	15	50	M8	12	16	16	24	151	26
63	36	124	22	45	16	5	70	63	M10	4	80	56,5	M8	G3/8	19	63	M8	12	14	18	33	160	35
80	38	136	22	45	20	5	95	80	M12	4	100	72	M10	G3/8	25	80	M10	18	16	19	40	174	46
100	38	143	22	55	20	5	115	100	M12	4	115	89	M10	G1/2	35	100	M10	18	16	19	58	181	70

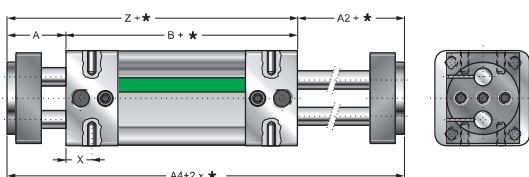
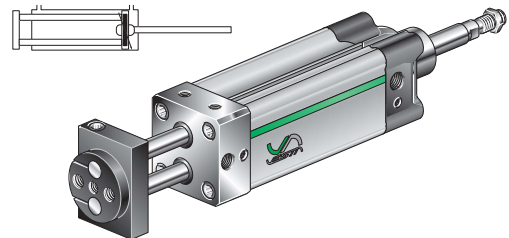


TWIN PISTON RODS CYLINDER+THROUGH PISTON ROD CILINDRO STELI GEMELLATI+STELO TRAPASSANTE

AW3-...-...

Bore Alesaggio	A	A1	A3	B	C1	CH	ØD	ØE1	I	ØH1
32	26	26	154	102	20	10	30	12	18	M10x1,25
40	30	30	172	112	24	13	35	16	21,5	M12x1,25
50	34	37	188	117	32	17	40	20	28	M16x1,5
63	36	37	197	124	32	17	45	20	28,5	M16x1,5
80	38	46	220	136	40	21	45	25	34,5	M20x1,5
100	38	51	232	143	40	25	55	30	38	M20x1,5

* = Stroke / Corsa

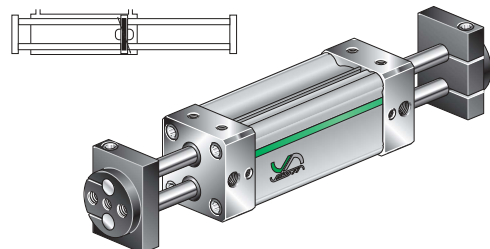


CYLINDER THROUGH TWIN PISTON RODS CILINDRO STELI GEMELLATI PASSANTI

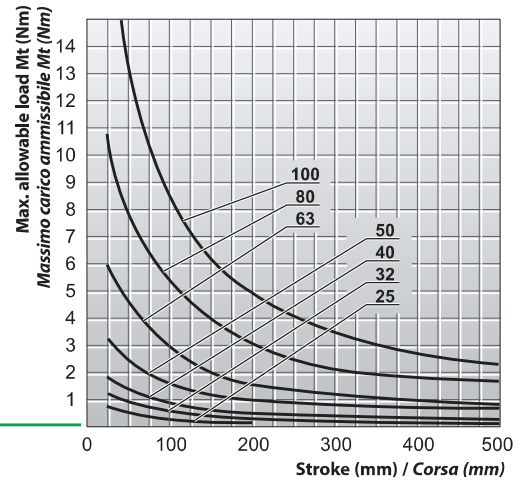
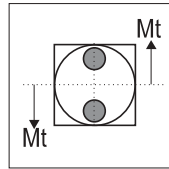
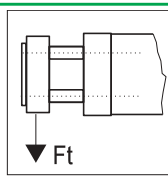
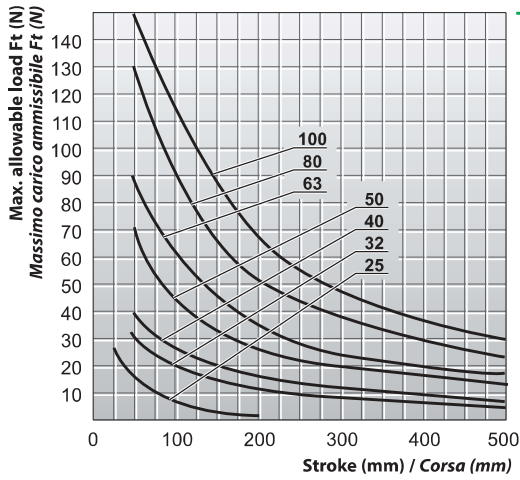
AW4-...-...

Bore Alesaggio	A	A2	A4	B	X	Z
32	26	26	154	102	15	128
40	30	30	172	112	17,5	142
50	34	34	185	117	16	151
63	36	36	196	125	18	160
80	38	38	212	136	19	174
100	38	38	219	143	19	181

* = Stroke / Corsa

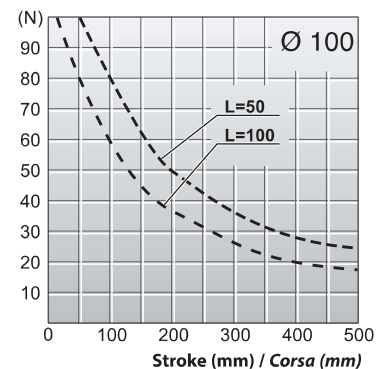
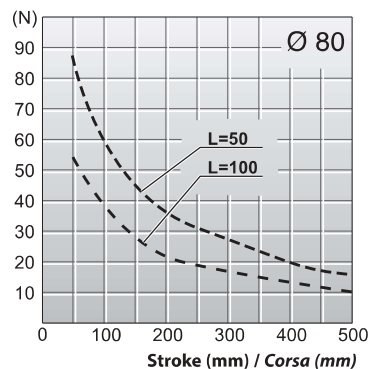
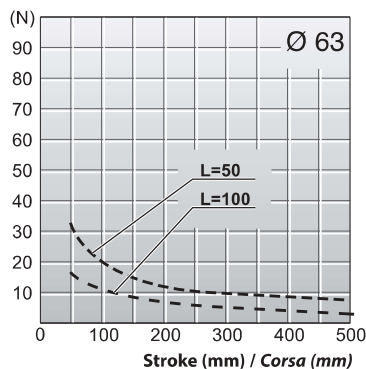
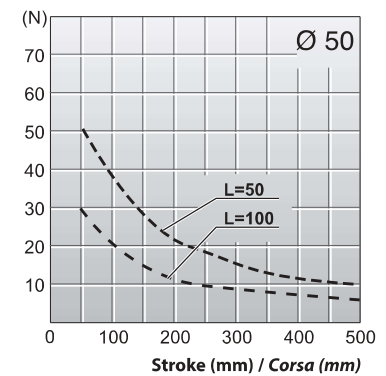
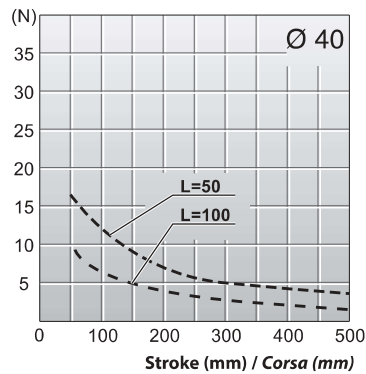
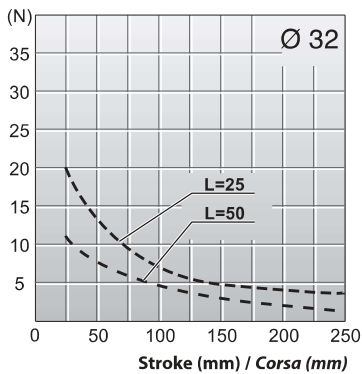
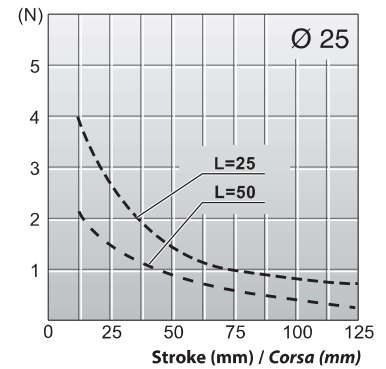
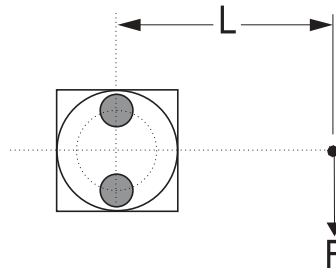


TRANSVERSE FORCE GRAPH AND TORQUE GRAPH AW2 SERIES DIAGRAMMI DI FLESSIONE E MOMENTO TORCENTE SERIE AW2



BENDINGS MOMENTS GRAPH AW2 SERIES DIAGRAMMI DI FLESSOTORSIONE SERIE AW2

Maximum allowable load F (N)
Massimo carico F (N)



FIXING ACCESSORIES FOR AW2, AW3 AND AW4 CYLINDER / ACCESSORI DI FISSAGGIO PER CILINDRI AW2, AW3 E AW4

For fixing accessories on double piston roded units, please contact our technical sales department.
The accessories can be mounted on the profiled tube or on the end-caps using standard fixings, see pp. **A-22 ÷ A-26**.

*Per i fissaggi da applicare alla testata a doppio stelo si prega di consultare il nostro ufficio tecnico-commerciale.
I fissaggi che possono essere montati sulla camicia o sulla testata posteriore sono fissaggi standard specificati a pp. **A-22 ÷ A-26**.*

SEALS KIT
KIT GUARNIZIONI DI RICAMBIO

..... - SG

Seals kit code = **Antirotaion cylinder code + Bore + - SG:**
(The kit includes all seals).

Codice del kit = **Codice del cilindro antirotazione + Alesaggio + - SG:**
(Il kit comprende tutte le guarnizioni necessarie).

Example / Esempio: **AW3 50 - SG**

