



03F

Pag. 23.2



X3F

Pag. 23.2



04F

Pag. 23.3



X4F

Pag. 23.3



OPK06 - OPK07 - OPK12

Pag. 23.4



90985 - 90987

Pag. 23.4 - 23.5



VAL04

Pag. 23.5

Solenoid Pilots



Ø 10 mm

Pag. 23.6 - 23.7



Ø 10 mm

Pag. 23.8 - 23.9



Ø 13 mm

Pag. 23.10 - 23.11



Ø 13 mm

Pag. 23.12 - 23.13

RICAMBI E ACCESSORI FLUIDITY - ELETTROPILOTI

FLUIDITY SPARE PARTS AND ACCESSORIES - SOLENOID PILOTS

FLUIDITY ERSATZTEILE UND ZUBEHÖR - ELEKTROPILOTEN

PIÈCES ET ACCESSOIRES FLUIDITY - ÉLECTROPILOTES

RECAMBIOS Y ACCESORIOS FLUIDITY - ELECTROPILOTOS

SOBRESSELENTES E ACESSÓRIOS FLUIDITY - PILOTOS ELÉTRICOS



Accessories - Solenoid Pilots

KIT - 03F

KIT MEMBRANA E O-RING - SERIE 03F

DIAPHRAGM KIT AND O-RING - SERIE 03F

ERSATZMEMBRANE FÜR MAGNETVENTILE UND O-RING - SERIE 03F

MEMBRANE DE RECHANGE ET O-RING - SERIE 03F

GRUPO MEMBRANA Y O-RING - SERIE 03F

KIT DIAFRAGMA E O-RING - SERIE 03F



Codice Code Code Código Código	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Taglia Size Grösse Dimensions Talla Tamanho	Pack.
03FK4 0 03 N 0	NBR	1/4"	1
03FK4 0 03 V 0	FKM	1/4"	1
03FK4 0 03 E 0	EPDM	1/4"	1
03FK4 0 04 N 0	NBR	3/8" - 1/2"	1
03FK4 0 04 V 0	FKM	3/8" - 1/2"	1
03FK4 0 04 E 0	EPDM	3/8" - 1/2"	1
03FK4 0 07 N 0	NBR	3/4"	1
03FK4 0 07 V 0	FKM	3/4"	1
03FK4 0 07 E 0	EPDM	3/4"	1
03FK4 0 09 N 0	NBR	1"	1
03FK4 0 09 V 0	FKM	1"	1
03FK4 0 09 E 0	EPDM	1"	1

KIT - X3F

KIT MEMBRANA E O-RING - SERIE X3F

DIAPHRAGM KIT AND O-RING - SERIE X3F

ERSATZMEMBRANE FÜR MAGNETVENTILE UND O-RING - SERIE X3F

MEMBRANE DE RECHANGE ET O-RING - SERIE X3F

GRUPO MEMBRANA Y O-RING - SERIE X3F

KIT DIAFRAGMA E O-RING - SERIE X3F



Codice Code Code Código Código	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Taglia Size Grösse Dimensions Talla Tamanho	Pack.
X3FK4 0 03 N 0	NBR	1/4"	1
X3FK4 0 03 V 0	FKM	1/4"	1
X3FK4 0 03 E 0	EPDM	1/4"	1
X3FK4 0 04 N 0	NBR	3/8" - 1/2"	1
X3FK4 0 04 V 0	FKM	3/8" - 1/2"	1
X3FK4 0 04 E 0	EPDM	3/8" - 1/2"	1
X3FK4 0 07 N 0	NBR	3/4"	1
X3FK4 0 07 V 0	FKM	3/4"	1
X3FK4 0 07 E 0	EPDM	3/4"	1
X3FK4 0 09 N 0	NBR	1"	1
X3FK4 0 09 V 0	FKM	1"	1
X3FK4 0 09 E 0	EPDM	1"	1

KIT - 04F

KIT MEMBRANA E O-RING - SERIE 04F

DIAPHRAGM KIT AND O-RING - SERIE 04F

ERSATZMEMBRANE FÜR MAGNETVENTILE UND O-RING - SERIE 04F

MEMBRANE DE RECHANGE ET O-RING - SERIE 04F

GRUPO MEMBRANA Y O-RING - SERIE 04F

KIT DIAFRAGMA E O-RING - SERIE 04F



1/4" - 3/8" - 1/2"



3/4" - 1"



1"1/4 - 1"1/2 - 2"

KIT - 04F

KIT MEMBRANA RINFORZATA E O-RING - SERIE 04F

REINFORCED DIAPHRAGM KIT AND O-RING - SERIE 04F

VERSTÄRKTE ERSATZMEMBRANE FÜR MAGNETVENTILE UND O-RING - SERIE 04F

MEMBRANE RENFORCÉE DE RECHANGE ET O-RING - SERIE 04F

GRUPO MEMBRANA REFORZADA Y O-RING - SERIE 04F

KIT DIAFRAGMA REFORÇADA E O-RING - SERIE 04F



3/4" - 1"

KIT - X4F

KIT MEMBRANA INOX E O-RING - SERIE X4F

DIAPHRAGM KIT IN STAINLESS STEEL AND O-RING - SERIE X4F

ERSATZMEMBRANE FÜR MAGNETVENTILE EDELSTAHL UND O-RING - SERIE X4F

MEMBRANE DE RECHANGE EN ACIER INOX ET O-RING - SERIE X4F

GRUPO MEMBRANA EN ACIER INOX Y O-RING - SERIE X4F

KIT DIAFRAGMA EN AÇO INOX E O-RING - SERIE X4F



1/4" - 3/8" - 1/2"



3/4" - 1"

Codice Code Code Code Código Código	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Taglia Size Grösse Dimensions Talla Tamanho	Pack.
1/4" - 3/8" - 1/2"			
04FK4 0 03 N 0	NBR	1/4"	1
04FK4 0 03 V 0	FKM	1/4"	1
04FK4 0 03 E 0	EPDM	1/4"	1
04FK4 0 04 N 0	NBR	3/8" - 1/2" - Ø 12	1
04FK4 0 04 V 0	FKM	3/8" - 1/2" - Ø 12	1
04FK4 0 04 E 0	EPDM	3/8" - 1/2" - Ø 12	1
04FK4 0 Y3 N 0	NBR	3/8" - 1/2" - Ø 14	1
04FK4 0 Y3 V 0	FKM	3/8" - 1/2" - Ø 14	1
04FK4 0 Y3 E 0	EPDM	3/8" - 1/2" - Ø 14	1
3/4" - 1"			
04FK4 0 07 N 0	NBR	3/4"	1
04FK4 0 07 V 0	FKM	3/4"	1
04FK4 0 07 E 0	EPDM	3/4"	1
04FK4 0 09 N 0	NBR	1"	1
04FK4 0 09 V 0	FKM	1"	1
04FK4 0 09 E 0	EPDM	1"	1
1"1/4 - 1"1/2 - 2"			
04FK4 0 XF N 0	NBR	1"1/4 - 1"1/2	1
04FK4 0 XF V 0	FKM	1"1/4 - 1"1/2	1
04FK4 0 XF E 0	EPDM	1"1/4 - 1"1/2	1
04FK4 0 XH N 0	NBR	2"	1
04FK4 0 XH V 0	FKM	2"	1
04FK4 0 XH E 0	EPDM	2"	1

Codice Code Code Code Código Código	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Taglia Size Grösse Dimensions Talla Tamanho	Pack.
3/4" - 1"			
04FK4 0 07 N 2	NBR	3/4"	1
04FK4 0 07 V 2	FKM	3/4"	1
04FK4 0 07 E 2	EPDM	3/4"	1
04FK4 0 09 N 2	NBR	1"	1
04FK4 0 09 V 2	FKM	1"	1
04FK4 0 09 E 2	EPDM	1"	1

Codice Code Code Code Código Código	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Taglia Size Grösse Dimensions Talla Tamanho	Pack.
1/4" - 3/8" - 1/2"			
X4FK4 0 03 N 0	NBR	1/4"	1
X4FK4 0 03 V 0	FKM	1/4"	1
X4FK4 0 03 E 0	EPDM	1/4"	1
X4FK4 0 04 N 0	NBR	3/8" - 1/2" - Ø 12	1
X4FK4 0 04 V 0	FKM	3/8" - 1/2" - Ø 12	1
X4FK4 0 04 E 0	EPDM	3/8" - 1/2" - Ø 12	1
X4FK4 0 Y3 N 0	NBR	3/8" - 1/2" - Ø 14	1
X4FK4 0 Y3 V 0	FKM	3/8" - 1/2" - Ø 14	1
X4FK4 0 Y3 E 0	EPDM	3/8" - 1/2" - Ø 14	1
3/4" - 1"			
X4FK4 0 07 N 0	NBR	3/4"	1
X4FK4 0 07 V 0	FKM	3/4"	1
X4FK4 0 07 E 0	EPDM	3/4"	1
X4FK4 0 09 N 0	NBR	1"	1
X4FK4 0 09 V 0	FKM	1"	1
X4FK4 0 09 E 0	EPDM	1"	1

KIT - OPK06 / OPK07

KIT ANTICONDENSA IN FKM - 2/2 NC

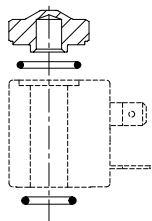
WET-PROOF KIT IN FKM - 2/2 NC

FKM ANTIKONDENSAT KIT - 2/2 NC

KIT ANTI-BUÉE IN FKM - 2/2 NC

ANTICONDENSACIÓN KIT IN FKM - 2/2 NC

KIT ANTI-CONDENSADO EM FKM - 2/2 NC



Codice Code Code Code Código Código	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Bobina e Ø tubo guida Coil and Ø armature tube Spulen und Ø Führungsrohr Bobine et Ø Tube de pilotage Bobina y Ø Tubo guía Bobina e Ø Tubo guia	Pack.
OPK06 VT B2 NC 22	FKM	22 mm - Ø 10 mm	1
OPK06 VT B2 NC 30	FKM	30 mm - Ø 10 mm	1
OPK07 VT B2 NC 30	FKM	30/36 mm - Ø 13 mm	1

KIT - OPK12

KIT ANTICONDENSA IN FKM - 3/2 NC - 1/8" CONICO

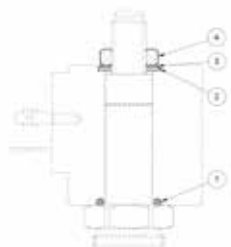
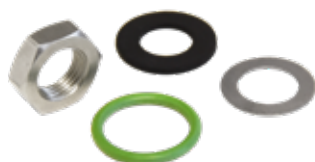
WET-PROOF KIT IN FKM - 3/2 NC - 1/8" CONICAL

FKM ANTIKONDENSAT KIT - 3/2 NC - 1/8" KONISCH

KIT ANTI-BUÉE IN FKM - 3/2 NC - 1/8" CONIQUE

ANTICONDENSACIÓN KIT IN FKM - 3/2 NC - 1/8" CÓNICO

KIT ANTI-CONDENSADO EM FKM - 3/2 NC - 1/8" CÔNICA



Codice Code Code Code Código Código	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Bobina e Ø tubo guida Coil and Ø armature tube Spulen und Ø Führungsrohr Bobine et Ø Tube de pilotage Bobina y Ø Tubo guía Bobina e Ø Tubo guia	Pack.
OPK12 VT B3 NC 00	FKM	30/36 mm - Ø 13 mm	1

90985

TEMPORIZZATORE ANALOGICO DIN43650A

ANALOG TIMER DIN43650A

TIMER ANALOG DIN43650A

TEMPORISATION ANALOGIQUE DIN43650A

TEMPORIZADOR ANALOGICO DIN43650A

TEMPORIZADOR ANALÓGICO DIN43650A



Code	Pack.
90985 00 001	1

	min	max
Temperature	- 10 °C	+ 50 °C



Caratteristiche

Features

Features

Traits

Características

Recursos

- 24 - 240V AC/DC
- IP65 - EN6052
- 1 A Max
- 0.5 - 10 Sec. ON
- 0.5 - 45 Min. OFF
- Reset/Test

90987

TEMPORIZZATORE DIGITALE DIN43650A

DIGITAL TIMER DIN43650A

DIGITALER TIMER DIN43650A

TIMER DIGITAL DIN43650A

DIGITAL TEMPORIZADOR DIN43650A

TIMER DIGITAL DIN43650A



Code	Voltage	Power consumption	Pack.
90987 00 001	7 - 36V AC/DC	20mA MAX	1
90987 00 002	110 - 240V AC/DC	10mA MAX	1

	min	max
 Temperature	- 10 °C	+ 70 °C

Caratteristiche

Features

Features

Traits

Características

Recursos

- Insulation Voltage: 100V AC - 1 minute
- Insulation Resistance: 50MΩ (500VDC)
- IP65 - EN6052
- Output Corrent: 1.5 A Max
- 1 Sec. - 100 Hours -> ON
- 1 Sec. - 100 Hours -> OFF
- 4 DIGIT: Mode/Add/Enter/Reset

VAL04

VALIGETTA ESPOSITIVA

DEMO CASE

DEMONSTRATIONSKOFFER

COFFRE DE DÉMONSTRATION

MALETA EXPOSITOR

MALETA EXPOSITORA



Code	Pack.
VAL04	1

SOLENOID PILOTS

ELETTROPILOTI 2/2 NC - Ø10 mm

SOLENOID PILOTS 2/2 NC - Ø10 mm

ELEKTROPILOTEN 2/2 NC - Ø10 mm

ÉLECTROPILOTES 2/2 NC - Ø10 mm

ELECTROPILOTOS 2/2 NC - Ø10 mm

PILOTOS ELÉTRICOS 2/2 NC - Ø10 mm

2/2 NC

Ø 10 mm



Kit operatore per valvole serie:

Operator kit for valves series:

Bediensatz für Armaturenserie:

Kit opérateur pour la série de vannes:

Kit operador para válvulas serie:

Kit do operador para as séries de válvulas:

01F

X1F

F1F

04F (1/4" → 1")

X4F

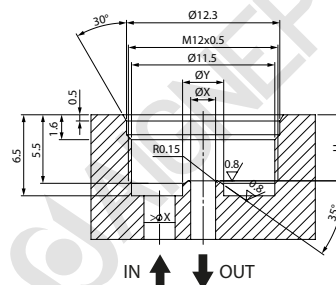
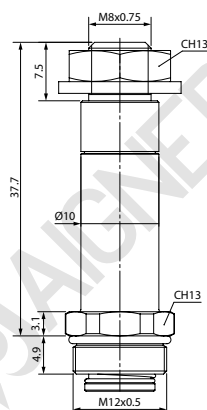
Code	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Ø X	Ø Y	H	Pressione differenziale (OPD) Differential pressure (OPD) Differenzdruck (OPD) Pression différentielle (OPD) Presión diferencial (OPD) Pressão diferencial (OPD)		
					Bar		
①	①	mm	mm	mm	Min	Max DC	Max AC

Potenza Power Leistung Puissance Potencia Potência			Bobine Coils Spulen Bobines Bobinas Bobinas	
DC	AC	ATEX Ex m	Size	Serie
W	VA	W	mm	A - pag. 19.2 B - pag. 19.3 X - pag. 19.4

OPK04_TB2NC00 Acciaio Inox Stainless steel Edelstahl Acier inox Acero inox Aço-inox	N = NBR -10°C +90°C V = FKM -10°C +140°C E = EPDM -10°C +140°C	1.5	2.8	5.3	0	16	30	6.5	7.5	-	22	A - SOL10
						40	40	8	11	-	30	B - SOL11
						40	40	-	-	5.3	30	X - SOLX4
		2	3.3	5.3	0	12	25	6.5	7.5	-	22	A - SOL10
						30	40	8	11	-	30	B - SOL11
						18	35	-	-	5.3	30	X - SOLX4
		2.5	3.8	5.5	0	4.5	18	6.5	7.5	-	22	A - SOL10
						13	30	8	11	-	30	B - SOL11
						6	12	-	-	5.3	30	X - SOLX4
		3	4.3	5.6	0	3	10	6.5	7.5	-	22	A - SOL10
						7	16	8	11	-	30	B - SOL11
						3	5	-	-	5.3	30	X - SOLX4
		4	5.3	5.8	0	1	4	6.5	7.5	-	22	A - SOL10
						2.5	8	8	11	-	30	B - SOL11
						1	2.5	-	-	5.3	30	X - SOLX4

① Selezionare tenuta - Select seal material - Wählen Sie das Dichtungsmaterial aus - Sélectionner matériau d'étanchéité - Seleccionar material sellado - Seleccionar material de vedação

Bobina non inclusa - Coil not included - Magnetspulen separat - Bobines non incluse - Bobina no incluida - Bobinas não incluídas



BOBINE: SERIE A, B, X

COILS: SERIES A, B, X

SPULEN: SERIES A, B, X

BOBINES: SÉRIES A, B, X

BOBINAS: SERIES A, B, X

BOBINAS: SÉRIES A, B, X

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

CONNETTORI

CONNECTORS

STECKER

CONNECTEURS

CONECTORES

CONECTORES

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

SOLENOID PILOTS

ELETTROPILOTI 2/2 NA - Ø10 mm

SOLENOID PILOTS 2/2 NO - Ø10 mm

ELEKTROPILOTEN 2/2 NO - Ø10 mm

ÉLECTROPILOTES 2/2 NO - Ø10 mm

ELECTROPILOTOS 2/2 NO - Ø10 mm

PILOTOS ELÉTRICOS 2/2 NO - Ø10 mm

2/2 NO

Ø 10 mm



Kit operatore per valvole serie:

Operator kit for valves series:

Bediensatz für Armaturenserien:

Kit opérateur pour la série de vannes:

Kit operador para válvulas serie:

Kit do operador para as séries de válvulas:

Brass

O1F

F1F

O4F (1/4" → 1")

Kit operatore per valvole serie:

Operator kit for valves series:

Bediensatz für Armaturenserien:

Kit opérateur pour la série de vannes:

Kit operador para válvulas serie:

Kit do operador para as séries de válvulas:

Stainless steel

O1F

X1F

F1F

O4F (1/4" → 1")

X4F

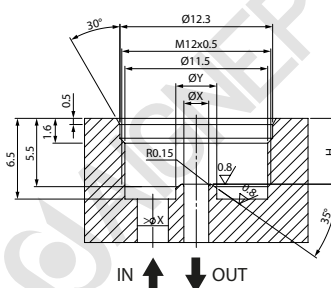
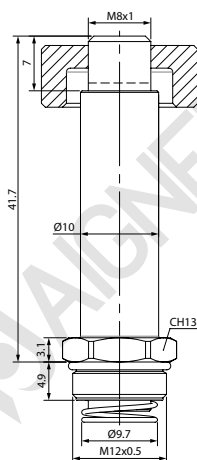
Code	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Ø X	Ø Y	H	Pressione differenziale (OPD) Differential pressure (OPD) Differenzdruck (OPD) Pression différentielle (OPD) Presión diferencial (OPD) Pressão diferencial (OPD)		
					Bar		
①	①	mm	mm	mm	Min	Max DC	Max AC

Potenza Power Leistung Puissance Potencia Potência			Bobine Coils Spulen Bobines Bobinas Bobinas	
DC	AC	ATEX Ex m	Size	Serie
W	VA	W	mm	A - pag. 19.2 B - pag. 19.3 X - pag. 19.4

OPK04_TB2NO00 Ottone Brass Messing Laiton Latón Latão	N = NBR -10°C +90°C	1.5	2.8	5.3	0	-	18	-	7.5	-	22	A - SOL10
						18	18	8	11	-	30	B - SOL11
						18	18	-	-	5.3	30	X - SOLX4
		2	3.3	5.3	0	-	10	-	7.5	-	22	A - SOL10
						10	10	8	11	-	30	B - SOL11
						10	10	-	-	5.3	30	X - SOLX4
OPK04_TB2NO0X Acciaio Inox Stainless steel Edelstahl Acier inox Acero inox Aço-inox	V = FKM -10°C +140°C	2.5	3.8	5.5	0	-	6.5	-	7.5	-	22	A - SOL10
						6.5	6.5	8	11	-	30	B - SOL11
						6.5	6.5	-	-	5.3	30	X - SOLX4
		3	4.3	5.6	0	-	4.2	-	7.5	-	22	A - SOL10
						4.2	4.2	8	11	-	30	B - SOL11
						4.2	4.2	-	-	5.3	30	X - SOLX4

① Selezionare tenuta - Select seal material - Wählen Sie das Dichtungsmaterial aus - Sélectionner matériau d'étanchéité - Seleccionar material sellado - Seleccionar material de vedação

Bobina non inclusa - Coil not included - Magnetpulen separat - Bobines non incluse - Bobina no incluida - Bobinas não incluídas



BOBINE: SERIE A, B, X

COILS: SERIES A, B, X

SPULEN: SERIES A, B, X

BOBINES: SÉRIES A, B, X

BOBINAS: SERIES A, B, X

BOBINAS: SÉRIES A, B, X

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

CONNETTORI

CONNECTORS

STECKER

CONNECTEURS

CONECTORES

CONECTORES

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

SOLENOID PILOTS

ELETTROPILOTI 3/2 NC - Ø10 mm

SOLENOID PILOTS 3/2 NC - Ø10 mm

ELEKTROPILOTEN 3/2 NC - Ø10 mm

ÉLECTROPILOTES 3/2 NC - Ø10 mm

ELECTROPILOTOS 3/2 NC - Ø10 mm

PILOTOS ELÉTRICOS 3/2 NC - Ø10 mm



3/2 NC

Ø 10 mm

Kit operatore per valvole serie:
Operator kit for valves series:
Bediensatz für Armaturenserien:
Kit opérateur pour la série de vannes:
Kit operador para válvulas serie:
Kit do operador para as séries de válvulas:

01F
X1F
F1F

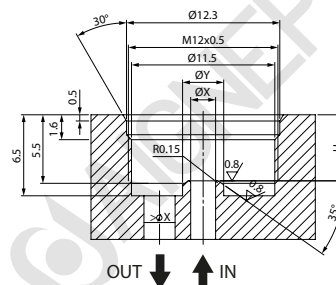
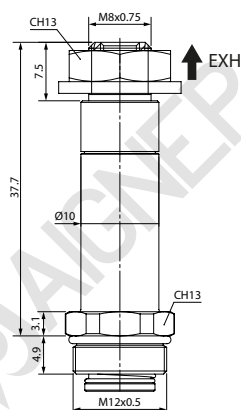
Code	Materiale tenuta Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Ø X	Ø EXH	Ø Y	H	Pressione differenziale (OPD) Differential pressure (OPD) Differenzdruck (OPD) Pression différentielle (OPD) Presión diferencial (OPD) Pressão diferencial (OPD)		
						Bar		
①	①	mm	mm	mm	mm	Min	Max DC	Max AC

Potenza Power Leistung Puissance Potencia Potência			Bobine Coils Spulen Bobines Bobinas Bobinas	
DC	AC	ATEX Ex m	Size	Serie
W	VA	W	mm	A - pag. 19.2 B - pag. 19.3 X - pag. 19.4

OPK04_TB3NC00 Acciaio Inox Stainless steel Edelstahl Acier inox Acero inox Aço-inox	N = NBR -10°C +90°C V = FKM -10°C +140°C E = EPDM -10°C +140°C	1.5	1.4	2.8	5.3	0	13.5	13.5	6.5	7.5	-	22	A - SOL10
							13.5	13.5	8	11	-	30	B - SOL11
							13.5	13.5	-	-	5.3	30	X - SOLX4
		2	1.4	3.3	5.3	0	8	8	6.5	7.5	-	22	A - SOL10
							8	8	8	11	-	30	B - SOL11
							8	8	-	-	5.3	30	X - SOLX4
		2.5	1.4	3.8	5.5	0	5	5	6.5	7.5	-	22	A - SOL10
							5	5	8	11	-	30	B - SOL11
							5	5	-	-	5.3	30	X - SOLX4
		3	1.4	4.3	5.6	0	3.5	3.5	6.5	7.5	-	22	A - SOL10
							3.5	3.5	8	11	-	30	B - SOL11
							3.5	3.5	-	-	5.3	30	X - SOLX4
		4	1.4	5.3	5.8	0	2	2	6.5	7.5	-	22	A - SOL10
							2	2	8	11	-	30	B - SOL11
							2	2	-	-	5.3	30	X - SOLX4

① Selezionare tenuta - Select seal material - Wählen Sie das Dichtungsmaterial aus - Sélectionner matériau d'étanchéité - Seleccionar material sellado - Seleccionar material de vedação

Bobina non inclusa - Coil not included - Magnetspulen separat - Bobines non incluse - Bobina no incluida - Bobinas não incluídas



BOBINE: SERIE A, B, X

COILS: SERIES A, B, X

SPULEN: SERIES A, B, X

BOBINES: SÉRIES A, B, X

BOBINAS: SERIES A, B, X

BOBINAS: SÉRIES A, B, X

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

CONNETTORI

CONNECTORS

STECKER

CONNECTEURS

CONECTORES

CONECTORES

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

SOLENOID PILOTS

ELETTROPILOTI 3/2 NA - Ø10 mm

SOLENOID PILOTS 3/2 NO - Ø10 mm

ELEKTROPILOTEN 3/2 NO - Ø10 mm

ÉLECTROPILOTES 3/2 NO - Ø10 mm

ELECTROPILOTOS 3/2 NO - Ø10 mm

PILOTOS ELÉTRICOS 3/2 NO - Ø10 mm

3/2 NO

Ø 10 mm



Kit operatore per valvole serie:

Operator kit for valves series:

Bediensatz für Armaturenserien:

Kit opérateur pour la série de vannes:

Kit operador para válvulas serie:

Kit do operador para as séries de válvulas:

01F

X1F

F1F

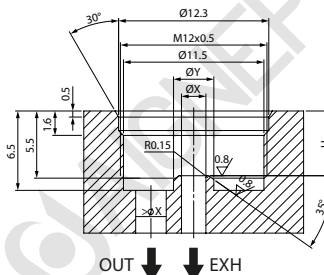
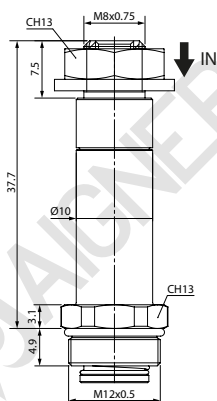
Code	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Ø IN	Ø X (EXH)	Ø Y	H	Pressione differenziale (OPD) Differential pressure (OPD) Differenzdruck (OPD) Pression différentielle (OPD) Presión diferencial (OPD) Pressão diferencial (OPD)		
						Bar		
①	①	mm	mm	mm	mm	Min	Max DC	Max AC

Potenza Power Leistung Puissance Potencia Potência			Bobine Coils Spulen Bobines Bobinas Bobinas	
DC	AC	ATEX Ex m	Size	Serie
W	VA	W	mm	A - pag. 19.2 B - pag. 19.3 X - pag. 19.4

OPK04_TB3NO00 Acciaio Inox Stainless steel Edelstahl Acier inox Acero inox Aço-inox	N = NBR -10°C +90°C	1.4	1.5	2.8	5.3	0	10	10	6.5	7.5	-	22	A - SOL10
							10	10	8	11	-	30	B - SOL11
							10	10	-	-	5.3	30	X - SOLX4
	V = FKM -10°C +140°C	1.4	2	3.3	5.3	0	10	10	6.5	7.5	-	22	A - SOL10
							10	10	8	11	-	30	B - SOL11
							10	10	-	-	5.3	30	X - SOLX4
	E = EPDM -10°C +140°C	1.4	2.5	3.8	5.5	0	4	10	6.5	7.5	-	22	A - SOL10
							10	10	8	11	-	30	B - SOL11
							4	10	-	-	5.3	30	X - SOLX4

① Selezionare tenuta - Select seal material - Wählen Sie das Dichtungsmaterial aus - Sélectionner matériau d'étanchéité - Seleccionar material sellado - Seleccionar material de vedação

Bobina non inclusa - Coil not included - Magnetspulen separat - Bobines non incluse - Bobina no incluida - Bobinas não incluídas



BOBINE: SERIE A, B, X

COILS: SERIES A, B, X

SPULEN: SERIES A, B, X

BOBINES: SÉRIES A, B, X

BOBINAS: SERIES A, B, X

BOBINAS: SÉRIES A, B, X

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

PAG: 19.2 / 19.3 / 19.4

CONNETTORI

CONNECTORS

STECKER

CONNECTEURS

CONECTORES

CONECTORES

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

PAG: 19.9 / 19.10

SOLENOID PILOTS

ELETTROPILOTI 2/2 NC - Ø13 mm
SOLENOID PILOTS 2/2 NC - Ø13 mm
ELEKTROPILOTEN 2/2 NC - Ø13 mm
ÉLECTROPILOTES 2/2 NC - Ø13 mm
ELECTROPILOTOS 2/2 NC - Ø13 mm
PILOTOS ELÉTRICOS 2/2 NC - Ø13 mm



2/2 NC

Ø 13 mm

Kit operatore per valvole serie:
Operator kit for valves series:
Bediensatz für Armaturenserien:
Kit opérateur pour la série de vannes:
Kit operador para válvulas serie:
Kit do operador para as séries de válvulas:

* 02F X3F
X2F ** 04F
* K2F 05F
F2F 90975
03F

* OPK11 - Ø 6.4 mm
** 1"1/4 → 2"

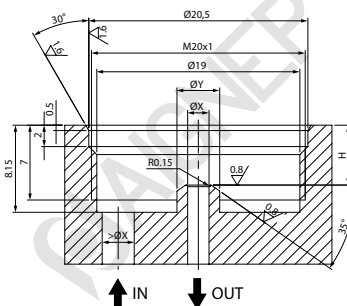
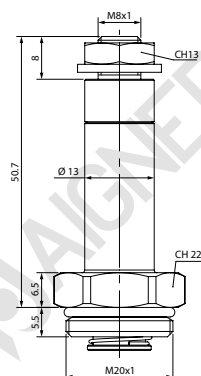
Code	Materiale tenuta Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Ø X	Ø Y	H	Pressione differenziale (OPD) Differential pressure (OPD) Differenzdruck (OPD) Pression différentielle (OPD) Pressión diferencial (OPD) Pressão diferencial (OPD)			Potenza Power Leistung Puissance Potencia Potência		Bobine Coils Spulen Bobines Bobinas Bobinas	
					Bar			DC	AC	Size	Serie
①	①	mm	mm	mm	Min	Max DC	Max AC	W	VA	mm	C - pag. 19.5 D - pag. 19.6 E - pag. 19.7

OPK05_TB2NC00 Acciaio Inox Stainless steel Edelstahl Acier inox Acero inox Aço-inox	N = NBR -10°C +90°C V = FKM -10°C +140°C E = EPDM -10°C +140°C	1.5	3.5	5.6	0	50	50	8	14	30	C - SOL20
						50	50	14	21	30	D - SOL20
						50	50	22	31	36	E - SOL21
		2	4	5.6	0	35	50	8	14	30	C - SOL20
						50	50	14	21	30	D - SOL20
						50	50	22	31	36	E - SOL21
		2.5	4.5	5.8	0	21	35	8	14	30	C - SOL20
						30	40	14	21	30	D - SOL20
						45	50	22	31	36	E - SOL21
3		5	5.9	0	10	21	8	14	30	C - SOL20	
					16	30	14	21	30	D - SOL20	
					40	40	22	31	36	E - SOL21	
* OPK11_TB2NC00 Acciaio Inox Stainless steel Edelstahl Acier inox Acero inox Aço-inox		4	6	6.1	0	3	10	8	14	30	C - SOL20
						6	14	14	21	30	D - SOL20
						15	20	22	31	36	E - SOL21
		5	6.8	6.4	0	1.4	5	8	14	30	C - SOL20
						2.2	7	14	21	30	D - SOL20
						5.5	10	22	31	36	E - SOL21
		* 6.4	8.0	6.6	0	-	2.5	-	14	30	C - SOL20
						1.5	3.5	14	21	30	D - SOL20
						4.5	5	22	31	36	E - SOL21

① Selezionare tenuta - Select seal material - Wählen Sie das Dichtungsmaterial aus - Sélectionner matériau d'étanchéité - Seleccionar material sellado - Seleccionar material de vedação

Bobina non inclusa - Coil not included - Magnetspuln separat - Bobines non incluse - Bobina no incluida - Bobinas não incluídas

* Solo per Ø 6.4 mm - Only for Ø 6.4 mm - Nur für Ø 6.4 mm - Seulement pour Ø 6.4 mm - Solo para Ø 6.4 mm - Apenas para Ø 6.4 mm



BOBINE: SERIE C, D, E

COILS: SERIES C, D, E
SPULEN: SERIES C, D, E
BOBINES: SÉRIES C, D, E
BOBINAS: SERIES C, D, E
BOBINAS: SÉRIES C, D, E

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7
PAG: 19.5 / 19.6 / 19.7
PAG: 19.5 / 19.6 / 19.7
PAG: 19.5 / 19.6 / 19.7
PAG: 19.5 / 19.6 / 19.7

CONNETTORI

CONNECTORS
STECKER
CONNECTEURS
CONECTORES
CONECTORES

PAG: 19.10

PAG: 19.10
PAG: 19.10
PAG: 19.10
PAG: 19.10
PAG: 19.10

SOLENOID PILOTS

ELETTROPILOTI 2/2 NA - Ø13 mm

SOLENOID PILOTS 2/2 NO - Ø13 mm

ELEKTROPILOTEN 2/2 NO - Ø13 mm

ÉLECTROPILOTES 2/2 NO - Ø13 mm

ELECTROPILOTOS 2/2 NO - Ø13 mm

PILOTOS ELÉTRICOS 2/2 NO - Ø13 mm

2/2 NO

Ø 13 mm



Kit operatore per valvole serie:

Operator kit for valves series:

Bediensatz für Armaturenserien:

Kit opérateur pour la série de vannes:

Kit operador para válvulas serie:

Kit do operador para as séries de válvulas:

Brass

02F

F2F

04F (1"1/4 → 2")

Kit operatore per valvole serie:

Operator kit for valves series:

Bediensatz für Armaturenserien:

Kit opérateur pour la série de vannes:

Kit operador para válvulas serie:

Kit do operador para as séries de válvulas:

Stainless steel

02F

X2F

K2F

F2F

04F (1"1/4 → 2")

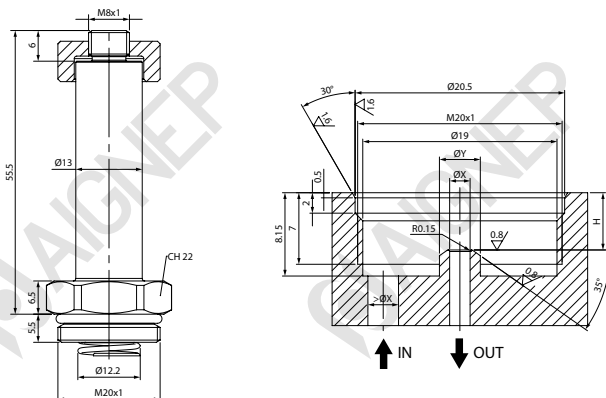
Code	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Ø X	Ø Y	H	Pressione differenziale (OPD) Differential pressure (OPD) Differenzdruck (OPD) Pression différentielle (OPD) Presión diferencial (OPD) Pressão diferencial (OPD)		
①	①	mm	mm	mm	Bar		
					Min	Max DC	Max AC

Potenza Power Leistung Puissance Potencia Potência		Bobine Coils Spulen Bobines Bobinas Bobinas	
DC	AC	Size	Serie
W	VA	mm	C - pag. 19.5 D - pag. 19.6 E - pag. 19.7

OPK05_TB2NO00 Ottone Brass Messing Laiton Latón Latão	N = NBR -10°C +90°C V = FKM -10°C +140°C	1.5	3.5	5.6	0	-	25	-	14	30	C - SOL20
						25	25	14	21	30	D - SOL20
						25	25	22	31	36	E - SOL21
		2	4	5.6	0	-	18	-	14	30	C - SOL20
						18	18	14	21	30	D - SOL20
						18	18	22	31	36	E - SOL21
		2.5	4.5	5.8	0	-	12	-	14	30	C - SOL20
						12	12	14	21	30	D - SOL20
						12	12	22	31	36	E - SOL21
	E = EPDM -10°C +140°C	3	5	5.9	0	-	7.5	-	14	30	C - SOL20
						7.5	7.5	14	21	30	D - SOL20
						7.5	7.5	22	31	36	E - SOL21
		4	6	6.1	0	-	4.5	-	14	30	C - SOL20
						4.5	4.5	14	21	30	D - SOL20
						4.5	4.5	22	31	36	E - SOL21
		5	6.8	6.4	0	-	2.5	-	14	30	C - SOL20
						2.5	2.5	14	21	30	D - SOL20
						2.5	2.5	22	31	36	E - SOL21

① Selezionare tenuta - Select seal material - Wählen Sie das Dichtungsmaterial aus - Sélectionner matériau d'étanchéité - Seleccionar material sellado - Seleccionar material de vedação

Bobina non inclusa - Coil not included - Magnetspulen separat - Bobines non incluse - Bobina no incluida - Bobinas não incluídas



BOBINE: SERIE C, D, E

COILS: SERIES C, D, E

SPULEN: SERIES C, D, E

BOBINES: SÉRIES C, D, E

BOBINAS: SERIES C, D, E

BOBINAS: SÉRIES C, D, E

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

CONNETTORI

CONNECTORS

STECKER

CONNECTEURS

CONECTORES

CONECTORES

PAG: 19.10

PAG: 19.10

PAG: 19.10

PAG: 19.10

PAG: 19.10

PAG: 19.10

SOLENOID PILOTS

ELETTROPILOTI 3/2 NC - Ø13 mm
 SOLENOID PILOTS 3/2 NC - Ø13 mm
 ELEKTROPILOTEN 3/2 NC - Ø13 mm
 ÉLECTROPILOTES 3/2 NC - Ø13 mm
 ELECTROPILOTOS 3/2 NC - Ø13 mm
 PILOTOS ELÉTRICOS 3/2 NC - Ø13 mm



OPK05

OPK10

3/2 NC

Ø 13 mm

Kit operatore per valvole serie:

OPK05

Operator kit for valves series:

Bediensatz für Armaturenserie:

02F

Kit opérateur pour la série de vannes:

X2F

Kit operador para válvulas serie:

K2F

Kit do operador para as séries de válvulas:

F2F (optional)

Kit operatore per valvole serie:

OPK10

Operator kit for valves series:

Bediensatz für Armaturenserie:

F2F

Kit opérateur pour la série de vannes:

02F (optional)

Kit operador para válvulas serie:

X2F (optional)

Kit do operador para as séries de válvulas:

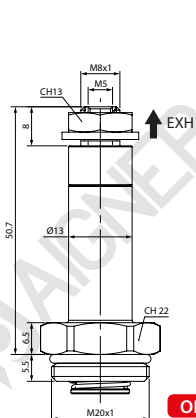
K2F (optional)

Code	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Ø X	Ø EXH		Ø Y	H	Pressione differenziale (OPD) Differential pressure (OPD) Differenzdruck (OPD) Pression différentielle (OPD) Presión diferencial (OPD) Pressão diferencial (OPD)			Potenza Power Leistung Puissance Potencia Potência		Bobine Coils Spulen Bobines Bobinas Bobinas	
			OPK05	OPK10			Bar			DC	AC	Size	Serie
①	①	mm	mm	mm	mm	mm	Min	Max DC	Max AC	W	VA	mm	C - pag. 19.5 D - pag. 19.6 E - pag. 19.7

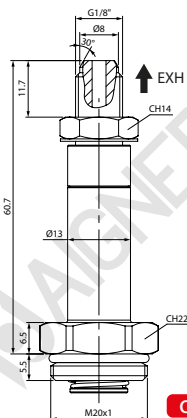
OPK05_TB3NC00 Acciaio Inox Stainless steel Edelstahl Acier inox Acero inox Aço-inox	N = NBR -10°C +90°C	1.5	1.9	2.3	3.5	5.6	0	25	25	8	14	30	C - SOL20
								25	25	14	21	30	D - SOL20
								25	25	22	31	36	E - SOL21
		2	1.9	2.3	4	5.6	0	18	18	8	14	30	C - SOL20
								18	18	14	21	30	D - SOL20
								18	18	22	31	36	E - SOL21
	V = FKM -10°C +140°C	2.5	1.9	2.3	4.5	5.8	0	13	13	8	14	30	C - SOL20
								13	13	14	21	30	D - SOL20
								13	13	22	31	36	E - SOL21
		3	1.9	2.3	5	5.9	0	10	10	8	14	30	C - SOL20
								10	10	14	21	30	D - SOL20
								10	10	22	31	36	E - SOL21
OPK10_TB3NC00 Acciaio Inox Stainless steel Edelstahl Acier inox Acero inox Aço-inox	E = EPDM -10°C +140°C	4	1.9	2.3	6	6.1	0	6	6	8	14	30	C - SOL20
								6	6	14	21	30	D - SOL20
								6	6	22	31	36	E - SOL21
		5	1.9	2.3	6.8	6.4	0	3	3	8	14	30	C - SOL20
								3	3	14	21	30	D - SOL20
								3	3	22	31	36	E - SOL21

① Selezionare tenuta - Select seal material - Wählen Sie das Dichtungsmaterial aus - Sélectionner matériau d'étanchéité - Seleccionar material sellado - Seleccionar material de vedação

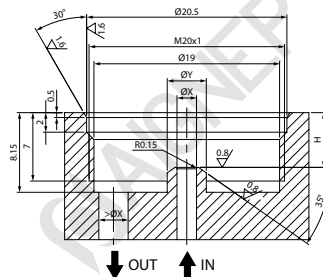
Bobina non inclusa - Coil not included - Magnetspulen separat - Bobines non incluse - Bobina no incluida - Bobinas não incluídas



OPK05



OPK10



BOBINE: SERIE C, D, E

COILS: SERIES C, D, E

SPULEN: SERIES C, D, E

BOBINES: SÉRIES C, D, E

BOBINAS: SERIES C, D, E

BOBINAS: SÉRIES C, D, E

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

CONNETTORI

CONNECTORS

STECKER

CONNECTEURS

CONECTORES

CONECTORES

PAG: 19.10

PAG: 19.10

PAG: 19.10

PAG: 19.10

PAG: 19.10

PAG: 19.10

SOLENOID PILOTS

ELETTROPILOTI 3/2 NA - Ø13 mm

SOLENOID PILOTS 3/2 NO - Ø13 mm

ELEKTROPILOTEN 3/2 NO - Ø13 mm

ÉLECTROPILOTES 3/2 NO - Ø13 mm

ELECTROPILOTOS 3/2 NO - Ø13 mm

PILOTOS ELÉTRICOS 3/2 NO - Ø13 mm

3/2 NO

Ø 13 mm



Kit operatore per valvole serie:

Operator kit for valves series:

Bediensatz für Armaturenserien:

Kit opérateur pour la série de vannes:

Kit operador para válvulas serie:

Kit do operador para as séries de válvulas:

02F

X2F

K2F

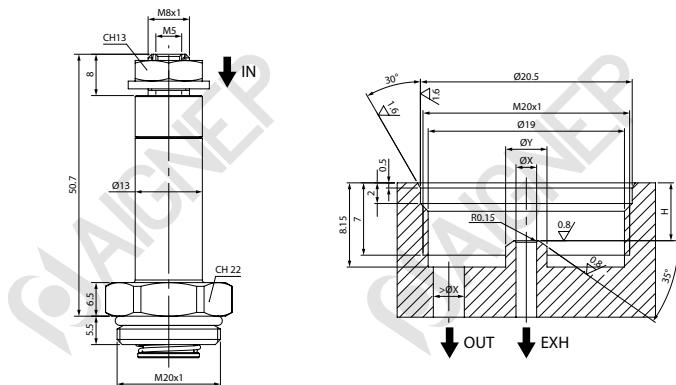
F2F

Code	Materiale tenute Sealing materials Dichtungswerkstoffe Matériau joint Material juntas Material das vedações	Ø IN	Ø X (EXH)	Ø Y	H	Pressione differenziale (OPD) Differential pressure (OPD) Differenzdruck (OPD) Pression différentielle (OPD) Presión diferencial (OPD) Pressão diferencial (OPD)			Potenza Power Leistung Puissance Potencia Potência		Bobine Coils Spulen Bobines Bobinas Bobinas	
						Bar			DC	AC	Size	Serie
①	①	mm	mm	mm	mm	Min	Max DC	Max AC	W	VA	mm	C - pag. 19.5 D - pag. 19.6 E - pag. 19.7

OPK05_TB3NO00 Acciaio Inox Stainless steel Edelstahl Acier inox Acero inox Aço-inox	N = NBR -10°C +90°C V = FKM -10°C +140°C E = EPDM -10°C +140°C	1.9	1.5	3.5	5.6	0	15	15	8	14	30	C - SOL20
							15	15	14	21	30	D - SOL20
							15	15	22	31	36	E - SOL21
		1.9	2	4	5.6	0	15	15	8	14	30	C - SOL20
							15	15	14	21	30	D - SOL20
							15	15	22	31	36	E - SOL21
		1.9	2.5	4.5	5.8	0	15	15	8	14	30	C - SOL20
							15	15	14	21	30	D - SOL20
							15	15	22	31	36	E - SOL21
		1.9	3	5	5.9	0	10	15	8	14	30	C - SOL20
							15	15	14	21	30	D - SOL20
							15	15	22	31	36	E - SOL21
		1.9	4	6	6.1	0	4	10	8	14	30	C - SOL20
							7	15	14	21	30	D - SOL20
							13	15	22	31	36	E - SOL21
		1.9	5	6.8	6.4	0	2	6	8	14	30	C - SOL20
							3	9.5	14	21	30	D - SOL20
							8	12	22	31	36	E - SOL21

① Selezionare tenuta - Select seal material - Wählen Sie das Dichtungsmaterial aus - Sélectionner matériau d'étanchéité - Seleccionar material sellado - Seleccionar material de vedação

Bobina non inclusa - Coil not included - Magnetspulen separat - Bobines non incluse - Bobina no incluida - Bobinas não incluídas



BOBINE: SERIE C, D, E

COILS: SERIES C, D, E

SPULEN: SERIES C, D, E

BOBINES: SÉRIES C, D, E

BOBINAS: SERIES C, D, E

BOBINAS: SÉRIES C, D, E

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

PAG: 19.5 / 19.6 / 19.7

CONNETTORI

CONNECTORS

STECKER

CONNECTEURS

CONECTORES

CONECTORES

PAG: 19.10

PAG: 19.10

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