SERIE AW1 - AW5 - AW7

HOLED TELESCOPIC PISTON RODS CYLINDERS
CILINDRI A STELI CAVI

AW □-□□-□□□

1 cylinder with holed telescopic piston rod
cilindro con stelo cavo passante interno

5 twin holed telescopic piston rods cylinder
cilindro antirotazione con 2 steli gemellati cavi

7 triple holed telescopic piston rods cylinder
cilindro antirotazione con 3 steli cavi

Bore / *Alesaggio* (mm):
Ø32 ..... **32**;
Ø40 ..... **40**;
Ø50 ..... **50**;
Ø63 ..... **63**.

Stroke / *Corsa* (mm):

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

TECHNICAL FEATURES

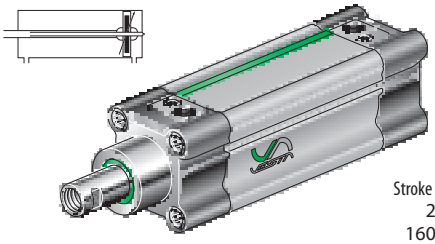
End caps	Aluminium alloy.
Piston rod	Chromium-plated and rectifield steel.
Barrel	Extruded profiled aluminium tube.
Seals	NBR rubber and polyurethane.
Cushioning	Micrometric control.
Environment temperature range	-10 °C ÷ +80 °C.
Temperature range of medium	0 °C ÷ +40 °C.
Lubrication	Not required.
Medium	filtered air.
Max operating pressure	10 bar.

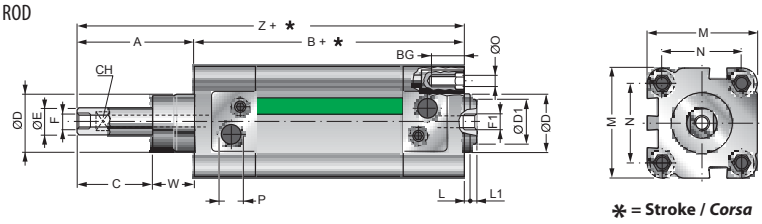
CARATTERISTICHE TECNICHE

Testate	*Lega di alluminio.*
Stelo	*Acciaio cromato rettificato.*
Camicia	*Tubo profilato ed anodizzato d' alluminio.*
Guarnizioni	*In NBR e poliuretano.*
Ammortizzatori	*Con regolazione micrometrica.*
Temperatura ambiente	*-10 °C ÷ +80 °C.*
Temperatura fluido	*0 °C ÷ +40 °C.*
Lubrificazione	*Non necessaria.*
Fluido	*Aria filtrata.*
Pressione max d'esercizio	*10 bar.*

AW1-..-...

SINGLE HOLED TELESCOPIC PISTON ROD
CILINDRO STELO CAVO TELESCOPICO





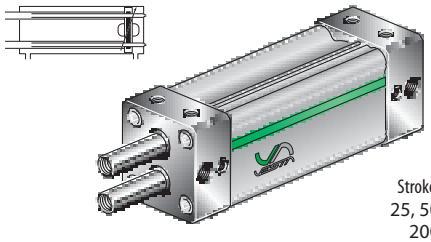
✱ = Stroke / *Corsa*

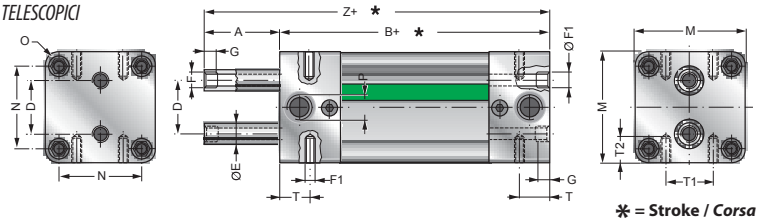
Bore *Alesaggio*	A	B	BG	C	CH	ØD	ØD1	ØE	F	F1	L	L1	M	N	ØO	ØP	W	Z
32	37	94	15	19	11	30	24	27	12	G1/8	G1/8	4	45	32,5	M6	G1/8	18	131
40	40	105	15	18,5	14	35	35	16	G1/4	G1/8	4	5	54	38	M6	G1/4	21,5	145
50	41	106	15	13	18	40	40	20	G3/8	G1/8	4	5	64	46,5	M8	G1/4	28	147

Stroke / *Corsa* (mm):
25, 50, 100,
160, 200, 300.

AW5-..-...

TWIN HOLED TELESCOPIC PISTON RODS CYLINDER
CILINDRO A 2 STELI GEMELLATI CAVI TELESCOPICI





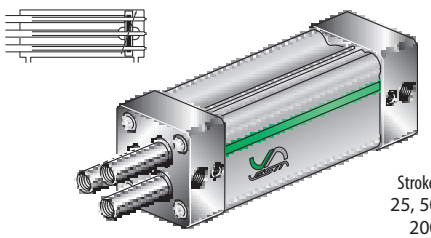
✱ = Stroke / *Corsa*

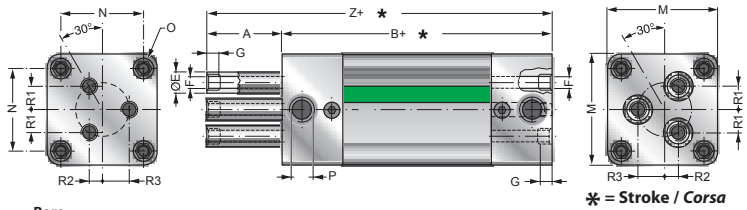
Bore *Alesaggio*	A	B	D	ØE	ØF1	ØF	G	M	N	ØO	ØP	T	T1	T2	Z
40	40	125	21	12	G1/8	G1/8	8	55	38	M6	G1/4	17	21	10	165
50	40	136	28	16	G1/4	G1/4	11	65	46,5	M8	G1/4	18	24	12	176
63	40	133	35	16	G1/4	G1/4	11	80	56,5	M8	G3/8	18	33	14	173

Stroke / *Corsa* (mm):
25, 50, 100, 160,
200, 250, 300.

AW7-..-...

TRIPLE HOLED TELESCOPIC PISTON RODS CYLINDER
CILINDRO A 3 STELI GEMELLATI CAVI TELESCOPICI





✱ = Stroke / *Corsa*

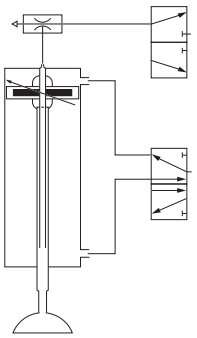
Bore *Alesaggio*	A	B	ØE	F	G	M	N	O	P	R1	R2	R3	Z
40	40	125	12	G1/8	8	55	38	M6	G1/4	9,3	5,4	10,8	165
50	40	135	12	G1/8	8	65	46,5	M8	G1/4	13,4	7,75	15,5	175
63	40	133	16	G1/4	11	80	56,5	M8	G3/8	15,2	8,75	17,5	173

Stroke / *Corsa* (mm):
25, 50, 100, 160,
200, 250, 300.

EXAMPLE OF APPLICATION HOLED CYLINDERS AW1, AW5, AW7 AND GRIPPERS SERIES MH
ESEMPIO DI IMPIEGO DEI CILINDRI CAVI SERIE AW1, AW5, AW7 E MANI DI PRESA SERIE MH

EXAMPLE OF APPLICATION
ESEMPIO DI IMPIEGO

AW1... + ...

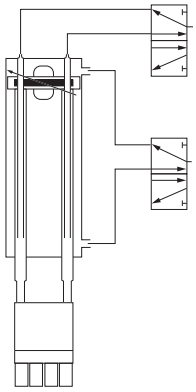


Valve to operate vacuum generator
Valvola di alimentazione generatore per vuoto

Valve to operate double acting cylinder
Valvola di comando cilindro doppio effetto

EXAMPLE OF APPLICATION
ESEMPIO DI IMPIEGO

AW5... + MH...

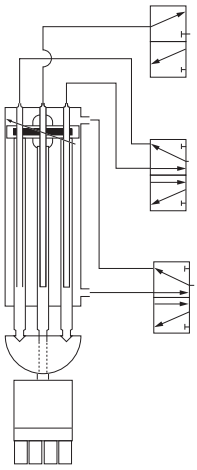


Valve to operate double acting gripper
Valvola di comando mano di presa a doppio effetto

Valve to operate double acting cylinder
Valvola di comando cilindro doppio effetto

EXAMPLE OF APPLICATION
ESEMPIO DI IMPIEGO

AW7... + MH...



Valve to operate single acting gripper
Valvola di comando mano di presa a semplice effetto

Valve to operate double acting gripper rotary unit
Valvola di comando cilindro rotante doppio effetto

Valve to operate double acting cylinder
Valvola di comando cilindro doppio effetto

For further information about special application, please contact our technical sales office
Per altre applicazioni delle mani di presa o assembaggi di componenti speciali contattare il nostro ufficio tecnico commerciale

SEALS KIT
KIT GUARNIZIONI DI RICAMBIO **..... - SG**

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

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

Example / *Esempio:* **AW7 50 - SG**