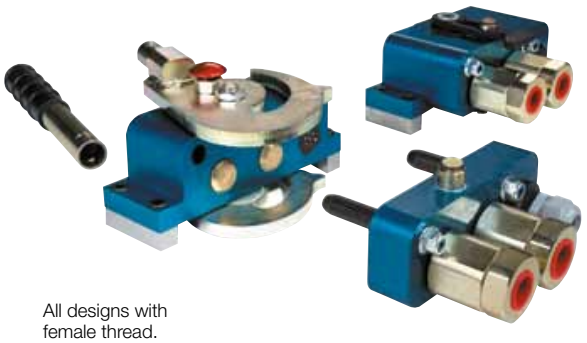
Body Size

3/8" up to 1/2" C-Line Compact

Multi-Line



All designs with female thread.

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.

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*

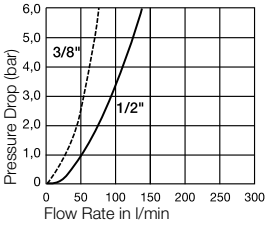
* For return-current through cable, the total permitted current through the connector is maximum 16 A.

Working Temperature
-30°C up to +100°C (NBR/PUR)

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

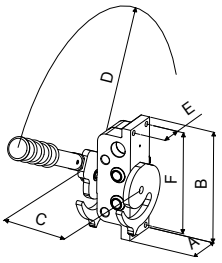
Attention:
To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

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



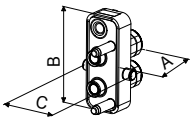
Hydraulic Flow:
3/8" – 54 l/min (3 bar press. drop)
1/2" – 97 l/min (3 bar press. drop)

Nominal Diameter in mm:
3/8" – 10
1/2" – 12,5



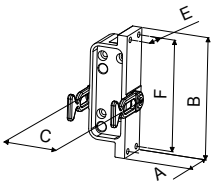
Coupling Plate / Combinations

	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



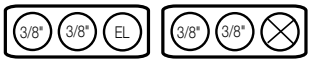
Support Plate

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

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 Machanism	Steel, zinc-plated, passivated (Cr3+)
Locking Button	Aluminium, anodised-red
Blank Plug	Thermoplastics (POM)

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

Coupling Plate with Protective Cap (3/8") — C-Line Compact

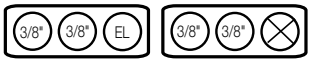


Coupling 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2	7-pole		right	right	6000	TMFC33YBBR*
2		1	right	right	4800	TMFC33WBBR*
2	7-pole		left	left	6000	TMFC33YB**
2		1	left	left	4800	TMFC33WB**
The protective cap is included.						
The coupling plate is supplied complete with assembly kit TM-210K.						

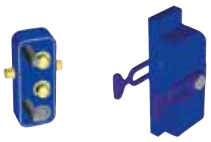


Locking Lever, detachable
Locking Button right side

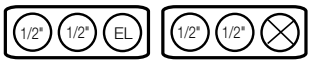
Plug Plate with Support Plate (3/8") — C-Line Compact



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.						



Coupling Plate with Protective Cap (1/2") — C-Line Compact

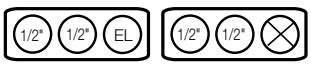


Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2	7-pole		right	right	6100	TMFC55YBBR*
2		1	right	right	4800	TMFC55WBBR*
2	7-pole		left	left	6100	TMFC55YB**
2		1	left	left	4800	TMFC55WB**
The protective cap is included.						
The coupling plate is supplied complete with assembly kit TM-210K.						

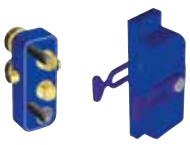


Locking Lever, detachable
Locking Button left Side

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.						



* 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).

⚠ Please consider our security advices on the pages 12/13 ⚠

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark