

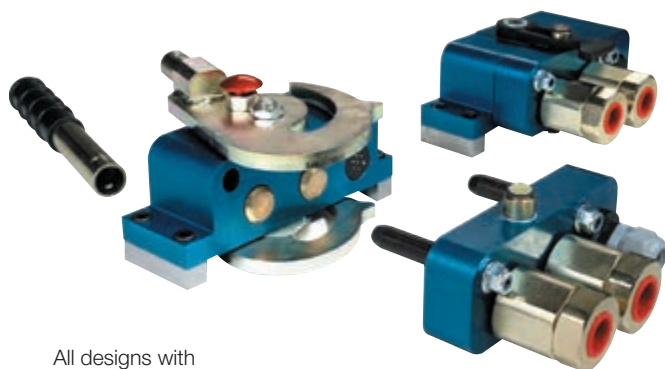


Body Size

3/8" up to 1/2"

Multi-Line

C-Line Compact

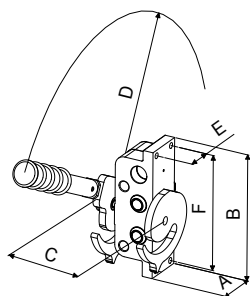


All designs with female thread.



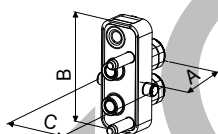
Coupling Plate / Combinations

3/8" and 1/2"	
A	60 mm
B	189 mm
C	108 mm
D	278 mm
E	40 mm
F	173 mm



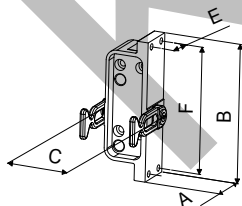
Plug Plate / Combinations

	3/8"	1/2"
A	72 mm	84 mm
B	150 mm	150 mm
C	88 mm	88 mm



Support Plate

3/8" and 1/2"	
A	52 mm
B	189 mm
C	86 mm
E	30 mm
F	173 mm



Technical Description

Multiple connector system with locking lever and safety locking. Original Tema plug-profile with spill-proof flat face design. Coupling body/plug fitted with high-flow valve system. Adjustable angle on the lever 0 - 180° in steps of 30°.

Pressure Eliminator

All plugs are fitted with pressure eliminators to eliminate residual pressures up to maximum working pressure on the plug side (maximum 50 bar on the coupling side).

7-pole Electrical Connection

- Male part (coupling plate)
- Cable: 7 x 1,5 RDOE 5m
- Female part (plug plate)
- Cable: 7 x 1,5 RDOE 3m
- Not IP classified
- Contact block: NBR
- Connector: (pins and casing) bronze, silver plated
- Electric connection box: Thermoplastic (POM)
- Pull relief (cable): PA/NBR
- Max. voltage: 24 V
- Max. current: 16 A*

* For return-current through cable, the total permitted current through the connector is maximum 16 A.

Working Temperature

-30°C up to +100°C (NBR/PUR)

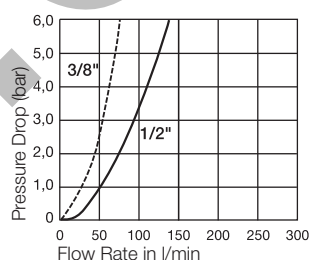
Working Pressure

Max. pressure range:
350 bar (design factor 4:1)

Attention:

To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



Hydraulic Flow:

3/8" - 54 l/min (3 bar press. drop)
1/2" - 97 l/min (3 bar press. drop)

Nominal Diameter in mm:









3/8" - 10
1/2" - 12,5

Material

Coupling-/Plug Plates	Aluminium, anodised-blue
Support Plate	Aluminium, anodised-blue
Protective Cap	Aluminium, anodised-blue, NBR-seal
Couplings and Plugs	Steel, zinc-plated, passivated (Cr3+), movable sleeves made of stainless steel AISI 304
Seals	NBR/PUR; replaceable profile ring on plug side
Locking Mechanism	Steel, zinc-plated, passivated (Cr3+)
Locking Button	Aluminium, anodised-red
Blank Plug	Thermoplastics (POM)

Coupling Plate with Protective Cap (3/8")









C-Line Compact

  	  	Coupling 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
		2	7-pole		right	right	6000	TMFC33YBBR*
		2		1	right	right	4800	TMFC33WBRR*
		2	7-pole		left	left	6000	TMFC33YB**
		2		1	left	left	4800	TMFC33WB**
The protective cap is included.								
The coupling plate is supplied complete with assembly kit TM-210K.								

Locking Lever, detachable
Locking Button right side

Plug Plate with Support Plate (3/8")









C-Line Compact

  	  	Plug 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
		2	7-pole				3600	TMMC33Y
		2		1			2800	TMMC33W
The support plate is included.								
The support plate is supplied complete with assembly kit TM-214K.								

PE

Coupling Plate with Protective Cap (1/2")









C-Line Compact

  	  	Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
		2	7-pole		right	right	6100	TMFC55YBBR*
		2		1	right	right	4800	TMFC55WBRR*
		2	7-pole		left	left	6100	TMFC55YB**
		2		1	left	left	4800	TMFC55WB**
The protective cap is included.								
The coupling plate is supplied complete with assembly kit TM-210K.								

Locking Lever, detachable
Locking Button left Side

Plug Plate with Support Plate (1/2")

C-Line Compact

  	  	Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
		2	7-pole				4100	TMMC55Y
		2		1			3300	TMMC55W
The support plate is included.								
The support plate is supplied complete with assembly kit TM-214K.								

PE

* Designed to be used on the right hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the right loading arm. (As seen from the drivers seat).

** Designed to be used on the left hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the left loading arm. (As seen from the drivers seat).



Body Size

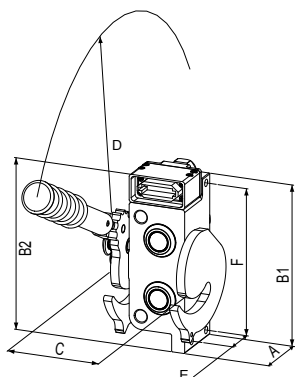
1/2" up to 3/4"

Multi-Line

C-Line Compact



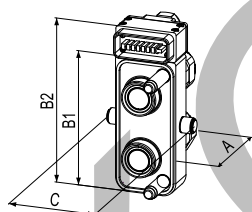
All designs with female thread.



Coupling Plate / Combinations

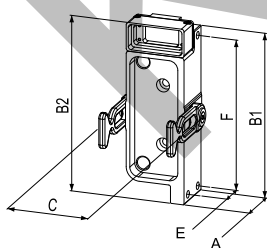
1/2" and 3/4"	
A	70 mm
B1	189 mm
B2	202 mm ¹⁾
C	115 mm
D	27 mm
E	40 mm
F	173 mm

Plug Plate / Combinations



1/2" and 3/4"	
A	97 mm
B1	148 mm
B2	181 mm ¹⁾
C	96 mm

Support Plate



1/2" and 3/4"	
A	52 mm
B1	189 mm
B2	202 mm ¹⁾
C	93 mm
E	30 mm
F	173 mm

¹⁾ with electrical plug

Technical Description

Multiple connector system with locking lever and safety locking. Original Tema plug-profile with spill-proof flat face design. Coupling body/plug fitted with high-flow valve system.

Adjustable angle on the lever 0-180° in steps of 30°.

Pressure Eliminator

All plugs are fitted with pressure eliminators to eliminate residual pressures up to maximum working pressure on the plug side (maximum 50 bar on the coupling side).

14-pole Electrical Connection

- Delivery without cables
- Protection category IP 67 (coupled)
- Screwed conductor connector: 0,5 – 1,5 mm²
- Pins and sleeves: copper coated
- Elect. junction box: Aluminium
- Traction relief: PA/NBR 9 – 16 mm
- Max. voltage: 48 V
- Max. current: 10 A per core

Working Temperature

-30°C up to +100°C (NBR/PUR)

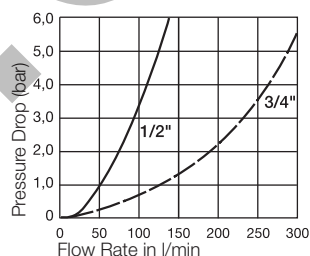
Working Pressure

Max. pressure range:
350 bar (design factor 4:1)

Attention:

To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



Hydraulic Flow:

1/2" – 97 l/min (3 bar press. drop)
3/4" – 240 l/min (3 bar press. drop)

Nominal Diameter in mm:

1/2" – 12,5
3/4" – 19

Material

Coupling-/Plug plates	Aluminium, anodised-blue
Support Plate	Aluminium, anodised-blue
Protective Cap	Aluminium, anodised-blue, NBR-seal
Couplings and Plugs	Steel, zinc-plated, passivated (Cr3+), movable sleeves made of stainless steel AISI 304
Seals	NBR/PUR; replaceable profile ring on plug side
Locking Mechanism	Steel, zinc-plated, passivated (Cr3+)
Locking Button	Aluminium, anodised-red
Blank Plug	Thermoplastics (POM)

Coupling Plate with Protective Cap (1/2")

C-Line Compact



Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2			left	left	5100	TMFC55B**
2	14-pole		left	left	5400	TMFC55QB**
2			right	right	5100	TMFC55BBR*
2	14-pole		right	right	5400	TMFC55QBBR*



Locking Lever, detachable
Locking Button right Side

The protective cap is included.

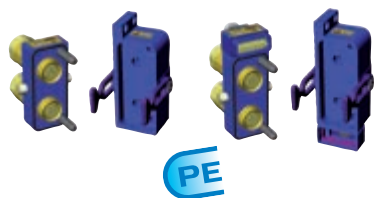
The coupling plate is supplied complete with assembly kit TM-210K.

Plug Plate with Support Plate (1/2")

C-Line Compact



Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2					3600	TMMC55
2	14-pole				3900	TMMC55Q



The support plate is included.

The support plate is supplied complete with assembly kit TM-214K.

Coupling Plate with Protective Cap (3/4")

C-Line Compact



Coupling 3/4"	Electrical Connection (1 pc.)	Blank Plug 3/4"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2			left	left	5100	TMFC77B**
2	14-pole		left	left	5400	TMFC77QB**
2			right	right	5100	TMFC77BBR*
2	14-pole		right	right	5400	TMFC77QBBR*



Locking Lever, detachable
Locking Button right Side

The protective cap is included.

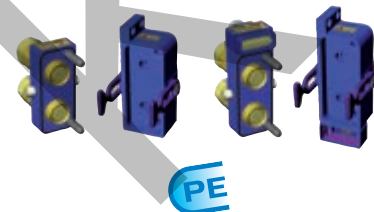
The coupling plate is supplied complete with assembly kit TM-210K.

Plug Plate with Support Plate (3/4")

C-Line Compact



Plug 3/4"	Electrical Connection (1 pc.)	Blank Plug 3/4"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2					3600	TMMC77
2	14-pole				3900	TMMC77Q



The support plate is included.

The support plate is supplied complete with assembly kit TM-214K.

* Designed to be used on the right hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the right loading arm. (As seen from the drivers seat).

** Designed to be used on the left hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the left loading arm. (As seen from the drivers seat).