

Single Phase - 0

New

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 Design  Performance  Rating

Fluid Side 1 Water

Fluid Side 2 Ethylene Glycol - Wat 10%

CoCurrent 

Exchangers B-Types

Side 1

Side 2

Heat load 50,00 kW

Inlet temperature 80,00 °C 30,00 °C

Outlet temperature 40,00 °C 60,00 °C

Flow kg/s kg/s

Max pressure drop 50,0 kPa 50,0 kPa

Number of passes

Number of plates

Oversurfacing %

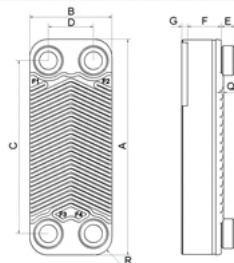
Fouling factor m<sup>2</sup>·°C/kWAllow port switch AutoPerformance 

Calculate

BPHE	A (m <sup>2</sup> )	DP1 (kPa)	DP2 (kPa)	OS (%)	Weight	PF Rating
BX8Tx40	0,874	3,9	6,9	0	3,39	<div style="width: 100%;"></div>
B15x18	0,544	27,6	41,7	0	3,18 - 4,15	<div style="width: 80%;"></div>
B25Tx12	0,63	33,5	44,6	0	4,28 - 50,2	<div style="width: 60%;"></div>
B10Tx21/2P	0,589	25,5	48,3	0	3,40	<div style="width: 90%;"></div>

## Heatexchanger : BX8Tx40

## DIMENSIONAL DATA



	Unit	Value	Tolerance
A	mm	315	+/-2
B	mm	73,0	+/-1
C	mm	278	+/-1
D	mm	40,0	+/-1
E	mm	20,1	+/-1
F	mm	87,1	+0,5%/-1,5%
G	mm	7,00	+/-1
Q	mm	2,00	
R	mm	16,0	

Technical Data

Dimensional Data

Totals