hymatik

Body Size

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





	3/8" and 1/2"						
А	60 mm						
В	189 mm						

Coupling Plate/Combinations

С 108 mm D 278 mm 40 mm Е F 173 mm

Plug Plate/Combinations 3/8"

А В

С

72 mm

150 mm

88 mm



A A A	



	Support Plate					
		3/8" and 1/2"				
	А	52 mm				
	В	189 mm				
	С	86 mm				
	Е	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.

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

F

1/2"

84 mm

150 mm

88 mm

- · 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)

Multi-Line

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" - 541/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 Machanism	Steel, zinc-plated, passivated (Cr3+)				
Locking Button	Aluminium, anodised-red				
Blank Plug	Thermonlastics (POM)				

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Coupling Plate with Protective Cap (3/8")



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

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

Plug Plate with Support Plate (3/8")

Pl

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ng 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")



Plug Plate with Support Plate (1/2")

$(1/2^{2})(1/2^{2})$ EL $(1/2^{2})(1/2^{2})$	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).

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

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