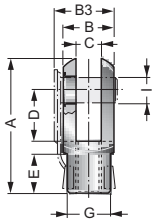
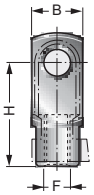
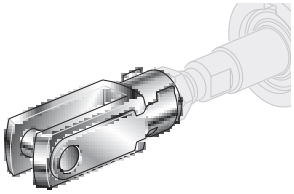
CLEVIS (ROD) MOUNTING / *FORCELLA STELO* — FS/..x..

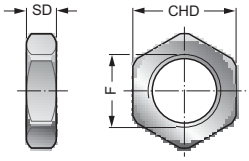


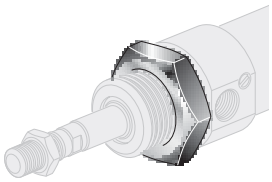




Bore *Alesaggio*	A	B	B3	C^{B12}	D	E	ØF	ØG	H	$ØI^{H9}$	Code *Codice*
12	31	12	16	6	12	9	M6x1	10	24	6	FS/6x1
16	31	12	16	6	12	9	M6x1	10	24	6	FS/6x1
20	42	16	22	8	16	12	M8x1,25	14	32	8	FS/8x1,25
25	52	20	26	10	20	15	M10x1,25	18	40	10	FS/10x1,25

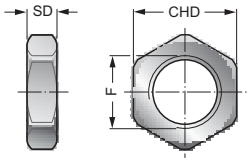
CAP NUT / *DADO TESTATA* — DM../..

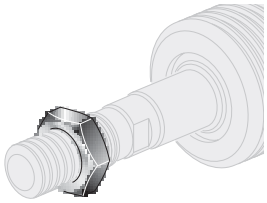




Bore *Alesaggio*	CHD	SD	ØF	Code *Codice*
12	24	8	M16x1,5	DM12/16
16	24	8	M16x1,5	DM12/16
20	32	10	M22x1,5	DM20/25
25	32	10	M22x1,5	DM20/25

ROD NUT / *DADO STELO* — DS../..





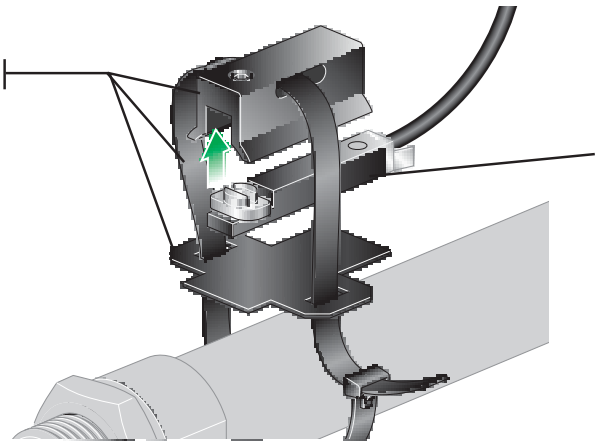
Bore *Alesaggio*	CHD	SD	ØF	Code *Codice*
12	10	4	M6x1	DS12/16
16	10	4	M6x1	DS12/16
20	13	5	M8x1,25	DS/20
25	17	6	M10x1,25	DS/25

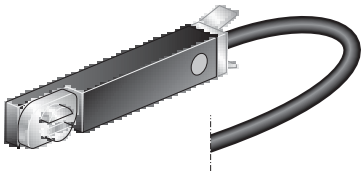
MAGNETIC SWITCHES FOR ISO 6432 CYLINDER / *FINECORSA MAGNETICI PER CILINDRI ISO 6432*

FFS 0 1 VN

Bore
Alesaggio
(mm):

Ø12 ... **12**
Ø16 ... **16**
Ø20 ... **20**
Ø25 ... **25**



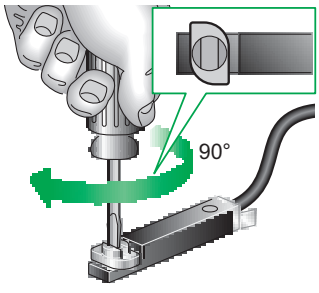


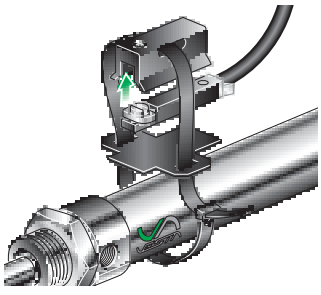
For magnetic switches features see:
Caratteristiche finecorsa magnetici vedi:

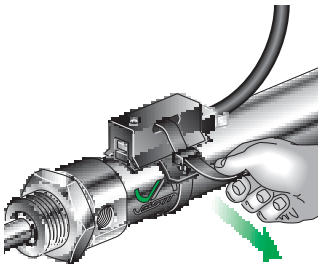
VNCR2, VNPR2, VNCE3, VNPE3.

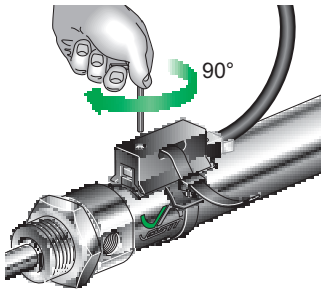
Pag. A-19

MAGNETIC SWITCH POSITIONING / *POSIZIONAMENTO DEI FINECORSA MAGNETICI*







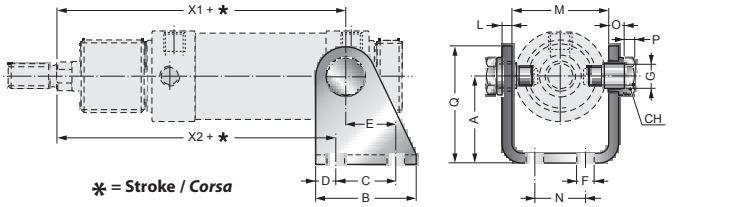


FIXING ACCESSORIES FOR ACMT AND DVMT / *ACCESSORI DI FISSAGGIO PER ACMT E DVMT*

Note: the fixing screws are not included in the supply of the fittings */ le viti di fissaggio non sono comprese nella fornitura degli accessori.*

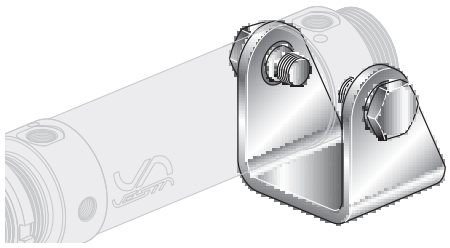
REAR HINGE HORIZONTAL MOUNTING
MONTAGGIO A CONTROCERNIERA

AS/..



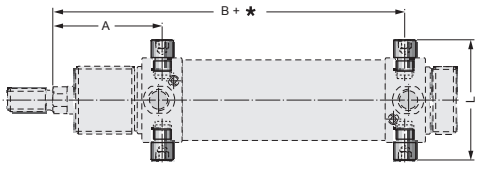
✱ = Stroke / *Corsa*

Bore *Alesaggio*	X1	X2	A	B	C	CH	D	E	ØF	ØG	L	M	N	O	P	Q	Code *Codice*
32	125	121	35	40	24	13	8	20	7	10	4	38,1	20	6	4	47	AS/32
40	146	143	40	50	30	17	10	27	9	12	5	46,1	28	7	5	53	AS/40
50	158	154	45	54	34	19	10	30	9	14	6	57,1	36	8,5	6	59	AS/50



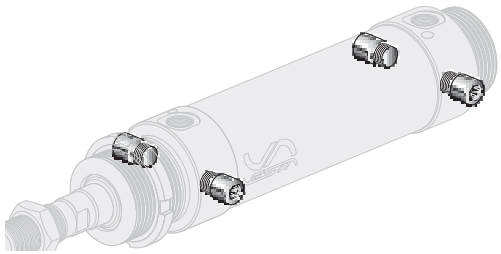
PIVOT FOR FLOATING HINGE MOUNTING
PERNI PER MONTAGGIO A CERNIERA OSCILLANTE

CBF/..



Bore *Alesaggio*	A	B	CH	ØD	H	H1	L	M	Code *Codice*
32	47	125	5	10	8	14	51	M8x1	CBF/32
40	57	146	6	12	9,5	16,5	61	M10x1	CBF/40
50	62	158	6	14	11	20	75	M12x1,5	CBF/50

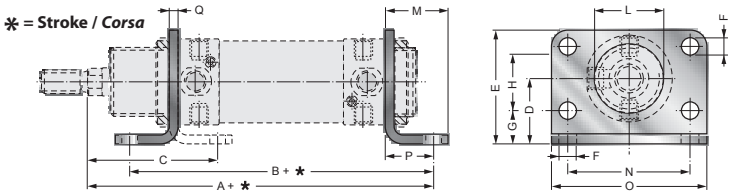
✱ = Stroke / *Corsa*



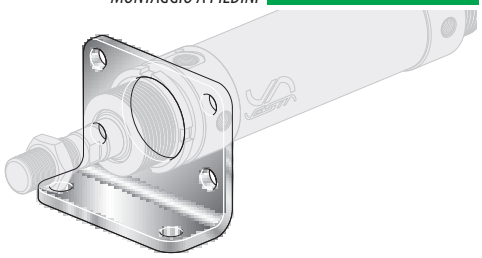
FOOT MOUNTING
MONTAGGIO A PIEDINI

P/..

✱ = Stroke / *Corsa*

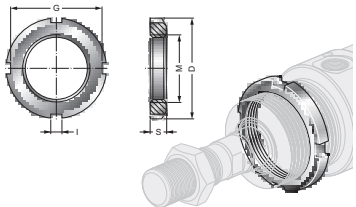


Bore *Alesaggio*	A	B	C	D	E	F	G	H	L	M	N	O	P	Q	Code *Codice*
32	148	124	48	28	49	7	14	28	30	21	52	66	14	4	P/32
40	178	153	60	33	58	9	18	30	38	30	60	80	20	5	P/40
50	190	160	64	40	70	9	20	40	45	30	70	90	20	6	P/50



RING NUT FOR FIXING
GHIERA DI FISSAGGIO

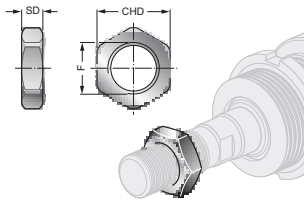
GM/..



Bore *Alesaggio*	ØD	G	I	M	S	Code *Codice*
32	45	40	5	M30x1,5	7	GM/32
40	50	46	5	M38x1,5	8	GM/40
50	58	52	6	M45x1,5	9	GM/50

ROD NUT
DADO STELO

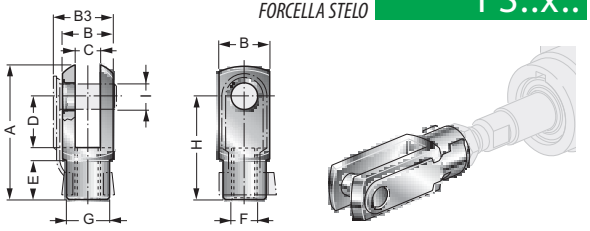
DST/..



Bore *Alesaggio*	CHD	F	SD	Code *Codice*
32	17	M10x1,5	6	DST/32
40	19	M12x1,75	7	DST/40
50	24	M16x2	8	DST/50

CLEVIS (ROD) MOUNTING
FORCELLA STELO

FS..x..

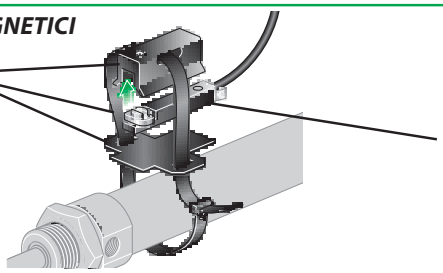


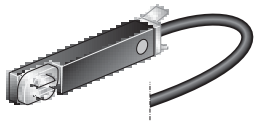
Bore *Alesaggio*	A	B	B3	C^{B12}	D	E	ØF	ØG	H	$ØI^{H9}$	Code *Codice*
32	52	20	26	10	20	15	M10 x 1,5	18	40	10	FS/10x1,5
40	62	24	32	12	24	18	M12 x 1,75	20	48	12	FS/12x1,75
50	83	32	40	16	32	24	M16 x 2	26	64	16	FS/16x2

MAGNETIC SWITCHES / *FINECORSA MAGNETICI*

FFS 0 2 VN

Bore
Alesaggio (mm):
Ø32 ... **32**
Ø40 ... **40**
Ø50 ... **50**

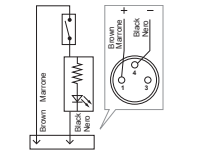




For magnetic switches features see:
Caratteristiche finecorsa magnetici vedi:
VNCR2, VNPR2, VNCE3, VNPE3.
General catalogue ..... Pag. A-19

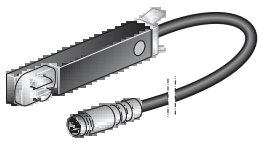
MAGNETIC SWITCHES FOR NWT CYLINDERS / *FINECORSA MAGNETICI PER CILINDRI NWT*

circuit / *circuito*



WITH CONNECTOR
CON CONNETTORE
REED

VNCR2



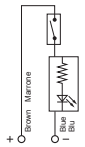
Cable standard lenght / *Lunghezza cavo standard:* 300 mm

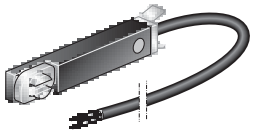
(*) WITH DIRECT CABLE
CON CAVO DIRETTO
REED

VNPR2

circuit / *circuito*

(*)



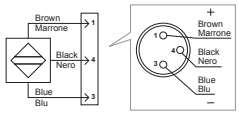


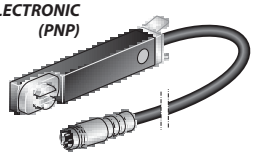
Cable standard lenght / *Lunghezza cavo standard:* 3000 mm

WITH CONNECTOR 3 POLES
CON CONNETTORE 3 POLI
ELECTRONIC (PNP)

VNCE3

circuit / *circuito*



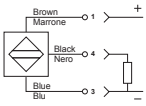


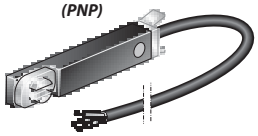
Cable standard lenght / *Lunghezza cavo standard:* 300 mm

WITH DIRECT CABLE 3 POLES
CON CAVO DIRETTO 3 POLI
ELECTRONIC (PNP)

VNPE3

circuit / *circuito*



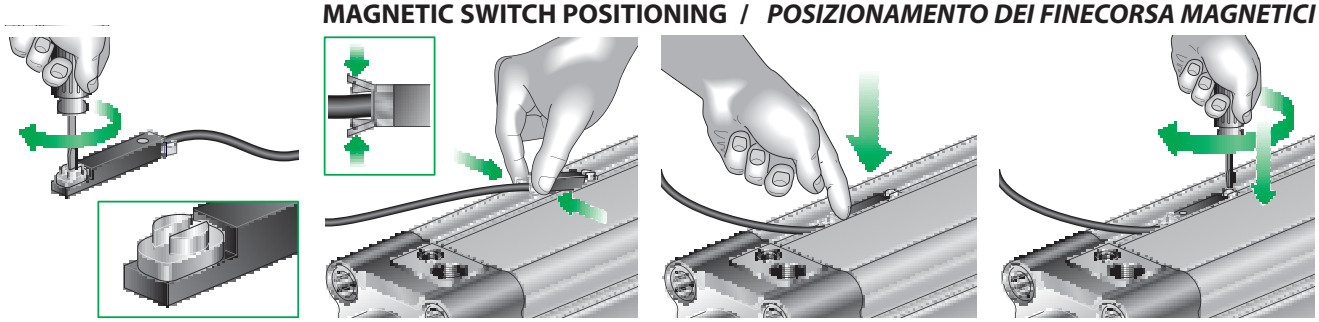


Cable standard lenght / *Lunghezza cavo standard:* 3000 mm

(*) Available on request **VNPR2** for series connection of switches, order code **VNPR3**.
A richiesta é fornibile il sensore **VNPR2** *adatto al collegamento in serie di più sensori, con codice* **VNPR3**.

Code ***Codice***	Voltage range *Tensione max*	Switching current *Corrente a 25 °C*	Switching capacity *Potenza Induttiva*	Degree of protection *Grado di protezione*	Working temperature *Temperatura di lavoro*	ON time *Tempo di inserzione*	OFF time *Tempo di disinserzione*	Electric life *Vita elettrica*	Contact resistance *Resistenza di contatto*	Contact function *Contatto*
	V	mA	VA		°C	-	-	impulsi	Ω	
VNCR2	3-48 AC-DC	100	6	IP67	-20 ÷ +85	0,5 msec	0,1 msec	10^7	0,1	
VNPR2	3-48 AC-DC	100	6	IP67	-20 ÷ +85	0,5 msec	0,1 msec	10^7	0,1	
VNCE3	6-30 DC	200	4	IP67	-20 ÷ +85	0,8 µsec	0,3 µsec	10^9	-	
VNPE3	6-30 DC	200	4	IP67	-20 ÷ +85	0,8 µsec	0,3 µsec	10^9	-	

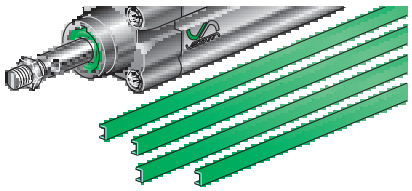
MAGNETIC SWITCH POSITIONING / *POSIZIONAMENTO DEI FINECORSA MAGNETICI*



SPARE PARTS FOR NWT CYLINDERS / *RICAMBI PER CILINDRI NWT*

PLASTIC SLOT COVER
BANDELLA DI COPERTURA CAVA

NWT-PCC



EXTENSION FOR MAGNETIC SWITCH CABLE
PROLUNGA CAVO SENSORE MAGNETICO

VSC-P3 030

3 poles, for reed or electronic switch
3 fili, per sensore reed od elettronico

Standard lenght / *Lunghezza standard*

3000 mm

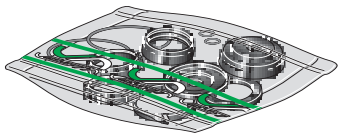
Seals kit code = **Cylinder code** + **Bore** + **Versions** + **- SG**:
(The kit includes all seals).

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

Example / *Esempio:* **NWT 63 P VS - SG**

SEALS KIT
KIT GUARNIZIONI DI RICAMBIO

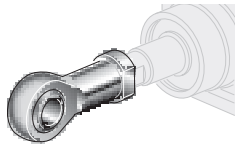
..... - SG

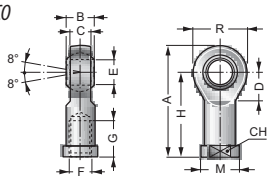


Cilinders fixing for Ø 250 - Ø 320 on request - *Fissaggi per cilindri da Ø 250 a Ø320 a richiesta*

SNS/..

ROD EYE MOUNTING
SNODO SFERICO

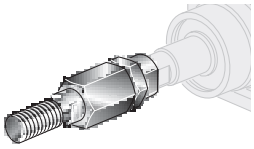


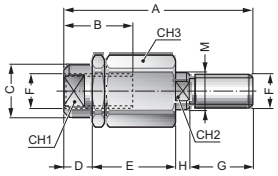


Bore *Alesaggio*	A	B	C	CH	D	ØE^{H7}	ØF	G	H	ØM	R	Code / *Codice*
32	57	14	10,5	17	15	10	M10x1,25	20	43	19	28	SNS/32
40	66	16	12	19	17	12	M12x1,25	22	50	22	32	SNS/40
50	85	21	15	22	23	16	M16x1,5	28	64	27	42	SNS/50-63
63	85	21	15	22	23	16	M16x1,5	28	64	27	42	SNS/50-63
80	102	25	18	30	27	20	M20x1,5	33	77	34	50	SNS/80-100
100	102	25	18	30	27	20	M20x1,5	33	77	34	50	SNS/80-100
125	145	37	25	41	36	30	M27x2	51	110	50	70	SNS/125
160	165	43	28	50	41	35	M36x2	56	125	58	80	SNS/160-200
200	165	43	28	50	41	35	M36x2	56	125	58	80	SNS/160-200

SAS/..

FLOATING JOINT TYPE "S"
SNODO AUTOALLINEANTE

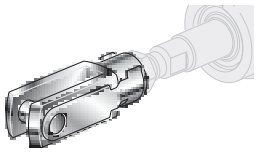


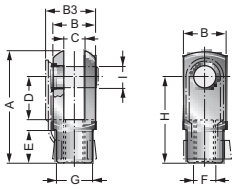


Bore *Alesaggio*	A	B	ØC	CH1	CH2	CH3	D	E	ØF	G	H	ØM	Code / *Codice*
32	71	20	22	19	12	30	11	35	M10x1,25	20	5	14	SAS/32
40	75	20	22	19	12	30	11	35	M12x1,25	24	5	14	SAS/40
50	103	32	32	30	20	41	9	54	M16x1,5	32	8	22	SAS/50-63
63	103	32	32	30	20	41	9	54	M16x1,5	32	8	22	SAS/50-63
80	119	40	32	30	20	41	17	54	M20x1,5	40	8	22	SAS/80-100
100	119	40	32	30	20	41	17	54	M20x1,5	40	8	22	SAS/80-100
125	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-

FS..x..

CLEVIS (ROD) MOUNTING
FORCELLA STELO

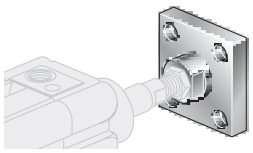


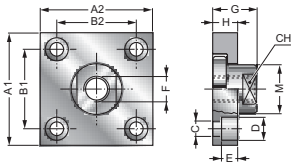


Bore *Alesaggio*	A	B	B3	C^{B12}	D	E	ØF	ØG	H	ØI^{H9}	Code / *Codice*
32	52	20	26	10	20	15	M10x1,25	18	40	10	FS/10x1,25
40	62	24	32	12	24	18	M12x1,25	20	48	12	FS/12x1,25
50	83	32	40	16	32	24	M16x1,5	26	64	16	FS/16x1,5
63	83	32	40	16	32	24	M16x1,5	26	64	16	FS/16x1,5
80	105	40	48	20	40	30	M20x1,5	34	80	20	FS/20x1,5
100	105	40	48	20	40	30	M20x1,5	34	80	20	FS/20x1,5
125	148	55	-	30	54	38	M27x2	48	110	30	FS/27x2
160	188	70	-	35	72	40	M36x2	60	144	35	FS/36x2
200	188	70	-	35	72	40	M36x2	60	144	35	FS/36x2

SAF/..

FLOATING JOINT TYPE "F"
FLANGIA AUTOALLINEANTE

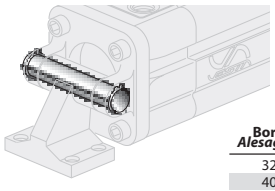


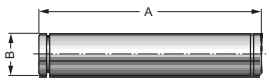


Bore *Alesaggio*	A1	A2	B1	B2	ØC	ØD	E	ØF	G	H	M	CH	Code / *Codice*
32	60	37	36	23	6,6	11	7	M10x1,25	24	15	20	17	SAF32
40	60	56	42	38	9	15	9	M12x1,25	30	20	25	19	SAF40
50	80	80	58	58	11	18	11	M16x1,5	32	20	30	24	SAF50-63
63	80	80	58	58	11	18	11	M16x1,5	32	20	30	24	SAF50-63
80	90	90	65	65	14	20	13	M20x1,5	35	20	40	36	SAF80-100
100	90	90	65	65	14	20	13	M20x1,5	35	20	40	36	SAF80-100
125	90	90	65	65	14	20	13	M27x2	35	20	40	36	SAF125
160	125	125	90	90	18	26	17	M36x2	55	30	60	50	SAF160
200	125	125	90	90	18	26	17	M36x2	55	30	60	50	SAF200

USC/..

CLEVIS PIN
PERNO CERNIERA

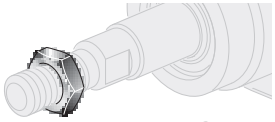


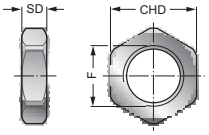


Bore *Alesaggio*	A	ØB^{f7}	Code *Codice*
32	54	10	USC/32
40	63	12	USC/40
50	71	12	USC/50
63	81	16	USC/63
80	101	16	USC/80
100	123	20	USC/100
125	141	25	USC/125
160	182	30	USC/160
200	182	30	USC/200

DM..x..

ROD NUT
DADO STELO





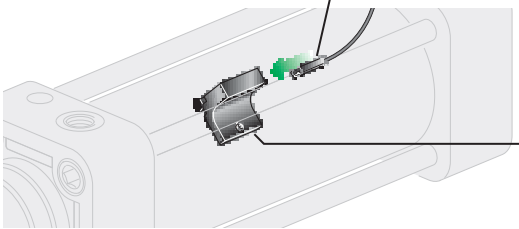
Bore *Alesaggio*	CHD	SD	F	Code *Codice*
32	17	6	M10x1,25	DM10x1,25
40	19	7	M12x1,25	DM12x1,25
50	24	8	M16x1,5	DM16x1,5
63	24	8	M16x1,5	DM16x1,5
80	30	9	M20x1,5	DM20x1,5
100	30	9	M20x1,5	DM20x1,5
125	41	12	M27x2	DM27x2
160	55	18	M36x2	DM36x2
200	55	18	M36x2	DM36x2

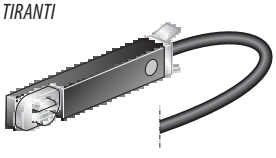
FIXING, MAGNETIC SWITCHES AND SEALS KIT FOR XJC CYLINDER / *ACCESSORI E RICAMBI PER CILINDRI XJC*

FJS ... VN

FIXING FOR TIE RODS MOUNTING
SUPPORTO PER MONTAGGIO SU TIRANTI

For tie rods cylinder
Per cilindri a tiranti





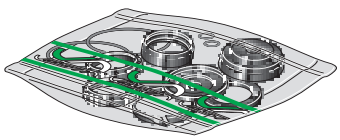
For magnetic switches features see:
Caratteristiche finecorsa magnetici vedi:
VNCR2, VNPR2, VNCE3, VNPE3.
Pag. A-19

FJS ... VN

Bore *Alesaggio* (mm):
Ø 160 ... **160** Ø 200 ... **200**

..... - SG

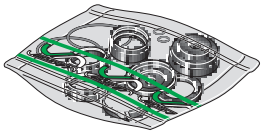
SEALS KIT
KIT GUARNIZIONI DI RICAMBIO



Seals kit code:
Cylinder code + **Bore** + **Versions** + **- SG**
(The kit includes all seals).

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

Example / *Esempio:* **XJC 160 P VS - SG**

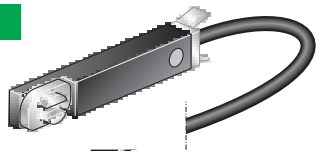


SEALS KIT - *KIT GUARNIZIONI DI RICAMBIO* ..... - SG

Seals kit code = **Cylinder code** + **Bore** + **Versions** + **- SG**: (The kit includes all seals).
Codice del kit = ***Codice del cilindro*** + ***Alesaggio*** + ***Versioni*** + **- SG**: *(Il kit comprende tutte le guarnizioni necessarie).*
Example / *Esempio:* **NSK 40 CNP - SG**

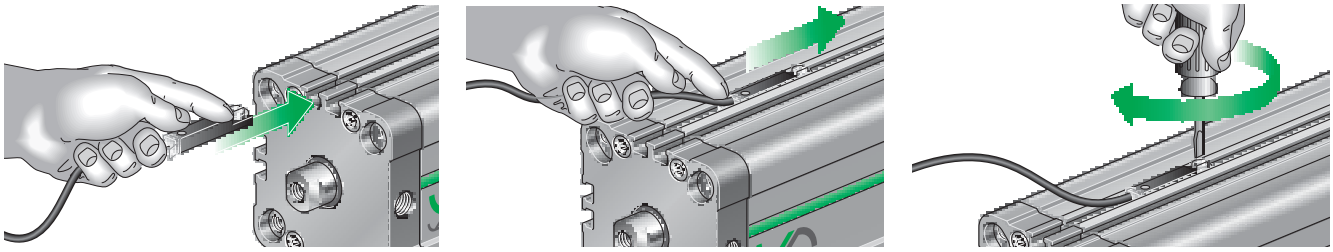
MAGNETIC SWITCHES FOR NSK CYLINDERS / *FINECORSA MAGNETICI PER CILINDRI NSK*

VNCR2 VNPR2 VNCE3 VNPE3



Characteristic magnetic switches see **GENERAL CATALOGUE - Pag. A-19; A-33.**
Caratteristiche finecorsa magnetico vedi ***CATALOGO GENERALE - Pag. A-19;*** **A-33.**

MAGNETIC SWITCH POSITIONING / *POSIZIONAMENTO DEI FINECORSA MAGNETICI*



SHORT STROKE CYLINDERS *CILINDRI A CORSA BREVE* — SERIE SH

SH □-□□-□□□-□ □□

D Double acting *Cilindro doppio effetto*
S Single acting *Cilindro semplice effetto*
DM Double effect magnetic *Doppio effetto magnetico*
SM Simple effect magnetic *Semplice effetto magnetico*

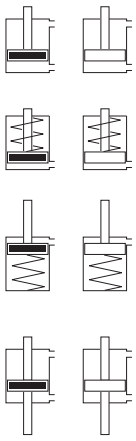
Stroke / *Corsa* (mm):

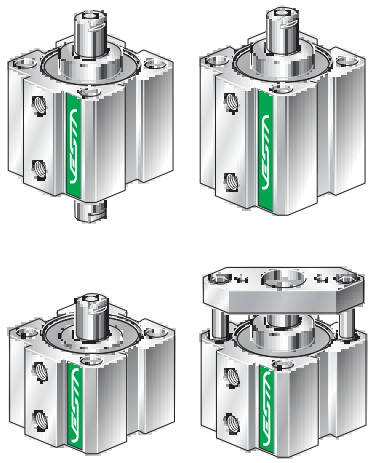
VS Viton rod seal *Guarnizione dello stelo in Viton*
VV Viton all seals *Tutte le guarnizioni in Viton*

P Through rod cylinder *Cilindro stelo passante*
AR Non rotating *Cilindro antirotazione*

Bore / *Alesaggio* (mm):

Ø12	**12**	Ø63	**63**
Ø16	**16**	Ø80	**80**
Ø20	**20**	Ø100 ...	**100**
Ø25	**25**	Ø125 ...	**125**
Ø32	**32**	Ø160 ...	**160**
Ø40	**40**	Ø200 ...	**200**
Ø50	**50**		





Features of reed switches see:
Caratteristiche finecorsa magnetici: ..... **Pag. A-38**

TECHNICAL FEATURES

Piston rod	Stainless steel X10 Cr Ni S 18-09 (ø125÷200 X 20 Cr 13)
Barrel	Anodized profiled aluminium tube.
Seals	NBR rubber and polyurethane.
Cushioning	Mechanical buffers.

Ambient temperature range	-20 °C ÷ +60 °C.
Temperature range of medium	0 °C ÷ +30 °C.
Lubrication	Not required.
Medium	Filtered air.
Max operating pressure	10 bar.

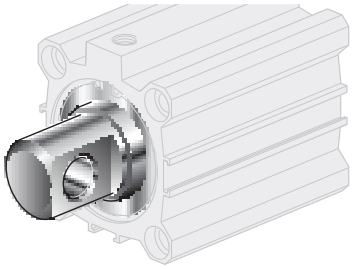
CARATTERISTICHE TECNICHE

Stelo	*Acciaio inox X10 Cr Ni S 18-09 (ø125÷200 X 20 Cr 13)*
Camicia	*Tubo profilato ed anodizzato d' alluminio.*
Guarnizioni	*NBR e poliuretano.*
Ammortizzatori	*Smorzatore meccanici d' urto.*

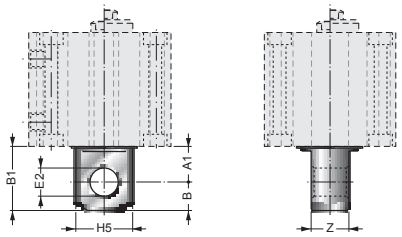
Temperatura ambiente	*-20 °C ÷ +60 °C.*
Temperatura fluido	*0 °C ÷ +30 °C.*
Lubrificazione	*Non necessaria.*
Fluido	*Aria filtrata.*
Pressione max d'esercizio	*10 bar.*

SHCM/..

CLEVIS MALE MOUNTING FOR **SH**
*MONTAGGIO A CERNIERA MASCHIO PER **SH***



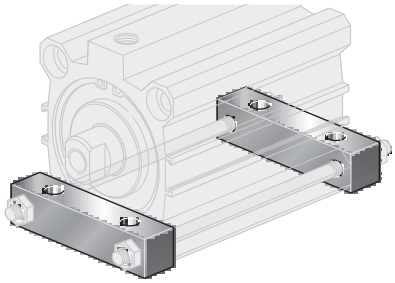
Bore *Alesaggio*	A1	B	ØE2 H8	ØH5	Z	B1	Code *Codice*
16	8	6	6	12	7	14	SHCM/16
20	10	8	8	16	9	18	SHCM/20
25	10	8	8	16	9	18	SHCM/25
32	13	10	10	20	14	23	SHCM/32
40	15	12	12	24	16	27	SHCM/40
50	15	12	12	24	17	27	SHCM/50
63	19	16	16	32	22	35	SHCM/63
80	19	16	16	32	22	35	SHCM/80
100	23	20	20	40	26	43	SHCM/100

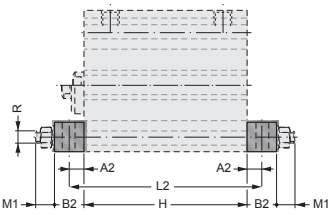


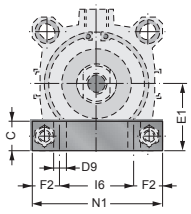
H = See previous pages
Vedi pagine precedenti

SHP/..

FOOT MOUNTING FOR **SH**
*MONTAGGIO A PIEDINI PER **SH***







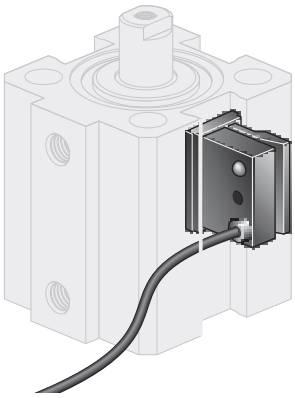
Bore *Alesaggio*	A2	B2	C	ØD9	E1	F2	I6	L2	M1	N1	ØR	Code *Codice*
16	5	10	10	3,5	17	5	30	H+10	2,4	40	M3	SHP/16
20	5	10	10	5,5	18	5	40	H+10	4	50	M5	SHP/20
25	6	12	12	5,5	20	7,5	45	H+12	4	60	M5	SHP/25
32	6	12	12	5,5	24	5	50	H+12	4	60	M5	SHP/32
40	6	12	12	5,5	27,5	5	60	H+12	4	70	M5	SHP/40
50	7,5	15	15	6,5	32,5	5	70	H+15	5	80	M6	SHP/50
63	7,5	15	15	8,5	40	7,5	85	H+15	6,5	100	M8	SHP/63
80	10	20	20	8,5	50	20	60	H+20	6,5	100	M8	SHP/80
100	10	20	20	10,5	62	22	80	H+20	8	124	M10	SHP/100

H = See previous pages
Vedi pagine precedenti

REED SWITCHES FOR SH_ CYLINDERS / *FINECORSA PER CILINDRI SH_*

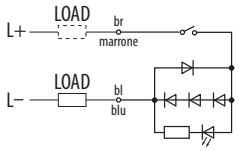
FTV 306 V

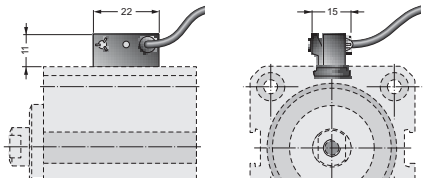
REED SWITCHES
FINECORSA MAGNETICO



Cable
***Cavo* L=3m**

FTV 306 V circuit - *Circuito FTV 306 V*





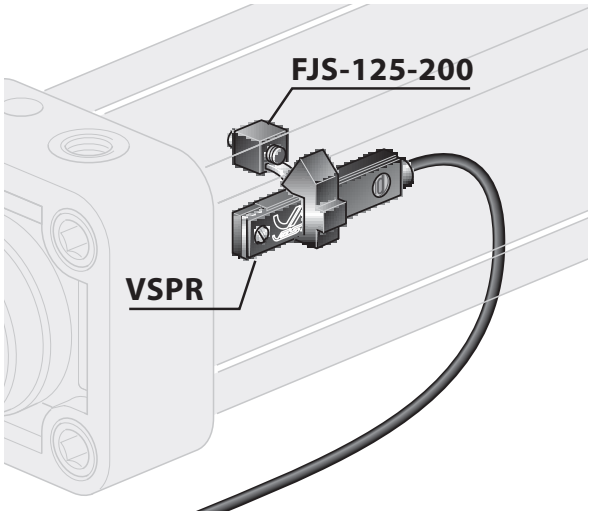
Circuit code *Codice Circuito*	Voltage range *Tensione V*	Switching current *Corrente mA*	Switching capacity *Potenza VA/W*	Degree of protection *Protezione*	Working temperature *Temperatura °C*	Contact function *Contatto*
FTV 306 V	10-250 AC-DC	300	10/10	IP65	-25 ÷ +75	

FJS-125-200

FIXING FOR TIE RODS MOUNTING
SUPPORTO PER MONTAGGIO SU TIRANTI

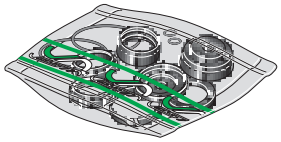
VSPR

REED SWITCHES
FINECORSA MAGNETICO



..... - SG

SEALS KIT
KIT GUARNIZIONI DI RICAMBIO



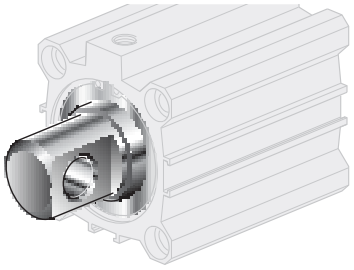
Seals kit code = **Cylinder code** + **Bore** + **Versions** + **- SG**: (The kit includes all seals).

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

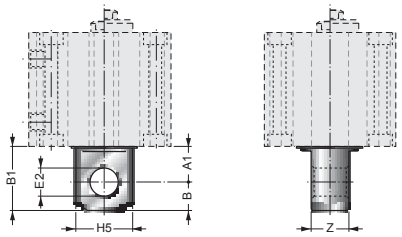
Example / *Esempio:* **SHDM 32 P - SG**

SHCM/..

CLEVIS MALE MOUNTING FOR **SH**
*MONTAGGIO A CERNIERA MASCHIO PER **SH***



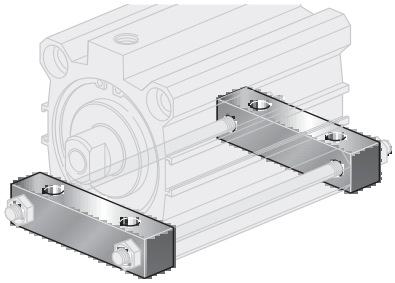
Bore *Alesaggio*	A1	B	ØE2 H8	ØH5	Z	B1	Code *Codice*
16	8	6	6	12	7	14	SHCM/16
20	10	8	8	16	9	18	SHCM/20
25	10	8	8	16	9	18	SHCM/25
32	13	10	10	20	14	23	SHCM/32
40	15	12	12	24	16	27	SHCM/40
50	15	12	12	24	17	27	SHCM/50
63	19	16	16	32	22	35	SHCM/63
80	19	16	16	32	22	35	SHCM/80
100	23	20	20	40	26	43	SHCM/100

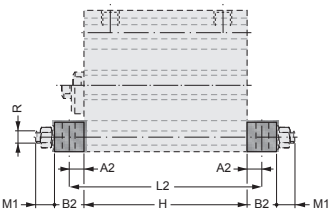


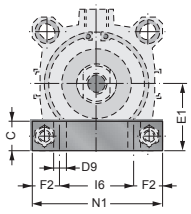
H = See previous pages
Vedi pagine precedenti

SHP/..

FOOT MOUNTING FOR **SH**
*MONTAGGIO A PIEDINI PER **SH***







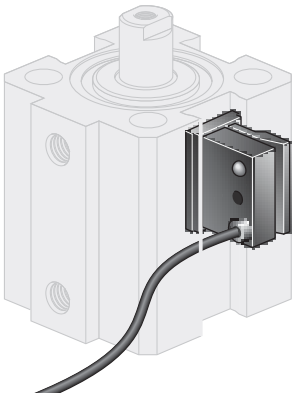
Bore *Alesaggio*	A2	B2	C	ØD9	E1	F2	I6	L2	M1	N1	ØR	Code *Codice*
16	5	10	10	3,5	17	5	30	H+10	2,4	40	M3	SHP/16
20	5	10	10	5,5	18	5	40	H+10	4	50	M5	SHP/20
25	6	12	12	5,5	20	7,5	45	H+12	4	60	M5	SHP/25
32	6	12	12	5,5	24	5	50	H+12	4	60	M5	SHP/32
40	6	12	12	5,5	27,5	5	60	H+12	4	70	M5	SHP/40
50	7,5	15	15	6,5	32,5	5	70	H+15	5	80	M6	SHP/50
63	7,5	15	15	8,5	40	7,5	85	H+15	6,5	100	M8	SHP/63
80	10	20	20	8,5	50	20	60	H+20	6,5	100	M8	SHP/80
100	10	20	20	10,5	62	22	80	H+20	8	124	M10	SHP/100

H = See previous pages
Vedi pagine precedenti

REED SWITCHES FOR SH_ CYLINDERS / *FINECORSA PER CILINDRI SH_*

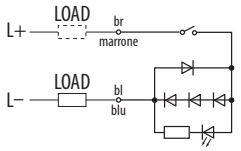
FTV 306 V

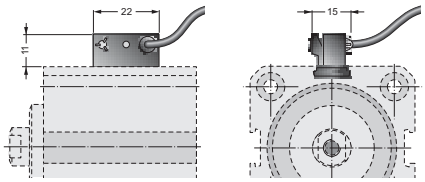
REED SWITCHES
FINECORSA MAGNETICO



Cable
***Cavo* L=3m**

FTV 306 V circuit - *Circuito FTV 306 V*





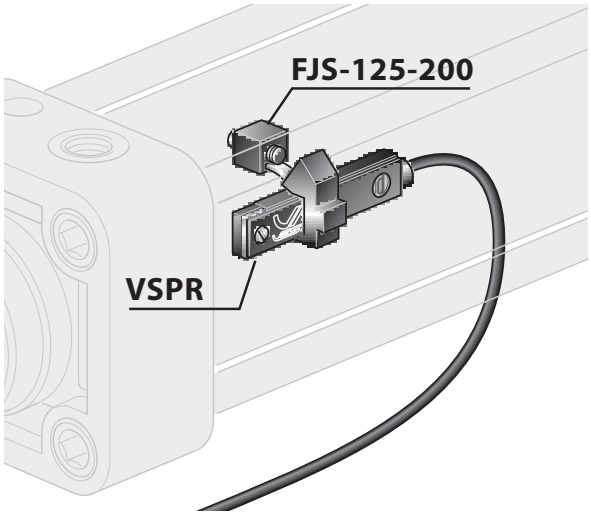
Circuit code *Codice Circuito*	Voltage range *Tensione V*	Switching current *Corrente mA*	Switching capacity *Potenza VA/W*	Degree of protection *Protezione*	Working temperature *Temperatura °C*	Contact function *Contatto*
FTV 306 V	10-250 AC-DC	300	10/10	IP65	-25 ÷ +75	

FJS-125-200

FIXING FOR TIE RODS MOUNTING
SUPPORTO PER MONTAGGIO SU TIRANTI

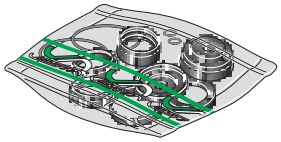
VSPR

REED SWITCHES
FINECORSA MAGNETICO



..... - SG

SEALS KIT
KIT GUARNIZIONI DI RICAMBIO



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

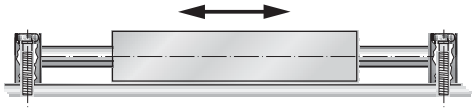
Codice del kit = ***Codice del cilindro*** + ***Alesaggio*** + ***Versioni*** + **- SG**: *(Il kit comprende tutte le guarnizioni necessarie).*

Example / *Esempio:* **SHDM 32 P - SG**

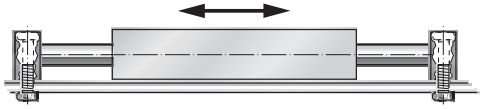
MOUNTING TYPE AND FIXING POSSIBILITY / *TIPI DI MONTAGGI E POSSIBILITA' DI FISSAGGIO*

PS-PM ..

PNEUMATIC SLIDE AT PLATE MOUNTING
SLITTA PNEUMATICA A PIASTRE FISSE



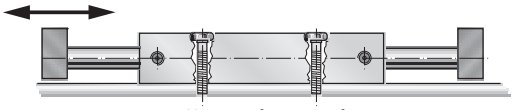
Mounting from upper face
Fissaggio con viti dall'alto



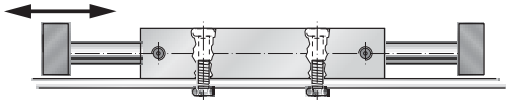
Mounting from lower face
Fissaggio con viti da sotto

PS-BM ..

PNEUMATIC SLIDE AT BODY MOUNTING
SLITTA PNEUMATICA A CORPO FISSO

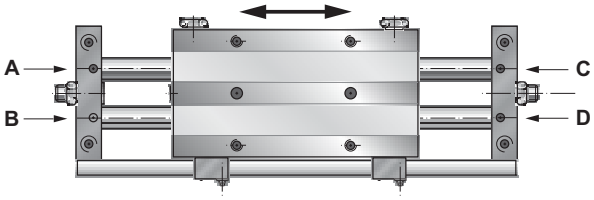


Mounting from upper face
Fissaggio con viti dall'alto

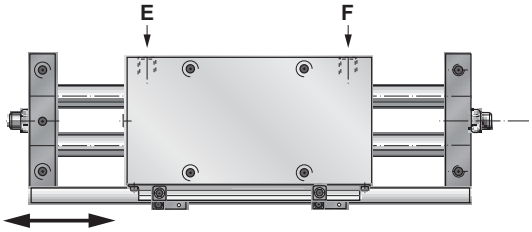


Mounting from lower face
Fissaggio con viti da sotto

WORKING DIRECTION AND PORTS / *DIREZIONE DI MOVIMENTO E CONNESSIONI*



Port *Ingresso*	A	B	C	D
Plate working direction *Direzione di lavoro delle piastre*	Right *destra*	Left *sinistra*	Right *destra*	Left *sinistra*

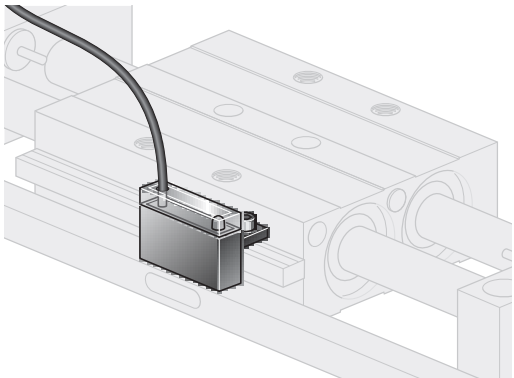


Port *Ingresso*	E	F
Plate working direction *Direzione di lavoro delle piastre*	Right *destra*	Left *sinistra*

MAGNETIC SWITCHES POSITIONING / *POSIZIONAMENTO DEI FINECORSA*

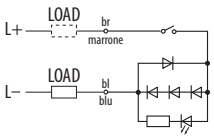
FIV 306 V

MAGNETIC SWITCH
FINECORSA MAGNETICO



Bore *Alesaggio*	R	R1	R2	R3	R4	R5	R6	R7	R8
16	22	8	39	21	1	5	40	8	1,5
25	22	8	53	33	11	5	54	10	2,5

FIV circuit
Circuito FIV



Body mounting:
Corpo fisso:

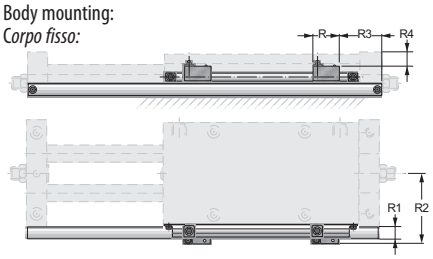
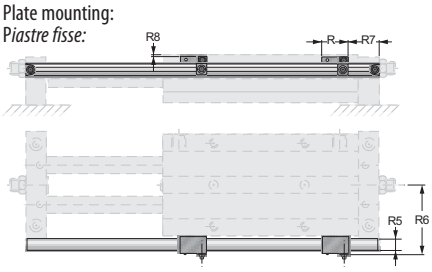


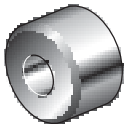
Plate mounting:
Piastre fisse:

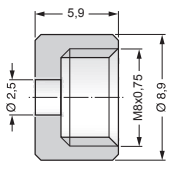


Code *Codice*	Voltage range *Tensione Corrente* V	Switching current *Potenza* mA	Switching capacity VA/W	Degree of protection *Temperatura Protezione*	Working temperature °C	Contact function *Contatto*
FIV 306 V	10-220 (AC-DC)	200	15/10	IP67	-25 ÷ +75°C	

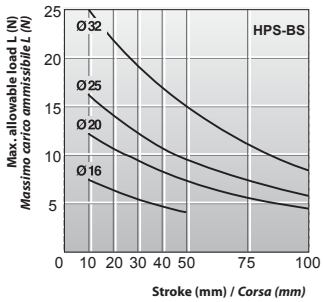
GH-DEC 16

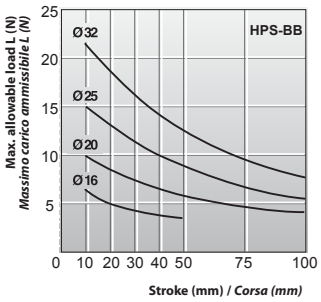
PROTECTION FOR PNEUMATIC SLIDE Ø 16
GHIERA DI PROTEZIONE PER ALESAGGIO Ø 16





MAXIMUM ALLOWABLE LOAD HPSK SERIE / *CARICO MASSIMO AMMISSIBILE SERIE HPSK*





Graphics of maximum allowable load for dual rod cylinder **"BS"** serie (with rod bearing brass) and **BB** serie (with ball bushing)

Diagrammi del carico massimo ammissibile per semislitte pneumatiche della ***serie BS*** *(con bronzine a strisciamento) e della* ***serie BB*** *(con cuscinetti a ricircolo di sfere)*

PISTON RODS DEFLECTION / *FLESSIONE DEGLI STELI*

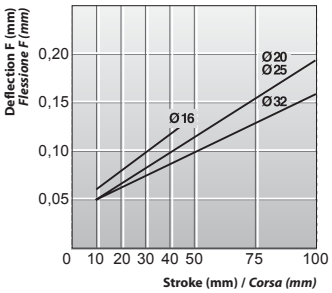


fig. 1

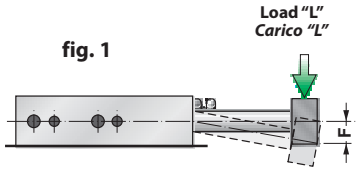
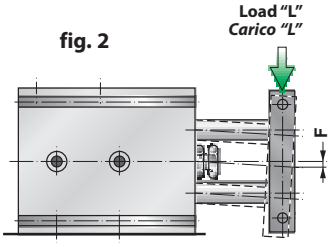


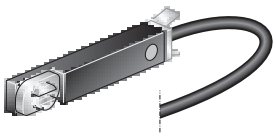
fig. 2



The graph shows the standard value of piston rod deflection (F) with a load of 10 N.
The piston rods deflection value in the case shown in fig. 2 is 30% less than value shown in the graph refered to fig.1

Il grafico riporta i valori standard della flessione (F) degli steli nella condizione di carico per L=10 N.
I valori della flessione degli steli nella condizione di carico della fig.2 sono inferiori del 30% rispetto ai valori di carico della fig.1 da cui é ricavato il grafico.

MAGNETIC SWITCHES FOR HPSK CYLINDERS / *FINECORSA MAGNETICI PER CILINDRI HPSK*

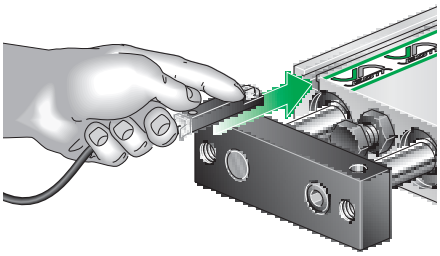


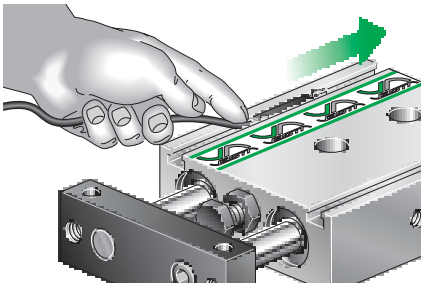
For magnetic switches features see:
Caratteristiche finecorsa magnetici vedi:

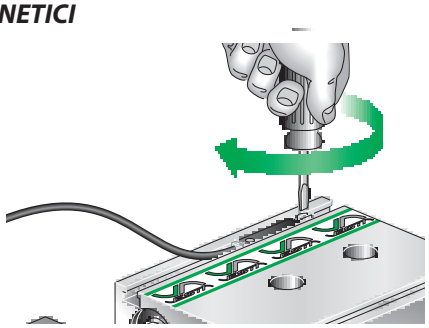
VNCR2, VNPR2,
VNCE3, VNPE3.

Pag. A-19

MAGNETIC SWITCH POSITIONING / *POSIZIONAMENTO DEI FINECORSA MAGNETICI*



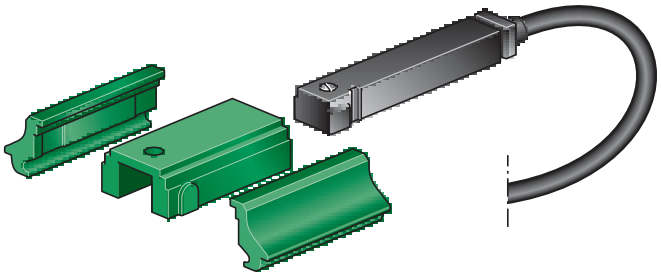




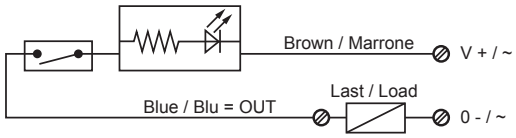
MAGNETIC SWITCHES FOR RL.. CYLINDERS / *FINECORSA MAGNETICI PER CILINDRI RL..*

REED SWITCH
SENSORE REED

ZRS 11



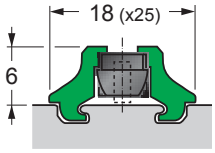
circuit / *Circuito*



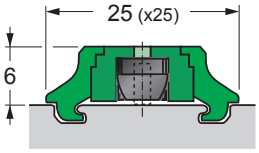
Cable standard lenght / *Lunghezza cavo standard:* 5000 mm

Code *Codice*	Voltage range *Tensione max*	Switching current *Corrente a 25 °C*	Switching power (resistive) *Potenza Induttiva*	Degree of protection *Grado di protezione*	Working temperature *Temperatura di lavoro*	Switch Hysteresis *Isteresi di inserzione*	ON / OFF time *Tempo di inserzione /disin.*	Electric life *Vita elettrica*		Contact function *Contatto*
	V	-	-		°C	mm	-	impulse	-	
ZRS 11	5-130 AC-DC	200 mA	6W	IP67	-15 ÷ +60	3 mm	1 - 0,3 msec	1 x 10^7	-	

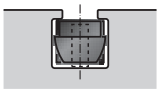
MAGNETIC SWITCH BRACKET FOR RODLESS CYLINDER / *FISSAGGIO PER SENSORE MAGNETICO SU CILINDRI SENZA STELO*



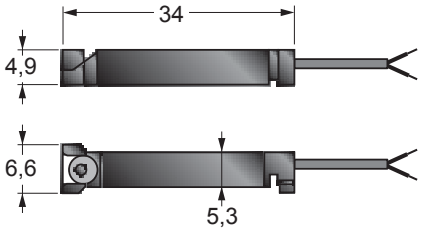
Ø 16 mm



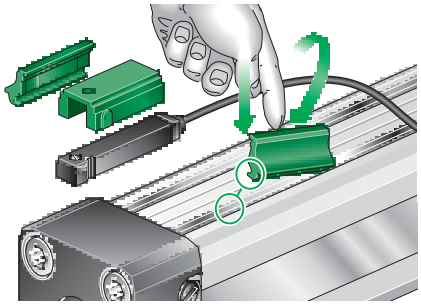
Ø 25; **32**; **40** mm

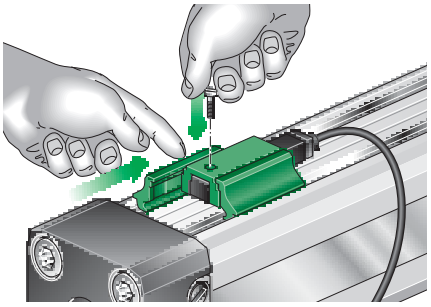


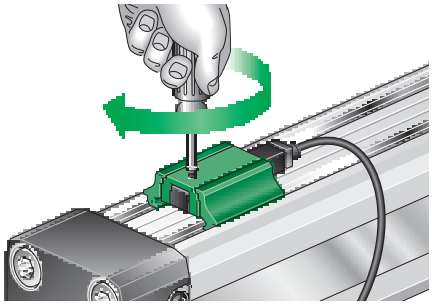
Ø 50; **63** mm



MAGNETIC SWITCH POSITIONING / *POSIZIONAMENTO DEI FINECORSA MAGNETICI*

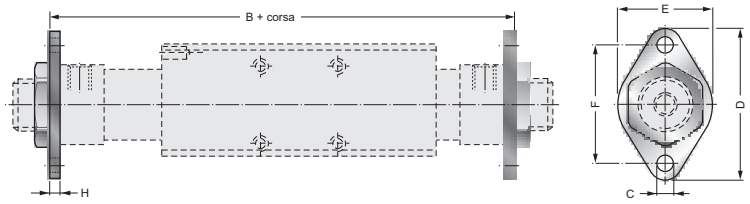


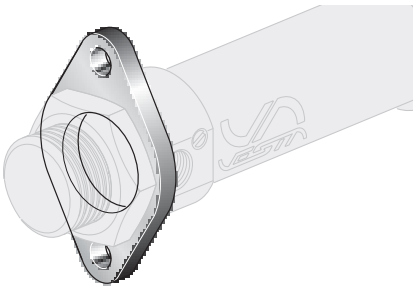




FLANGE MOUNTING
MONTAGGIO A FLANGIA

FL/..

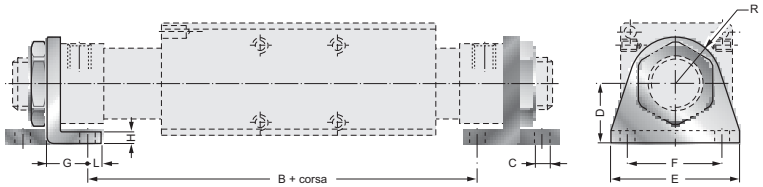


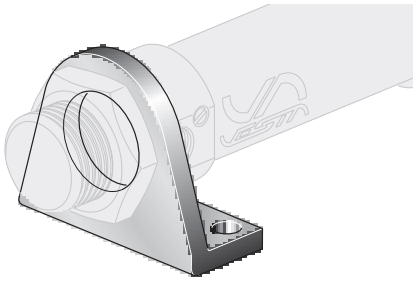


Bore *Alesaggio*	B	ØC	D	E	F	H	Code *Codice*
12	134	5,5	52	30	40	4	FL/12
20	188	6,6	66	40	50	5	FL/20

FOOT MOUNTING
MONTAGGIO A PIEDINI

P/..





Bore *Alesaggio*	B	ØC	D	E	F	G	H	L	R	Code *Codice*
12	106	5,5	20	42	32	14	4	7	13	P/12
20	154	6,6	25	54	40	17	5	7	20	P/20

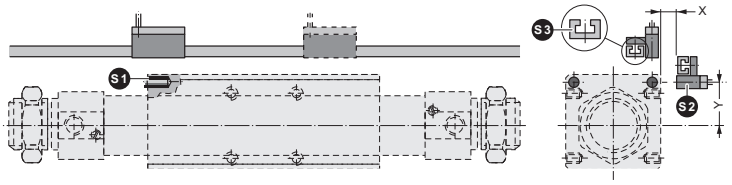
MAGNETIC SWITCHES / *FINECORSA MAGNETICI PER CILINDRI SERIE TM*

REED SWITCH
FINECORSA MAGNETICO

FIV 306 V

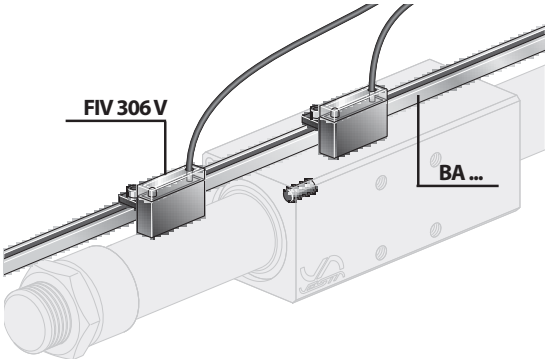
FIXING FOR REED SWITCH
SUPPORTO PER FINECORSA MAGNETICI

BA ...

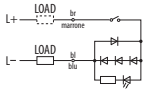


S1 Magnet for reed switch / *Magnete per finecosa*
S2 Reed switch / *Finecosa magnetico*
S3 Aluminium rail for reed switch mounting
Profilo di alluminio per montaggio finecosa

Bore *Alesaggio*	X	Y
12	7	16,5
20	7	25



Circuit *Circuito*

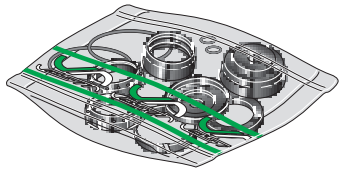


Band code *Codice barra*	Circuit code *Codice circuito*	Voltage *Tensione* V	Switching current *Corrente* mA	Switching capacity *Potenza* VA/W	Protection *Protezione*	Working temperature *Temperatura* °C	Contact *Contatto*
BA...	FIV 306V	10-220 AC-DC	200	10/10	IP65	-25 ÷ +75	

Fixing dimensions **BA...** = cylinder stroke + A1 *(except different customer request)*
Dimensioni supporto **BA...** = *corsa cilindro + A1 (salvo diversa specifica del cliente)*

SEALS KIT
KIT GUARNIZIONI DI RICAMBIO

..... - SG



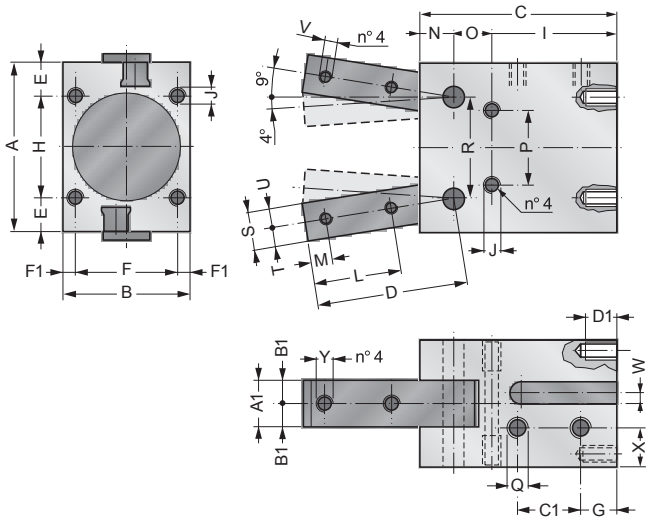
Seals kit code = **Rodless cylinder code** + **Bore** + **- SG**:
(The kit includes all seals).

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

Example / *Esempio:* **TM 20 - SG**

MHM 50 .. ..

MAGNETIC GRIPPER Ø50
UNITA' MAGNETICA Ø50



A	A1	B	B1	C	C1	D	D1	E	F	F1	G	H	I	ØJ	L	M	N	O	P	Q	R	S	T	U	ØV	W	X	ØY
80	22	60	11	100	24	71	15	16	48	6	21	48	61	M8x1,25	40	10	18	21	35	G1/8"	48	18	10	8	M6x1	4	17	M8x1,25

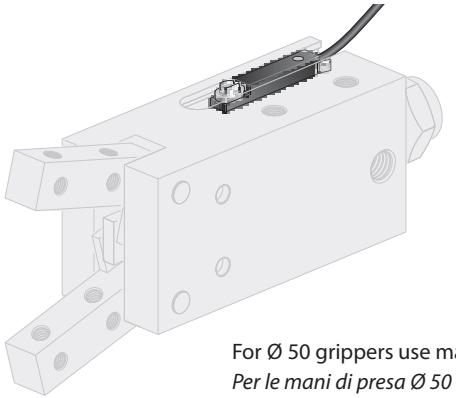
Weigth / *Peso* : 1680 g

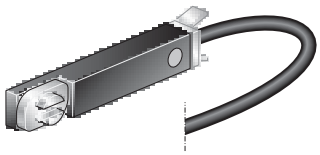
6 bar gripping force at 30 mm. from fingers fulcrum:

Forze di bloccaggio a 6 bar a 30 mm di distanza dal fulcro delle dita:

MHM 50 DE	**60** Kg	opening / *in apertura*	**52** Kg	closing / *in chiusura*
MHM 50 SE NC	**49** Kg	opening / *in apertura*		
MHM 50 SE NA	**46** Kg	closing / *in chiusura*		

MAGNETIC SWITCHES FOR MHM .. GRIPPERS / *FINECORSA PER MANI DI PRESA SERIE* MHM ..



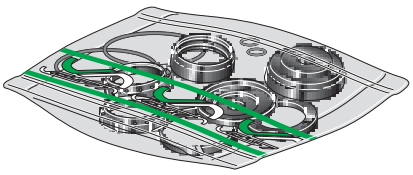


For magnetic switches features see: - *Caratteristiche finecorsa magnetici vedi:*
VNCR2, VNPR2, VNCE3, VNPE3.
Pag. A-19

For Ø 50 grippers use magnetic switches **FTV 306 V** (see page A-38).
*Per le mani di presa Ø 50 mm usare sensori **FTV 306 V** (vedere pag. A-38).*

..... - SG

SEALS KIT
KIT GUARNIZIONI DI RICAMBIO



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

Codice del kit = ***Codice della mano di presa*** + ***Alesaggio*** + **- SG**:
(Il kit comprende tutte le guarnizioni necessarie).

Example / *Esempio:* **MHM 32 - SG**