

Schnellkupplungen Kunststoff

PVDF, POM

Innesti rapidi in plastica

PVDF, POM

Quick-disconnect couplings in plastic

PVDF, POM



Seite/Pagina/Page

Seite/Pagina/Page

Schnellkupplungen PVDF
Innesti rapidi PVDF
Quick couplings PVDF

Schnellkupplungen POM
Innesti rapidi POM
Quick couplings POM

Sicherheitskupplung "Kuppler"
 Innesti di sicurezza "femmina"
 Safety coupling "coupler"

627-632



Serie PMC/PLC "Kuppler"
 Serie PMC/PLC "innesto femmina"
 Series PMC/PLC "coupler"

644-648



Sicherheitskupplung "Stecker"
 Innesti di sicurezza "maschio"
 Safety coupling "nipple"

632-634



Serie PMC/PLC "Stecker"
 Serie PMC/PLC "innesto maschio"
 Series PMC/PLC "nipple"

648-650



Kupplung Plus "Kuppler"
 Innesti Plus "femmina"
 Coupling Plus "coupler"

635-637



Kupplung Plus "Stecker"
 Innesti di sicurezza "maschio"
 Coupling Plus "nipple"

637



Serie 21 "Kuppler"
 Serie 21 "innesto femmina"
 Series 21 "coupler"

638-640



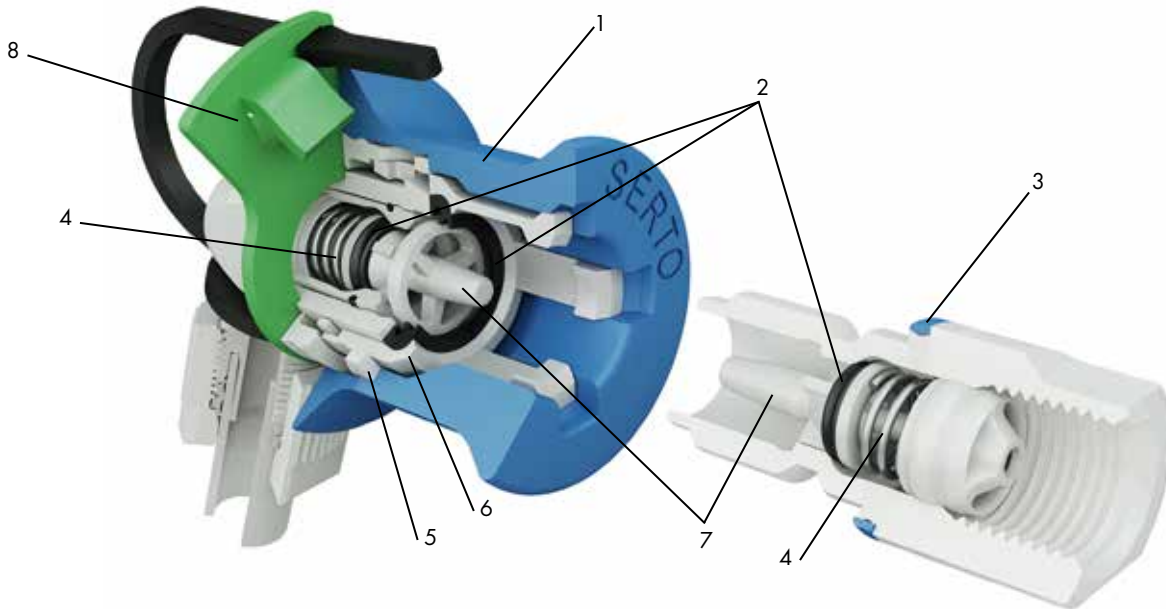
Serie 21 "Stecker"
 Serie 21 "innesto maschio"
 Series 21 "nipple"

641-643



PVDF-Sicherheitskupplung Innesto di sicurezza PVDF PVDF safety coupling

CO K / KU / KA / KAU
COT / TA



15

Nr. No. No.	Bezeichnung Designazione Description	Material Materiale Material	Nr. No. No.	Bezeichnung Designazione Description	Material Materiale Material	Nr. No. No.	Bezeichnung Designazione Description	Material Materiale Material
1*	Schiebehülse blau Manicotto scorrevole blu Sliding sleeve blue	PVDF (FDA)	4	Druckfeder Molla di compressione Compression spring	Inox 1.4310	7	Ventileinsatz (Option) Innesti delle valvole (opzione) Valve insert (option)	PVDF (FDA)
2*	Dichtung Guarnizione Seal	EPDM (FDA)	5	Rückstellfeder Molla di richiamo Return spring	PVDF (FDA)	8	Entriegelungssicherung Sicurezza antisbloccaggio Safety lock	PVDF (FDA)
3*	Farbmarkierung blau Elemento colorato blu Color coding blue	PVDF (FDA)	6	Spannzange Pinza Collet	PVDF (FDA)			

Spezifikationen

Betriebsdruck (PN): 10 bar
Temperatur: -20°C bis +100°C
Sterilisierbar: bis +121°C
Sicherheitsfaktor: 1.5-fach

Merkmale

Speziell geeignet für anspruchsvolle Anwendungen u.a. in der chemischen und pharmazeutischen Industrie.

Im Medizinalbereich insbesondere geeignet zum Anschluss an Dialysator-Kartuschen.

* Optionen erhältlich

- 1 - Schiebehülse: rot, weiss
- 2 - Dichtung: FKM, Silikon
- 3 - Markierung: rot, weiss

Specifiche

Pressione di esercizio (PN): 10 bar
Temperatura: -20°C a +100°C
Sterilizzabile: fino a +121°C
Fattore di sicurezza: 1.5 volte

Caratteristiche

Specialmente indicati per applicazioni particolarmente esigenti, ad es. nell'industria chimica e farmaceutica.

Nelle applicazioni mediche, sono particolarmente indicati per il collegamento a cartucce di dializzatori.

* Opzioni disponibile

- 1 - Manicotto: rosso, bianco
- 2 - Guarnizione: FKM, silicone
- 3 - Elementi: rosso, bianco

Specifications

Working pressure (PN): 10 bar
Temperature: -20°C to +100°C
Sterilizable: up to +121°C
Safety factor: 1.5 times

Characteristics

Especially for demanding applications, for example in the chemical and pharmaceutical industries.

In medical technology ideal for connecting dialyser cartridges.

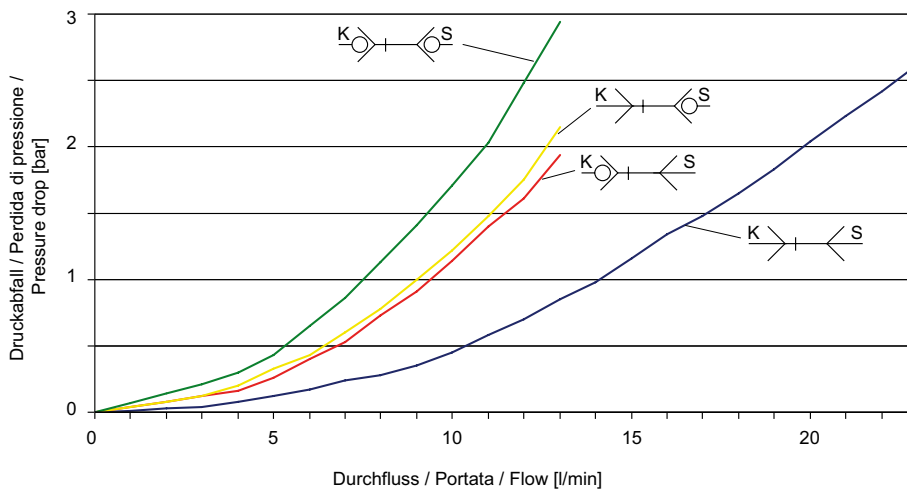
* Options available

- 1 - Sleeve: red, white
- 2 - Seal: FKM, silicone
- 3 - Coding: red, white

Druckverlustkurve Wasser

Curva della perdita di pressione dell'acqua

Pressure loss curve for water



Kuppler

absperrend
 nicht absperrend

Stecker

absperrend
 nicht absperrend

Innesto femmina

con blocco
 senza blocco

Innesto maschio

con blocco
 senza blocco

Coupler

shut-off
 no shut-off

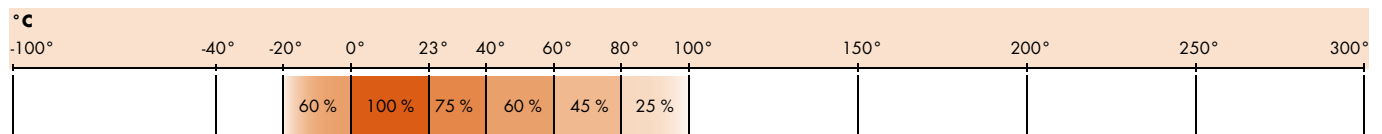
Nipple

shut-off
 no shut-off

Druckauswertungsgrad in % des PN

Coefficiente di pressione in % della PN

Pressure coefficient in % of PN



Bestellhinweis Materialbezeichnung

Indicazioni per l'ordine denominazione dei materiali

Order information material description

Bsp.: Bestellnummer CO KA/BS-SOT-LW6-PE

Esempio: No. ordine CO KA/BS-SOT-LW6-PE

Exemple: Order no. CO KA/BS-SOT-LW6-PE

CO	CO Kupplung	CO Innesto	CO Coupling
KA/	K Kuppler gerade nicht absperrend	K Innesto fem. diritto senza blocco	K Coupler straight no shut-off
	KU Kuppler abgewinkelt nicht absperrend	KU Innesto fem. angolato senza blocco	KU Coupler angled no shut-off
	KA Kuppler gerade absperrend	KA Innesto fem. diritto con blocco	KA Coupler straight shut-off
	KAU Kuppler abgewinkelt absperrend	KAU Innesto fem. angolato con blocco	KAU Coupler angled shut-off
	T Stecker gerade nicht absperrend	T Innesto masc. diritto senza blocco	T Nipple straight no shut-off
	TA Stecker gerade absperrend	TA Innesto masc. diritto con blocco	TA Nipple straight shut-off
BS-	BS blau mit Sicherung	BS blu con sicurezza	BS blue with safety lock
	NS neutral (weiss) mit Sicherung *	NS neutro (bianco) con sicurezza *	NS nature (white) with safety lock *
	RS rot mit Sicherung *	RS rosso con sicurezza *	RS red with safety lock *
	F ohne Rückstellfeder, mit Sicherung *	F senza molla, con sicurezza *	F without return spring, with safety lock *
SO	SO SERTO	SO SERTO	SO SERTO
T-	T Schlauchtülle	T portagomma	T hose nozzle
	I Innengewinde	I filetto interno	I female thread
	S SERTO-Anschluss	S attacco SERTO	S SERTO tube connector
LW6-	LW6 Anschlussgrösse für Schlauch id 6 mm	LW6 misura del raccordo per tubo id 6 mm	LW6 port size for hose id 6 mm
	1/4 Rohrgewinde zylindrisch	1/4 filetto BSP cilindrico	1/4 BSP thread straight
	6 für Rohrdurchmesser 6 mm	6 per diametro esterno del tubo 6 mm	6 for tube outside diameter 6 mm
P	PVDF	PVDF	PVDF
E	Dichtung E EPDM	Guarnizione E EPDM	Seal E EPDM
	V FKM *	V FKM *	V FKM *
	S Silikon *	S Silicone *	S Silicone *

* Option auf Anfrage

* opzione, su richiesta

* optional, on request

Kuppler mit Innengewinde

nicht absperrend

Innesto femmina con filetto interno

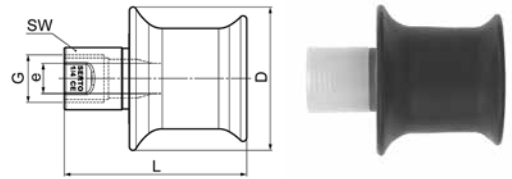
senza blocco

Coupler with female thread

no shut-off

CO K/BS-SOI

Type -G	Mat.-Nr.	bar	SW	L	D	e	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)		G=BSP thread (parallel)				
CO K/BS-SOI-G $\frac{1}{4}$ PE	358.0114.001	10	19	51.0	40.0	8.4	3.400



Kuppler mit Innengewinde

absperrend

Innesto femmina con filetto interno

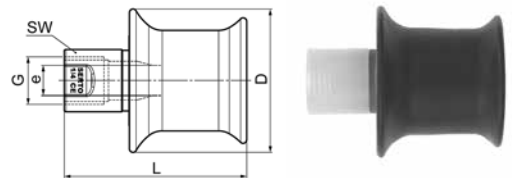
con blocco

Coupler with female thread

shut-off

CO KA/BS-SOI

Type -G	Mat.-Nr.	bar	SW	L	D	e	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)		G=BSP thread (parallel)				
CO KA/BS-SOI-G $\frac{1}{4}$ PE	358.1114.001	10	19	51.0	40.0	8.4	3.500



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Kuppler mit Schlauchtülle

nicht absperrend

Innesto femmina con portagomma

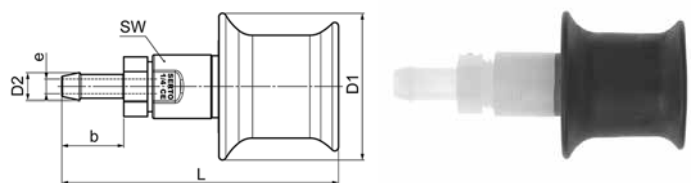
senza blocco

Coupler with hose nozzle

no shut-off

CO K/BS-SOT

Type -LW	Mat.-Nr.	bar	SW	L	D1	D2	b	e	kg/100
CO K/BS-SOT-LW6 PE	358.0506.001	10	19	76.0	40.0	7.5	17.0	4.0	3.800
CO K/BS-SOT-LW8 PE	358.0508.001	10	19	76.0	40.0	9.5	17.0	6.0	3.800



d=Rohraussen- \varnothing
LW=Rohrinnen- \varnothing
e=kleinste Bohrung

d=diametro esterno del tubo
LW=diametro interno del tubo
e=foro minimo di passaggio

d=tube outside diameter
LW=tube inside diameter
e=minimum bore

Kuppler mit Schlauchtülle

absperrend

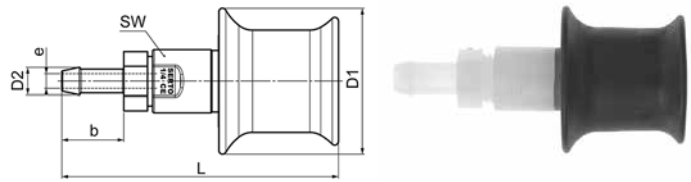
Innesto femmina con portagomma

con blocco

Coupler with hose nozzle

shut-off

CO KA/BS-SOT



Type -LW	Mat.-Nr.	bar	SW	L	D1	D2	b	e	kg/100
CO KABS-SOT-LW6 PE	358.1506.001	10	19	76.0	40.0	7.5	17.0	4.0	3.900
CO KABS-SOT-LW8 PE	358.1508.001	10	19	76.0	40.0	9.5	17.0	6.0	3.900

Kuppler mit SERTO-Anschluss

nicht absperrend

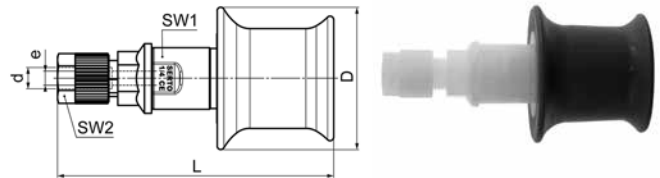
Innesto femmina con attacco SERTO

senza blocco

Coupler with SERTO connection

no shut-off

CO K/BS-SOS



Type -d	Mat.-Nr.	bar	SW1	SW2	L	D	e	kg/100
CO KBS-SOS-6 PE	358.0306.001	10	19	12	78.0	40.0	2.8	4.100
CO KBS-SOS-8 PE	358.0308.001	10	19	14	79.0	40.0	4.8	4.200
CO KBS-SOS-10 PE	358.0310.001	10	19	17	80.5	40.0	6.6	4.500

Kuppler mit SERTO-Anschluss

absperrend

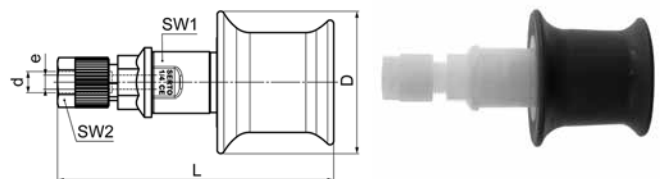
Innesto femmina con attacco SERTO

con blocco

Coupler with SERTO connection

shut-off

CO KA/BS-SOS



Type -d	Mat.-Nr.	bar	SW1	SW2	L	D	e	kg/100
CO KABS-SOS-6 PE	358.1306.001	10	19	12	78.0	40.0	2.8	4.200
CO KABS-SOS-8 PE	358.1308.001	10	19	14	79.0	40.0	4.8	4.300
CO KABS-SOS-10 PE	358.1310.001	10	19	17	80.5	40.0	6.6	4.600

Kuppler mit Schlauchtülle abgewinkelt

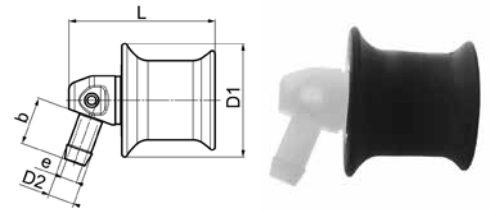
nicht absperrend

Innesto femmina con portagomma angolato

senza blocco

Coupler with hose nozzle angled

no shut-off



CO KU/BS-SOT

Type -LW	Mat.-Nr.	bar	L	D1	D2	b	e	kg/100
CO KUBS-SOT-LW8 PE	358.0408.001	10	51.0	40.0	9.5	17.0	6.0	3.300

Kuppler mit Schlauchtülle abgewinkelt

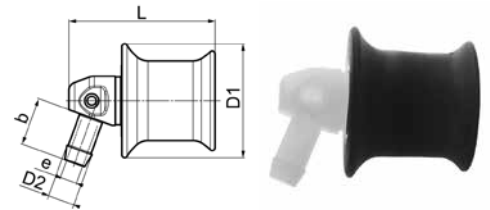
absperrend

Innesto femmina con portagomma angolato

con blocco

Coupler with hose nozzle angled

shut-off



CO KAU/BS-SOT

Type -LW	Mat.-Nr.	bar	L	D1	D2	b	e	kg/100
CO KAUBS-SOT-LW8 PE	358.1408.001	10	51.0	40.0	9.5	17.0	6.0	3.400

Kuppler mit SERTO-Anschluss abgewinkelt

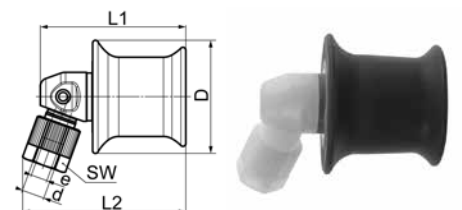
nicht absperrend

Innesto femmina con attacco SERTO angolato

senza blocco

Coupler with SERTO connection angled

no shut-off



CO KU/BS-SOS

Type -d	Mat.-Nr.	bar	SW	L1	L2	D	e	kg/100
CO KUBS-SOS-8 PE	358.0208.001	10	14	51.0	57.5	40.0	4.8	3.700
CO KUBS-SOS-10 PE	358.0210.001	10	17	51.0	61.0	40.0	6.6	4.000

Kuppler mit SERTO-Anschluss abgewinkelt

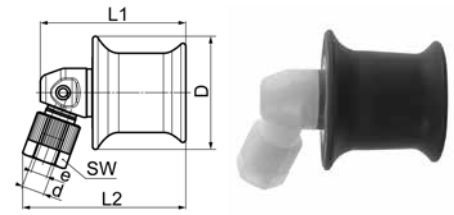
absperrend

Innesto femmina con attacco SERTO angolato

con blocco

Coupler with SERTO connection angled

shut-off



CO KAU/BS-SOS

Type -d	Mat.-Nr.	bar	SW	L1	L2	D	e	kg/100
CO KAU/BS-SOS-8 PE	358.1208.001	10	14	51.0	57.5	40.0	4.8	3.800
CO KAU/BS-SOS-10 PE	358.1210.001	10	17	51.0	61.0	40.0	6.6	4.100

Stecker mit Innengewinde

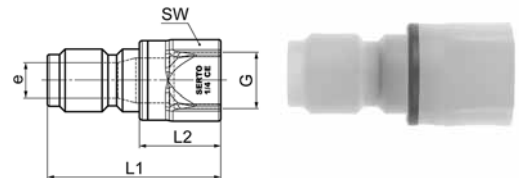
nicht absperrend

Innesto maschio con filetto femmina

senza blocco

Nipple with female thread

no shut-off



CO T/B-SOI

Type -G	Mat.-Nr.	bar	SW	L1	L2	e	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)					G=BSP thread (parallel)	
CO T/B-SOI-G $\frac{1}{4}$ P	358.5114.000	10	19	41.5	19.5	8.4	1.000
CO T/B-SOI-G $\frac{3}{8}$ P	358.5138.000	10	22	41.5	19.5	8.4	1.100

Stecker mit Innengewinde

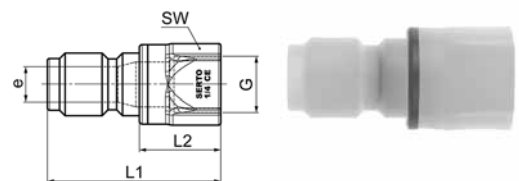
absperrend

Innesto maschio con filetto femmina

con blocco

Nipple with female thread

shut-off



CO TA/B-SOI

Type -G	Mat.-Nr.	bar	SW	L1	L2	e	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)					G=BSP thread (parallel)	
CO TA/B-SOI-G $\frac{1}{4}$ PE	358.6114.001	10	19	41.5	19.5	8.4	1.100
CO TA/B-SOI-G $\frac{3}{8}$ PE	358.6138.001	10	22	41.5	19.5	8.4	1.200

Stecker mit Schlauchtülle

nicht absperrend

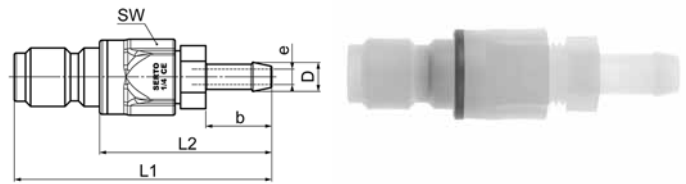
Innesto maschio con portagomma

senza blocco

Nipple with hose nozzle

no shut-off

CO T/B-SOT



Type -LW	Mat.-Nr.	bar	SW	L1	L2	D	b	e	kg/100
CO TB-SOT-LW6 P	358.5506.000	10	19	66.5	44.5	7.5	17.0	4.0	1.500
CO TB-SOT-LW8 P	358.5508.000	10	19	66.5	44.5	9.5	17.0	6.0	1.600
CO TB-SOT-LW10 P	358.5510.000	10	22	67.5	45.5	11.5	19.0	7.0	1.900

Stecker mit Schlauchtülle

absperrend

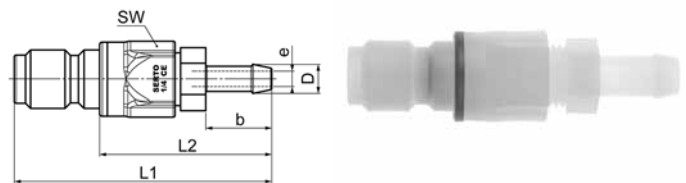
Innesto maschio con portagomma

con blocco

Nipple with hose nozzle

shut-off

CO TA/B-SOT



Type -LW	Mat.-Nr.	bar	SW	L1	L2	D	b	e	kg/100
CO TAB-SOT-LW6 PE	358.6506.001	10	19	66.5	44.5	7.5	17.0	4.0	1.600
CO TAB-SOT-LW8 PE	358.6508.001	10	19	66.5	44.5	9.5	17.0	6.0	1.700
CO TAB-SOT-LW10 PE	358.6510.001	10	22	67.5	45.5	11.5	19.0	7.0	2.000

Stecker mit SERTO-Anschluss

nicht absperrend

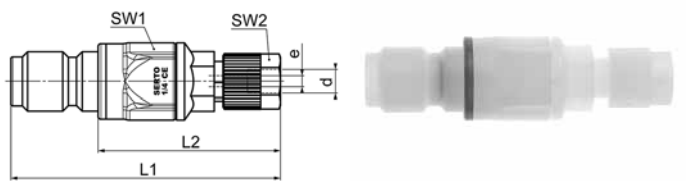
Innesto maschio con attacco SERTO

senza blocco

Nipple with SERTO connection

no shut-off

CO T/B-SOS



Type -d	Mat.-Nr.	bar	SW1	SW2	L1	L2	e	kg/100
CO TB-SOS-6 P	358.5306.000	10	19	12	68.0	46.0	2.8	1.700
CO TB-SOS-8 P	358.5308.000	10	19	14	69.0	47.0	4.8	1.800
CO TB-SOS-10 P	358.5310.000	10	22	17	70.5	48.5	6.6	2.100

d=Rohraussen-ø
LW=Rohrinnen-ø
e=kleinste Bohrung

d=diametro esterno del tubo
LW=diametro interno del tubo
e=foro minimo di passaggio

d=tube outside diameter
LW=tube inside diameter
e=minimum bore

Stecker mit SERTO-Anschluss

absperrend

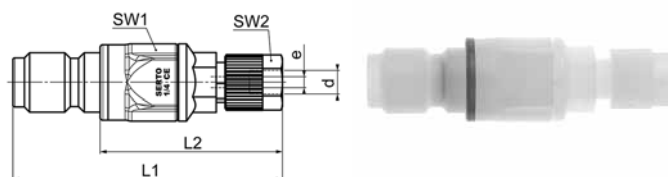
Innesto maschio con attacco

SERTO

con blocco

Nipple with SERTO connection

shut-off



CO TA/B-SOS

Type -d	Mat.-Nr.	bar	SW1	SW2	L1	L2	e	kg/100
CO TA/B-SOS-6 PE	358.6306.001	10	19	12	68.0	46.0	2.8	1.800
CO TA/B-SOS-8 PE	358.6308.001	10	19	14	69.0	47.0	4.8	1.900
CO TA/B-SOS-10 PE	358.6310.001	10	22	17	70.5	48.5	6.6	2.200

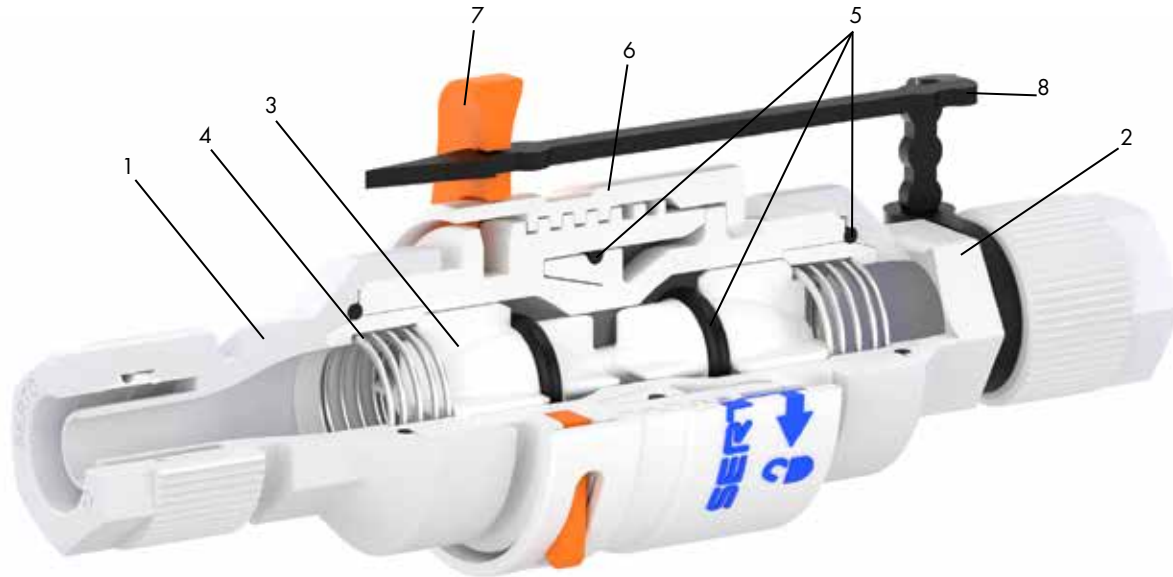
d=Rohraussen-ø
LW=Rohrinnen-ø
e=kleinste Bohrung

d=diametro esterno del tubo
LW=diametro interno del tubo
e=foro minimo di passaggio

d=tube outside diameter
LW=tube inside diameter
e=minimum bore

PVDF Kupplung "Plus"
Innesto PVDF "Plus"
PVDF coupling "Plus"

COP KA/NS
COP TA/NS



15

Nr. No. No.	Bezeichnung Designazione Description	Material Materiale Material	Nr. No. No.	Bezeichnung Designazione Description	Material Materiale Material	Nr. No. No.	Bezeichnung Designazione Description	Material Materiale Material
1	Kuppler Innesto femmina Coupler	PVDF (FDA)	4	Druckfeder Molla di compressione Compression spring	Hastelloy® 2.4610	7	Sicherungsklammer Gancio di sicurezza Safety clamp	PA
2	Stecker Innesto maschio Nipple	PVDF (FDA)	5	Dichtung Guarnizione Seal	EPDM (FDA)	8	Verliersicherung Sicurezza anti-perdita Loss protection	EPDM
3	Ventilkegel Cono valvola Valve cone	PVDF (FDA)	6	Verschlussmutter Dado di chiusura Lock nut	PA/TPE			

Spezifikationen

Betriebsdruck (PN): 10 bar
 Temperatur: -20°C bis +100°C
 Sterilisierbar: bis +121°C
 Sicherheitsfaktor: 1.5-fach

Merkmale

Schraubkupplung für höchste Sicherheit im Einsatz. Die Sicherungsklammer verhindert unbeabsichtigtes Lösen der Verschlußmutter. Optimale, tottraumarme Konstruktion für hohe Durchflussraten.

Optionen

- Varianten: mit Übergangsmuffe SO 20030

Specifiche

Pressione di esercizio (PN): 10 bar
 Temperatura: -20°C a +100°C
 Sterilizzabile: fino a +121°C
 Fattore di sicurezza: 1.5 volte

Caratteristiche

Innesto a vite per la massima sicurezza durante l'uso. Il gancio di sicurezza impedisce il rilascio accidentale del dado di chiusura. Design ottimizzato con spazio morto minime per alte portate.

Opzioni

- Altri versioni: con nipplo femmina SO 20030

Specifications

Working pressure (PN): 10 bar
 Temperature: -20°C to +100°C
 Sterilizable: up to +121°C
 Safety factor: 1.5 times

Characteristics

Screw coupling for maximum safety in use. The safety clamp prevents accidental release of the lock nut. Optimised design with minimal dead space for high flow rates.

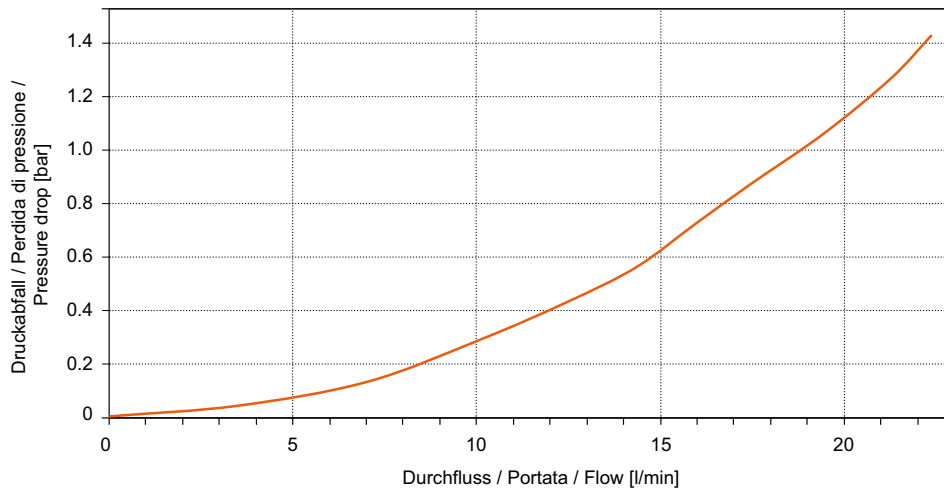
Options

- Other versions: with female adaptor SO 20030

Druckverlustkurve Wasser

Curva della perdita di pressione dell'acqua

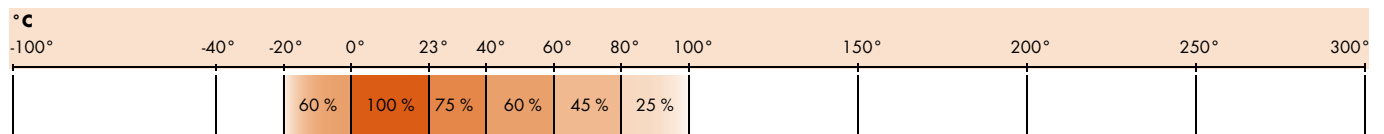
Pressure loss curve for water



Druckauswertungsgrad in % des PN

Coefficiente di pressione in % della PN

Pressure coefficient in % of PN



Kuppler mit SERTO-Anschluss

absperrend

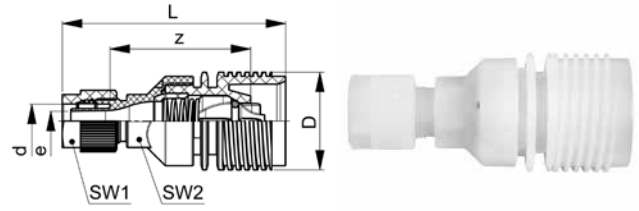
Innesto femmina con attacco SERTO

con blocco

Coupler with SERTO connection

shut-off

COP KA/NS-SOS



Type -d	Mat.-Nr.	bar	SW1	SW2	L	D	z	e	kg/100
COP KANS-SOS-129 E	348.6212.031	10	19	19	80.0	35.0	50.5	7.0	5.500

Stecker mit SERTO-Anschluss

absperrend

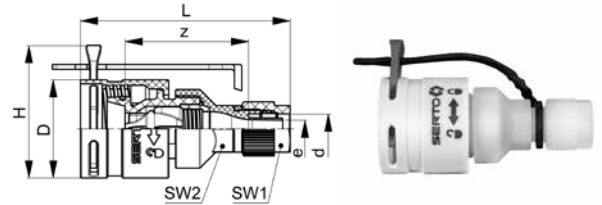
Innesto maschio con attacco SERTO

con blocco

Nipple with SERTO connection

shut-off

COP TA/NS-SOS



Type -d	Mat.-Nr.	bar	SW1	SW2	L	D	H	z	e	kg/100
COP TANS-SOS-129 E	348.3212.031	10	19	19	85.0	40.0	54.0	50.5	7.0	6.000

Kupplungen PVDF Serie 21

Innesti PVDF serie 21

Couplings PVDF series 21

Materialien Serie 21

- Kuppler und Stecker: PVDF weiss
- Federn: Edelstahl 1.4571
- Dichtung: FKM

Nennweite

5 = 20 mm²

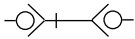
Betriebstemperatur

-20°C bis +120°C
sterilisierbar bis +160°C
(abhängig vom Durchflussmedium)

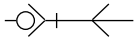
Betriebsdruck

8 bar bei +23°C
maximaler statischer Betriebsdruck (ohne Pulsation) bei min. 4-facher statischer Sicherheit

Kupplungsfunktionen



beidseitig absperrend
Kuppler absperrend <CO KA...>
Stecker absperrend <CO TA...>



einseitig absperrend
Kuppler absperrend <CO KA...>
Stecker nicht absperrend <CO T...>

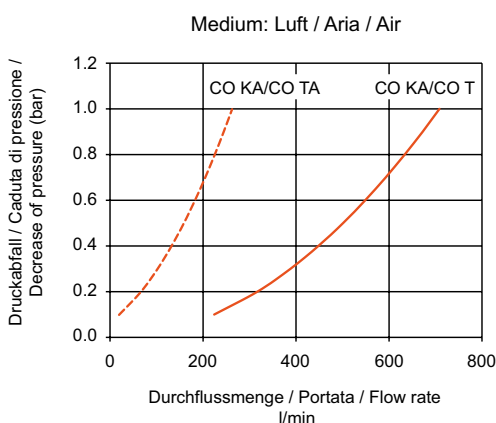
Eigenschaften

- überdurchschnittliche Durchflussleistung
- Einhandbedienung

Merkmale

- Funktion: Mini-Industriekupplung
- Einsatz: Medizintechnik, Lebensmittel, Laborbereich
- Medien: Flüssigkeiten, Gase, Vakuum 87 %

Durchflussleistung



Materiali serie 21

- Innesto femmina e maschio: PVDF bianco
- Molla: acciaio inossidabile 1.4571
- Guarnizioni: FKM

Larghezza nominale

5 = 20 mm²

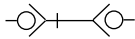
Gamma di temperatura

-20°C a +120°C
sterilizzabile fino a +160°C
(a seconda della sostanza trasportata)

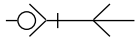
Pressione di esercizio

8 bar a +23°C
pressione massima di esercizio statica (senza pulsazione) a min. 4 volte la sicurezza statica

Funzioni



arresto su due lati
innesto femmina con blocco <CO KA...>
innesto maschio con blocco <CO TA...>



arresto su un lato
innesto femmina con blocco <CO KA...>
innesto maschio senza blocco <CO T...>

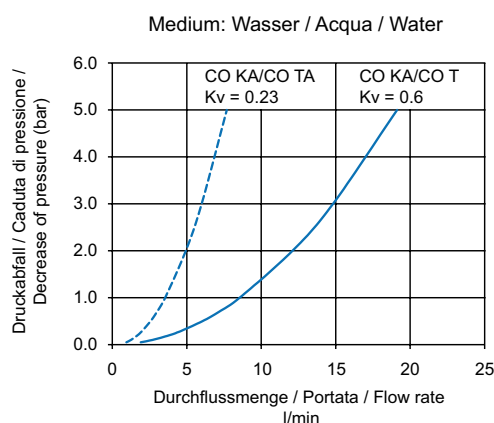
Proprietà

- portata nominale superiore alla media
- per uso con una sola mano

Caratteristica

- Funzione: mini giunto industriale
- Applicazione: tecnologia medico, industria alimentare, laboratorio
- Sostanze: fluidi, gas, vuoto 87 %

Portata



Materials series 21

- Coupler and nipple: PVDF white
- Spring: stainless steel 1.4571
- Seals: FKM

Nominal bore

5 = 20 mm²

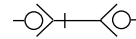
Temperature range

-20°C up to +120°C
sterilizable up to +160°C
(depending on medium used)

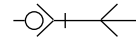
Working pressure

8 bar at +23°C
maximum static operating pressure (without pulsation) at min. static safety of 4

Coupling functions



double-sided shut-off
coupler shut-off <CO KA...>
nipple shut-off <CO TA...>



one-sided shut-off
coupler shut-off <CO KA...>
nipple no shut-off <CO T...>

Properties

- above-average flow rate
- one-handed operation

Characteristics

- Function: mini industrial coupling
- Uses: medical technology, food industry, laboratories
- Media: fluids, gases, vacuum 87 %

Flow capacity



Kuppler mit Schlauchtülle

absperrend

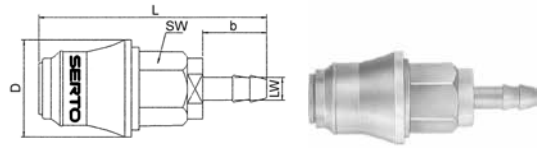
Innesto femmina con portagomma

con blocco

Coupler with hose nozzle

shut-off

CO KA 211 (P)



Type -LW	Mat.-Nr.	bar	SW	L	b	D	kg/100
CO KA 211-LW 4 P	302.8110.040	8	17	60.0	17.0	25.5	1.510
CO KA 211-LW 6 P	302.8110.060	8	17	60.0	17.0	25.5	1.580

Kuppler mit Innengewinde

absperrend

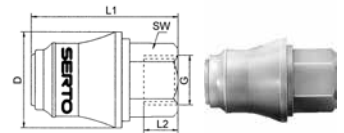
Innesto femmina con filetto interno

con blocco

Coupler with female thread

shut-off

CO KA 212 (P)



Type -G	Mat.-Nr.	bar	SW	L1	L2	D	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)					G=BSP thread (parallel)	
CO KA 212-G $\frac{1}{8}$ P	302.8120.020	8	17	53.0	8.0	25.5	1.300
CO KA 212-G $\frac{1}{4}$ P	302.8120.040	8	17	39.0	9.0	25.5	1.030

Kuppler mit Aussengewinde

absperrend

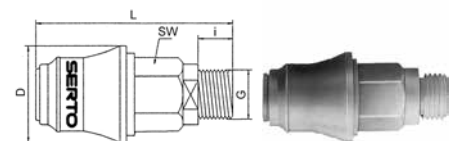
Innesto femmina con filetto esterno

con blocco

Coupler with male thread

shut-off

CO KA 213 (P)



Type -G	Mat.-Nr.	bar	SW	L	i	D	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)					G=BSP thread (parallel)	
CO KA 213-G $\frac{1}{8}$ P	302.8130.020	8	17	50.0	7.0	25.5	1.530
CO KA 213-G $\frac{1}{4}$ P	302.8130.040	8	17	52.0	7.0	25.5	1.570

Kuppler mit Rohranschluss

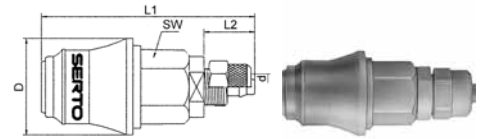
absperrend

Innesto femmina con raccordo al tubo

con blocco

Coupler with tube connection

shut-off



CO KA 214 (P)

Type -d	Mat.-Nr.	bar	SW	L1	L2	D	kg/100
CO KA 214-6 P	302.8140.060	8	17	68.0	18.0	25.5	1.820
CO KA 214-8 P	302.8140.080	8	17	68.0	18.0	25.5	1.930

Kuppler in Schottausführung mit Rohranschluss

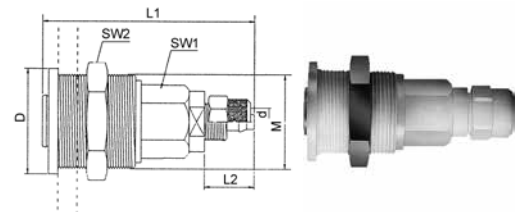
absperrend

Innesto femmina a passa paratia con raccordo al tubo

con blocco

Panel mount coupler with tube connection

shut-off



CO KA 215 (P)

Type -d	Mat.-Nr.	bar	M	SW1	SW2	L1	L2	D	kg/100
CO KA 215-6 P	302.8740.060	8	25x1.0	17	27	56.0	13.0	28.0	2.840
CO KA 215-8 P	302.8740.080	8	25x1.0	17	27	56.0	13.0	28.0	2.890

Kuppler in Schottausführung mit Schlauchtülle

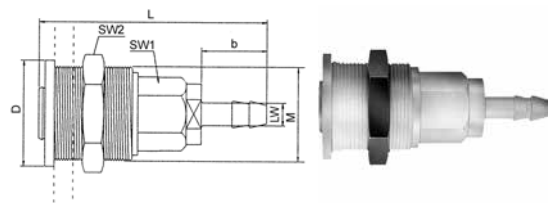
absperrend

Innesto femmina a passa paratia con portagomma

con blocco

Coupler panel mount with hose nozzle

shut-off



CO KA 216 (P)

Type -LW	Mat.-Nr.	bar	M	SW1	SW2	L	D	b	kg/100
CO KA 216-LW 4 P	302.8710.040	8	25x1.0	17	27	60.0	28.0	17.0	2.700
CO KA 216-LW 6 P	302.8710.060	8	25x1.0	17	27	60.0	28.0	17.0	2.770

Stecker mit Schlauchtülle

nicht absperrend

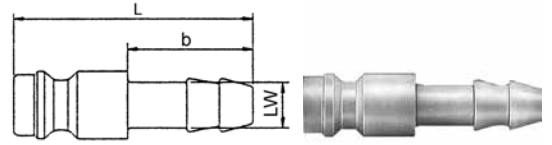
Innesto maschio con portagomma

senza blocco

Nipple with hose nozzle

no shut-off

COT 211 (P)



Type -LW	Mat.-Nr.	bar	L	b	kg/100
COT 211-LW 4 P	302.6010.040	8	32.0	17.0	0.100
COT 211-LW 6 P	302.6010.060	8	32.0	17.0	0.110

Stecker mit Schlauchtülle

absperrend

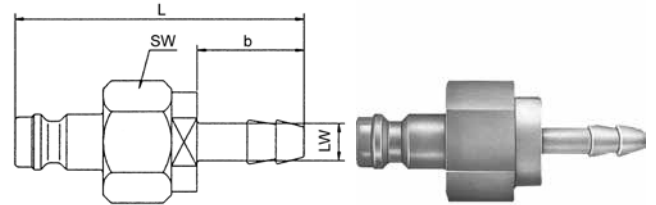
Innesto maschio con portagomma

con blocco

Nipple with hose nozzle

shut-off

CO TA 211 (P)



Type -LW	Mat.-Nr.	bar	SW	L	b	kg/100
CO TA 211-LW 4 P	302.6110.040	8	17	46.0	17.0	0.630
CO TA 211-LW 6 P	302.6110.060	8	17	46.0	17.0	0.660

Stecker mit Innengewinde

nicht absperrend

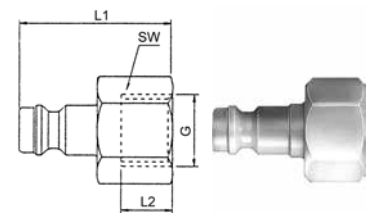
Innesto maschio con filetto interno

senza blocco

Nipple with female thread

no shut-off

COT 212 (P)



Type -G	Mat.-Nr.	bar	SW	L1	L2	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)			G=BSP thread (parallel)		
COT 212-G $\frac{1}{8}$ P	302.6020.020	8	14	24.0	8.0	0.190
COT 212-G $\frac{1}{4}$ P	302.6020.040	8	17	25.0	9.0	0.330

Stecker mit Innengewinde

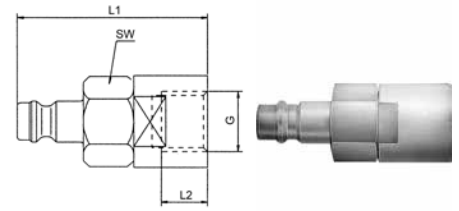
absperrend

Innesto maschio con filetto interno

con blocco

Nipple with female thread

shut-off



CO TA 212 (P)

Type -G	Mat.-Nr.	bar	SW	L1	L2	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)			G=BSP thread (parallel)		
CO TA 212-G $\frac{1}{8}$ P	302.6120.020	8	17	39.0	8.0	0.840
CO TA 212-G $\frac{1}{4}$ P	302.6120.040	8	17	42.0	10.0	1.150

Stecker mit Aussengewinde

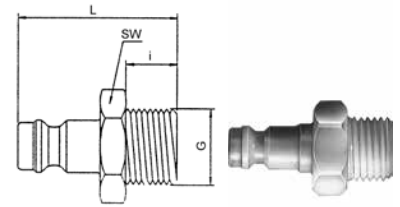
nicht absperrend

Innesto maschio con filetto esterno

senza blocco

Nipple with male thread

no shut-off



COT 213 (P)

Type -G	Mat.-Nr.	bar	SW	L	i	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)			G=BSP thread (parallel)		
COT 213-G $\frac{1}{8}$ P	302.6030.020	8	14	25.0	7.0	0.220
COT 213-G $\frac{1}{4}$ P	302.6030.040	8	17	28.0	9.0	0.340

Stecker mit Aussengewinde

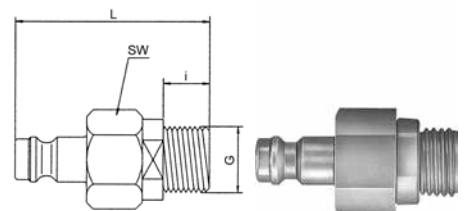
absperrend

Innesto maschio con filetto esterno

con blocco

Nipple with male thread

shut-off



CO TA 213 (P)

Type -G	Mat.-Nr.	bar	SW	L	i	kg/100
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)			G=BSP thread (parallel)		
CO TA 213-G $\frac{1}{8}$ P	302.6130.020	8	17	36.0	7.0	0.750
CO TA 213-G $\frac{1}{4}$ P	302.6130.040	8	17	38.0	7.0	0.790

Stecker mit Rohranschluss

nicht absperrend

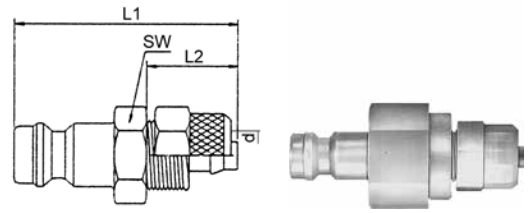
Innesto maschio con raccordo al tubo

senza blocco

Nipple with tube connection

no shut-off

COT 214 (P)



Type-d	Mat.-Nr.	bar	SW	L1	L2	kg/100
COT 214-6 P	302.6040.060	8	14	32.0	13.0	0.340
COT 214-8 P	302.6040.080	8	14	32.0	13.0	0.420

Materialien

- Kuppler und Stecker: POM
- Dichtungen: NBR
- Clip: Edelstahl 1.4401

Nennweite (NW)

K-CP..2... = 3.2 mm
K-CP..4... = 6.4 mm

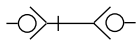
Betriebstemperatur

-40°C bis +80°C

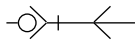
Betriebsdruck

8 bar bei +23°C

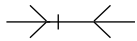
Kupplungsfunktionen



beidseitig absperrend
Kuppler absperrend KV-CP...
Stecker absperrend KSV-CP...



einseitig absperrend
Kuppler absperrend KV-CP...
Stecker nicht absperrend KS-CP...



nicht absperrend
Kuppler nicht absperrend K-CP...
Stecker nicht absperrend KS-CP...

Eigenschaften

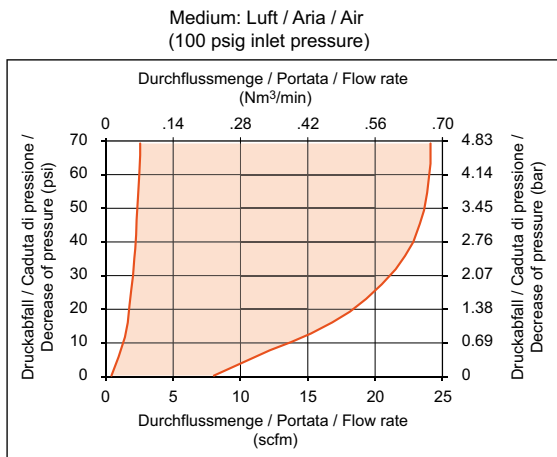
- Einhandbedienung
- hoher Durchfluss
- kleine Baugrößen
- hohe chemische Beständigkeit

Merkmale

- Einsatz: Instrumentenausrüstungen, Kühlrohrleitungen
- Medien: Luft, Säuren

Durchflussleistung K-CP..2-...

(Bsp. K-CPB2-1/8 K)



Materiali

- Innesto femmina e maschio: POM
- Guarnizioni: NBR
- Clip: acciaio inossidabile 1.4401

Larghezza nominale (NW)

K-CP..2... = 3.2 mm
K-CP..4... = 6.4 mm

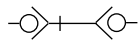
Gamma di temperatura

-40°C a +80°C

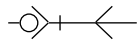
Pressione di esercizio

8 bar a +23°C

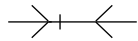
Funzioni



arresto su due lati
innesto femmina con blocco KV-CP...
innesto maschio con blocco KSV-CP...



arresto su un lato
innesto femmina con blocco KV-CP...
innesto maschio senza blocco KS-CP...



no arresto
innesto femmina senza blocco K-CP...
innesto maschio senza blocco KS-CP...

Proprietà

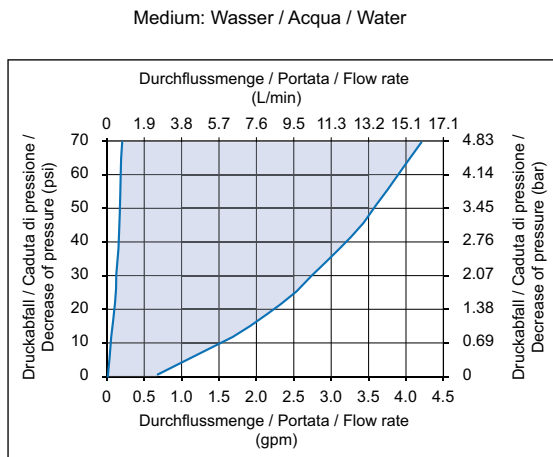
- per uso con una sola mano
- portata elevata
- dimensioni ridotte
- alta resistenza chimica

Caratteristica

- Applicazione: strumentazioni, condutture di raffreddamento
- Sostanze: aria, acidi

Portata K-CP..2-...

(p.e. K-CPB2-1/8 K)



Materials

- Coupler and nipple: POM
- Seals: NBR
- Clip: stainless steel 1.4401

Nominal bore (NW)

K-CP..2... = 3.2 mm
K-CP..4... = 6.4 mm

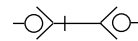
Temperature range

-40°C up to +80°C

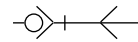
Working pressure

8 bar at +23°C

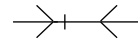
Coupling functions



double-sided shut-off
coupler shut-off KV-CP...
nipple shut-off KSV-CP...



one-sided shut-off
coupler shut-off KV-CP...
nipple no shut-off KS-CP...



no shut-off
coupler no shut-off K-CP...
nipple no shut-off KS-CP...

Properties

- one-handed operation
- high flow rate
- compact dimensions
- high chemical resistance

Characteristics

- Uses: instrumentation, cooling tubes
- Media: air, acids

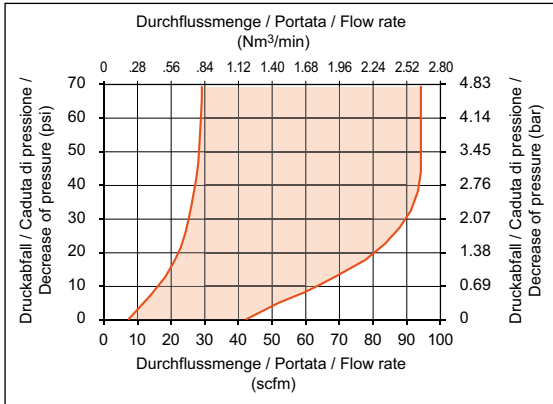
Flow capacity K-CP..2-...

(for ex. K-CPB2-1/8 K)

Durchflussleistung K-CP..4...

(Bsp. K-CPB4-1/4 K)

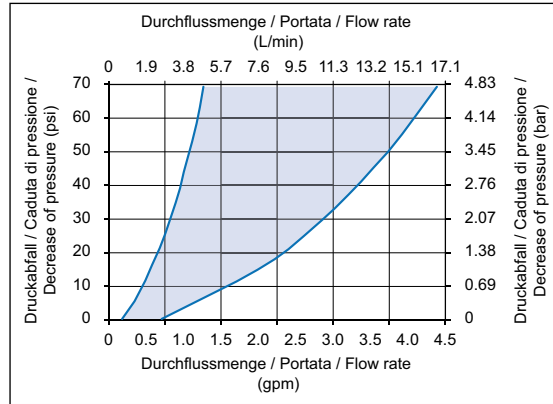
Medium: Luft / Air / Air
(100 psig inlet pressure)



Portata K-CP..4...

(Bsp. K-CPB4-1/4 K)

Medium: Wasser / Acqua / Water



Flow capacity K-CP..4...

(Bsp. K-CPB4-1/4 K)



Kuppler mit Aussengewinde

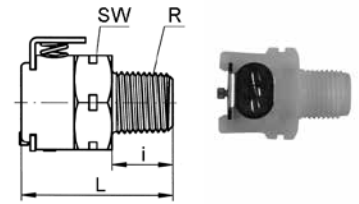
nicht absperrend

Innesto femmina con filetto esterno

senza blocco

Coupler with male thread

no shut-off



K-CPB

Type -R	Mat.-Nr.	bar	NW	SW	L	i	kg/100
R=Rohrgewinde (kegelig)	R=Filettatura BSP (conica)						
K-CPB2-1/8	YBD.CPB2.113020	8	3.2	15	25.4	10.2	0.490
K-CPB4-1/4	YBD.CPB4.113040	8	6.4	18	29.4	12.7	0.680

Kuppler mit Aussengewinde

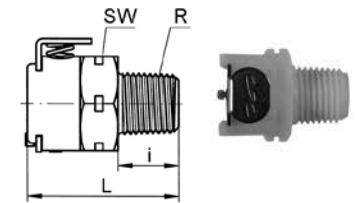
absperrend

Innesto femmina con filetto esterno

con blocco

Coupler with male thread

shut-off



KV-CPB

Type -R	Mat.-Nr.	bar	NW	SW	L	i	kg/100
R=Rohrgewinde (kegelig)	R=Filettatura BSP (conica)						
KV-CPB2-1/8	YBD.CPB2.123020	8	3.2	15	25.4	10.2	0.550
KV-CPB4-1/4	YBD.CPB4.123040	8	6.4	15	29.4	12.7	0.740
KV-CPB4-3/8	YBD.CPB4.123060	8	6.4	18	29.4	12.7	0.760

Kuppler mit Schlauchtülle

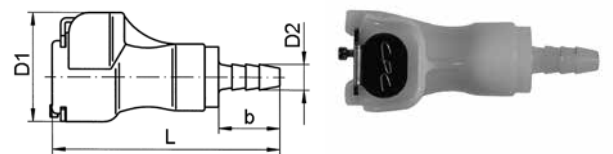
nicht absperrend

Innesto femmina con portagomma

senza blocco

Coupler with hose nozzle

no shut-off



K-CPC

Type -LW	Mat.-Nr.	bar	NW	L	D1	D2	b	kg/100
K-CPC2-LW 4	YBD.CPC2.117040	8	3.2	42.0	20.0	5.0	11.4	0.550
K-CPC2-LW 5	YBD.CPC2.117050	8	3.2	47.2	20.0	6.0	16.5	0.560
K-CPC2-LW 6,5	YBD.CPC2.117060	8	3.2	47.2	20.0	7.5	16.5	0.580
K-CPC4-LW 6,5	YBD.CPC4.117060	8	6.4	49.5	23.4	7.5	16.5	0.620
K-CPC4-LW 8	YBD.CPC4.117080	8	6.4	49.5	23.4	9.0	16.5	0.720
K-CPC4-LW 9,5	YBD.CPC4.117090	8	6.4	49.5	23.4	10.5	16.5	0.760

Kuppler mit Schlauchtülle

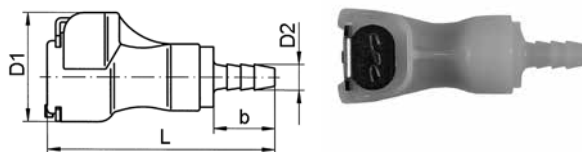
absperrend

Innesto femmina con portagomma

con blocco

Coupler with hose nozzle

shut-off



KV-CPC

Type -LW	Mat.-Nr.	bar	NW	L	D1	D2	b	kg/100
KV-CPC2-LW 4	YBD.CPC2.127040	8	3.2	42.0	20.0	5.0	11.4	0.740
KV-CPC2-LW 5	YBD.CPC2.127050	8	3.2	47.2	20.0	6.0	16.5	0.760
KV-CPC2-LW 6,5	YBD.CPC2.127060	8	3.2	47.2	20.0	7.5	16.5	0.650
KV-CPC4-LW 6,5	YBD.CPC4.127060	8	6.4	49.5	23.4	7.5	16.5	0.920
KV-CPC4-LW 8	YBD.CPC4.127080	8	6.4	49.5	23.4	9.0	16.5	0.850
KV-CPC4-LW 9,5	YBD.CPC4.127090	8	6.4	49.5	23.4	10.5	16.5	0.940

Kuppler in Schottausführung mit Schlauchtülle

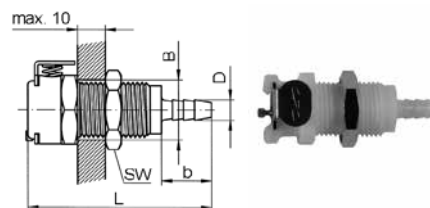
nicht absperrend

Innesto femmina a passa paratia con portagomma

senza blocco

Panel mount coupler with hose nozzle

no shut-off



K-CPH

Type -LW	Mat.-Nr.	bar	NW	SW	L	D	B	b	kg/100
K-CPH2-LW 4	YBD.CPH2.118040	8	3.2	15	41.9	5.0	13.0	11.4	0.750
K-CPH2-LW 5	YBD.CPH2.118050	8	3.2	15	47.0	6.0	13.0	16.5	0.830
K-CPH2-LW 6,5	YBD.CPH2.118060	8	3.2	15	47.0	7.5	13.0	16.5	0.860
K-CPH4-LW 6,5	YBD.CPH4.118060	8	6.4	20	49.5	7.5	17.5	16.5	1.320
K-CPH4-LW 8	YBD.CPH4.118080	8	6.4	20	49.5	9.0	17.5	16.5	1.360
K-CPH4-LW 9,5	YBD.CPH4.118090	8	6.4	20	49.5	10.5	17.5	16.5	1.380

Kuppler in Schottausführung mit Schlauchtülle

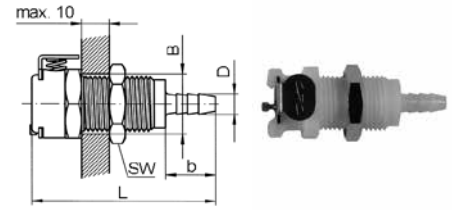
absperrend

Innesto femmina a passa paratia con portagomma

con blocco

Panel mount coupler with hose nozzle

shut-off



KV-CPH

Type -LW	Mat.-Nr.	bar	NW	SW	L	D	B	b	kg/100
KV-CPH2-LW 4	YBD.CPH2.128040	8	3.2	15	41.9	5.0	13.0	11.4	0.820
KV-CPH2-LW 5	YBD.CPH2.128050	8	3.2	15	47.0	6.0	13.0	16.5	0.860
KV-CPH2-LW 6,5	YBD.CPH2.128060	8	3.2	15	47.0	7.5	13.0	16.5	0.890
KV-CPH4-LW 6,5	YBD.CPH4.128060	8	6.4	20	49.5	7.5	17.0	16.5	1.380
KV-CPH4-LW 8	YBD.CPH4.128080	8	6.4	20	49.5	9.0	17.0	16.5	1.420
KV-CPH4-LW 9,5	YBD.CPH4.128090	8	6.4	20	49.5	10.5	17.0	16.5	1.440

Stecker mit Aussengewinde

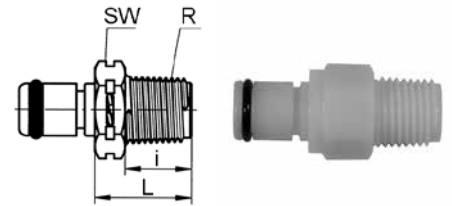
nicht absperrend

Innesto maschio con filetto esterno

senza blocco

Nipple with male thread

no shut-off



KS-CPB

Type -R	Mat.-Nr.	bar	NW	SW	L	i	kg/100
R=Rohrgewinde (kegelig)	R=Filettatura BSP (conica)						
							R=BSP thread (tapered)
KS-CPB2-1/8	YBD.CPB2.133020	8	3.2	12	14.7	10.2	0.180
KS-CPB4-1/4	YBD.CPB4.133040	8	6.4	15	17.6	12.7	0.340
KS-CPB4-3/8	YBD.CPB4.133060	8	6.4	18	17.8	12.7	0.600

Stecker mit Aussengewinde

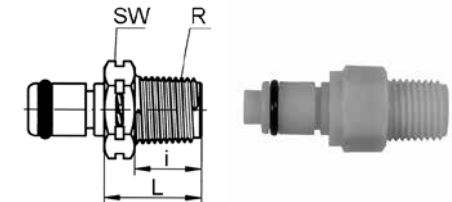
absperrend

Innesto maschio con filetto esterno

con blocco

Nipple with male thread

shut-off



KSV-CPB

Type -R	Mat.-Nr.	bar	NW	SW	L	i	kg/100
R=Rohrgewinde (kegelig)	R=Filettatura BSP (conica)						
							R=BSP thread (tapered)
KSV-CPB2-1/8	YBD.CPB2.143020	8	3.2	12	22.4	10.2	0.330
KSV-CPB4-1/4	YBD.CPB4.143040	8	6.4	15	25.0	12.7	0.420
KSV-CPB4-3/8	YBD.CPB4.143060	8	6.4	18	19.0	12.7	0.680

Stecker mit Schlauchtülle

nicht absperrend

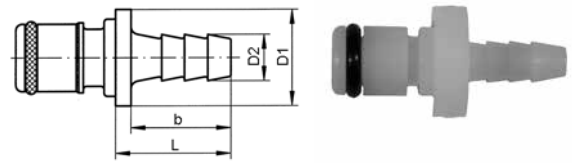
Innesto maschio con portagomma

senza blocco

Nipple with hose nozzle

no shut-off

KS-CPC



Type -LW	Mat.-Nr.	bar	NW	L	D1	D2	b	kg/100
KS-CPC2-LW 4	YBD.CPC2.137040	8	3.2	15.2	12.7	5.0	11.4	0.130
KS-CPC2-LW 5	YBD.CPC2.137050	8	3.2	20.3	12.7	6.0	16.5	0.160
KS-CPC2-LW 6,5	YBD.CPC2.137060	8	3.2	20.3	12.7	7.5	16.5	0.150
KS-CPC4-LW 6,5	YBD.CPC4.137060	8	6.4	20.3	15.9	7.5	16.5	0.150
KS-CPC4-LW 8	YBD.CPC4.137080	8	6.4	20.3	15.9	9.0	16.5	0.250
KS-CPC4-LW 9,5	YBD.CPC4.137090	8	6.4	20.3	15.9	10.0	16.5	0.300

Stecker mit Schlauchtülle

absperrend

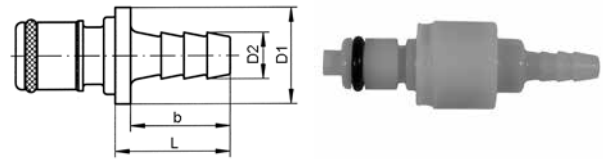
Innesto maschio con portagomma

con blocco

Nipple with hose nozzle

shut-off

KSV-CPC



Type -LW	Mat.-Nr.	bar	NW	L	D1	D2	b	kg/100
KSV-CPC2-LW 4	YBD.CPC2.147040	8	3.2	27.8	12.7	5.0	11.4	0.300
KSV-CPC2-LW 5	YBD.CPC2.147050	8	3.2	33.3	12.7	6.0	16.5	0.150
KSV-CPC2-LW 6,5	YBD.CPC2.147060	8	3.2	28.7	12.7	7.5	16.5	0.320
KSV-CPC4-LW 6,5	YBD.CPC4.147060	8	6.4	33.2	15.9	7.5	16.5	0.540
KSV-CPC4-LW 8	YBD.CPC4.147080	8	6.4	33.2	15.9	9.0	16.5	0.530
KSV-CPC4-LW 9,5	YBD.CPC4.147090	8	6.4	34.0	15.9	10.5	16.5	0.510

Stecker mit Schlauchtülle 90°

nicht absperrend

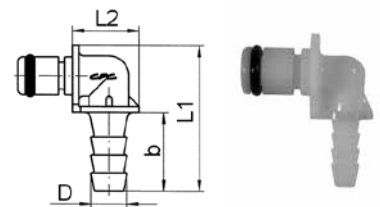
Innesto maschio con portagomma 90°

senza blocco

Nipple with hose nozzle 90°

no shut-off

KS-CPQ



Type -LW	Mat.-Nr.	bar	NW	L1	L2	D	b	kg/100
KS-CPQ2-LW 4	YBD.CPQ2.137040	8	3.2	25.1	10.2	5.0	11.4	0.130
KS-CPQ2-LW 6,5	YBD.CPQ2.137060	8	3.2	30.3	14.0	7.5	16.5	0.210
KS-CPQ4-LW 6,5	YBD.CPQ4.137060	8	6.4	33.5	13.8	7.5	16.5	0.250
KS-CPQ4-LW 9,5	YBD.CPQ4.137090	8	6.4	32.5	18.2	10.5	16.5	0.340

Stecker mit Schlauchtülle 90°

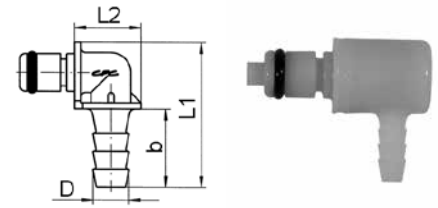
absperrend

Innesto maschio con portagomma 90°

con blocco

Nipple with hose nozzle 90°

shut-off



KSV-CPQ

Type -LW	Mat.-Nr.	bar	NW	L1	L2	D	b	kg/100
KSV-CPQ2-LW 4	YBD.CPQ2.148040	8	3.2	24.0	16.1	5.0	11.4	0.300
KSV-CPQ2-LW 6,5	YBD.CPQ2.148060	8	3.2	29.2	15.9	7.5	16.5	0.330
KSV-CPQ4-LW 6,5	YBD.CPQ4.148060	8	6.4	32.3	17.0	7.5	16.5	0.500
KSV-CPQ4-LW 9,5	YBD.CPQ4.148090	8	6.4	32.5	18.2	10.5	16.5	0.730