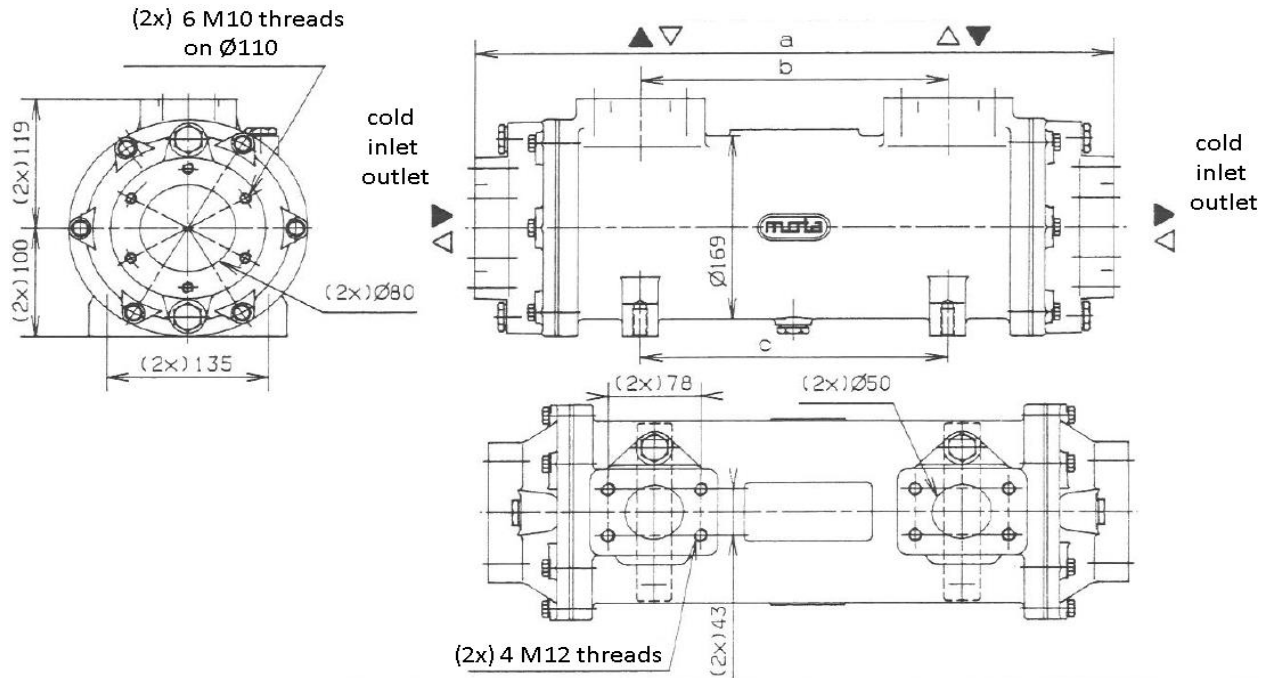


**TECHNICAL
DATA**

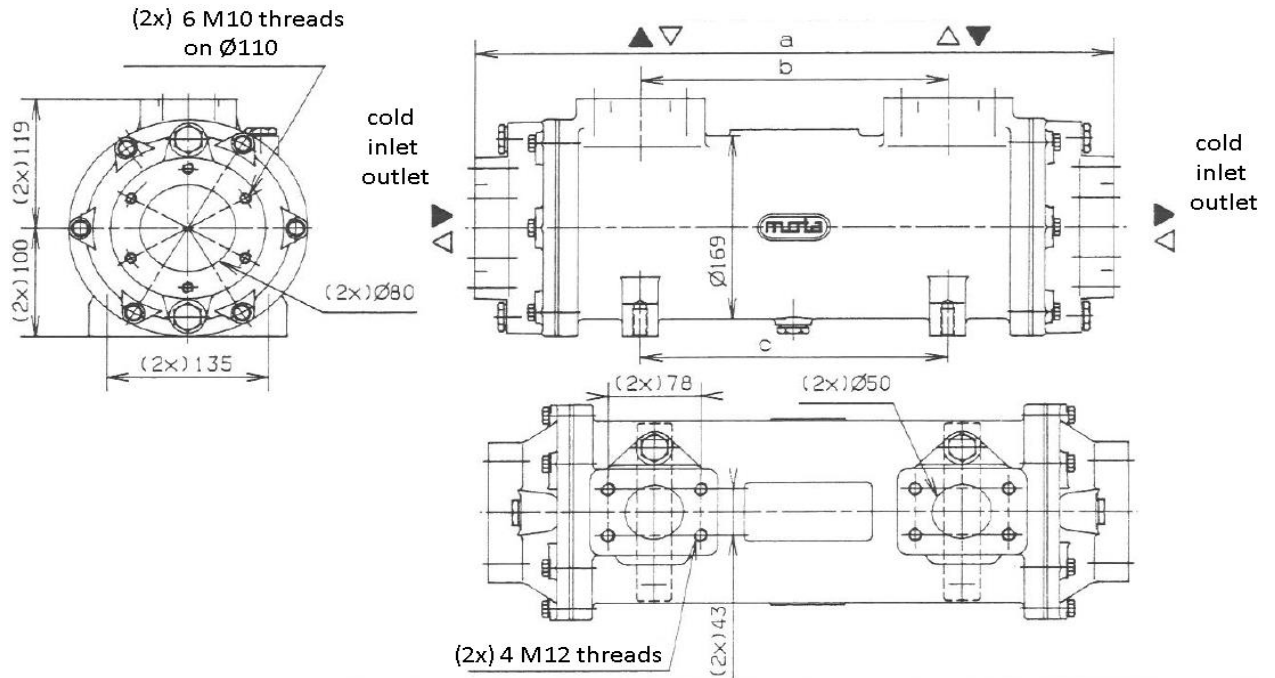
**MULTITUBULAR HEAT EXCHANGER
Oil / Water
C158**



Data	Cooling of oil / water by untreated water or sea water					
Dimensions [mm]	Core length [mm]					
		414	727			
	a	534	847			
	b	258	571			
c	258	571				
Area [m²]	A	2,74	4,80			
Volume [L]	Outside tubes	3,12	5,54			
	Inside tubes	4,74	7,33			
Weight [kg]	Total	28,30	41,80			
	Tubestack only	17,80	27,80			
Working characteristics	Maximum working pressure [bar]		Outside tubes	16	Maximum water flow rate Qw = 1240 L/min	
			Inside tubes	10		
	Maximum working temperature [°C]		Outside tubes	120		
			Inside tubes	90		
Designation	Tube	Tube plate	Baffle	Shell	Cover	O-ring
Materials	see options	CuZn39Pb2	CuZn36	anod. Al	see options	Viton
Model	<div style="display: flex; justify-content: center; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">C</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px;">8</div> <div style="font-size: 20px;">-</div> <div style="border: 1px solid black; padding: 2px 5px;">7</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">7</div> <div style="font-size: 20px;">-</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="font-size: 20px;">/</div> <div style="border: 1px solid black; padding: 2px 5px;">CN</div> <div style="border: 1px solid black; padding: 2px 5px;">BR</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;"> <p>Type</p> <p>Core diameter</p> <p>Core length</p> <p>Number of passes on cold side</p> </div> <div style="width: 30%; text-align: center;"> <p>Geometry</p> </div> <div style="width: 30%;"> <p>Tubes material</p> <ul style="list-style-type: none"> - Copper CN Copper-Nickel <p>Covers material</p> <ul style="list-style-type: none"> - Aluminium BR Bronze </div> <div style="width: 10%; text-align: center;"> <p>Options</p> </div> </div>					

**TECHNICAL
DATA**

**MULTITUBULAR HEAT EXCHANGER
Oil / Water
C158 / High Performance**



Data	Cooling of oil / water by untreated water or sea water					
Dimensions [mm]	Core length [mm]					
		414	727			
	a	534	847			
	b	258	571			
	c	258	571			
Area [m²]	A	2,96	5,20			
Volume [L]	Outside tubes	3,36	6,00			
	Inside tubes	4,40	6,60			
Weight [kg]	Total	27,20	39,80			
	Tubestack only	16,70	25,80			
Working characteristics	Maximum working pressure [bar]		Outside tubes	16	Maximum water flow rate Qw = 1200 L/min	
			Inside tubes	10		
	Maximum working temperature [°C]		Outside tubes	120		
			Inside tubes	90		
Designation	Tube	Tube plate	Baffle	Shell	Cover	O-ring
Materials	see options	CuZn39Pb2	CuZn36	anod. Al	see options	Viton
Model	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">C</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px;">8</div> <div style="font-size: 20px;">-</div> <div style="border: 1px solid black; padding: 2px 5px;">7</div> <div style="border: 1px solid black; padding: 2px 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px;">7</div> <div style="font-size: 20px;">-</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="font-size: 20px;">/</div> <div style="border: 1px solid black; padding: 2px 5px;">CN</div> <div style="font-size: 20px;">-</div> <div style="border: 1px solid black; padding: 2px 5px;">BR</div> <div style="font-size: 20px;">-</div> <div style="border: 1px solid black; padding: 2px 5px;">HP</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;"> <p>Type</p> <p>Core diameter</p> <p>Core length</p> <p>Number of passes on cold side</p> </div> <div style="width: 30%;"> <p>Geometry</p> </div> <div style="width: 30%;"> <p>Tubes material</p> <ul style="list-style-type: none"> - Copper CN Copper-Nickel <p>Covers material</p> <ul style="list-style-type: none"> - Aluminium BR Bronze <p>Performance</p> <ul style="list-style-type: none"> - Standard HP High performance </div> <div style="width: 10%; text-align: right;"> <p>Options</p> </div> </div>					