

Model	TD [°C]	V _m [l]	k [W*m ⁻² *K ⁻¹]	AN [-]	m [kg]	A [m ²]	Costs [EUR]		
							C _p	C _i	C _s
CB 110-30M	0.00	2.95	4615.00	Thread	19.40	0.02	2,142	0	9
JAD X 5.38 MF.STA. CS	1.60	6.60	3326.90	Neck/flat flange	41.70	0.04	1,378	557	23

Model	TD [°C]	V _m [l]	k [W*m ⁻² *K ⁻¹]	AN [-]	m [kg]	A [m ²]	C [EUR]
CB 110-30M	0.00	2.23	5.00	5.00	2.33	1.99	5.00
JAD X 5.38 MF.STA. CS	5.00	5.00	3.60	2.00	5.00	5.00	4.55
Criteria	MIN	MIN	MAX	MAX	MIN	MIN	MIN
Weight	0.15	0.10	0.10	0.10	0.10	0.10	0.35
Ideal	0.00	2.23	5.00	5.00	2.33	1.99	4.55
Basal	5.00	5.00	3.60	2.00	5.00	5.00	5.00

C
2,151
1,957

Model	TD [°C]	Vm [l]	k [W*m-2*K-1]	AN [-]	m [kg]	A [m2]	C [EUR]	Utility	Rank
CB 110-30M	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.65	1
JAD X 5.38 MF.STA. CS	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.35	2

Model	TD [°C]	Vm [l]	k [W*m ⁻² *K ⁻¹]	AN [-]	m [kg]	A [m ²]	Costs [EUR]		
							C _p	C _i	C _s
CB110-64M	0.00	6.40	4373.00	Thread	31.50	0.03	3,610	0	18
JAD X 9.88 MF.STA. CS	2.20	16.00	2578.60	Neck/flat flange	98.00	0.09	2,103	557	47

Model	TD [°C]	Vm [l]	k [W*m ⁻² *K ⁻¹]	AN [-]	m [kg]	A [m ²]	C [EUR]
CB110-64M	0.00	2.00	5.00	5.00	1.61	1.88	5.00
JAD X 9.88 MF.STA. CS	5.00	5.00	2.95	2.00	5.00	5.00	3.73
Criteria	MIN	MIN	MAX	MAX	MIN	MIN	MIN
Weight	0.15	0.10	0.10	0.10	0.10	0.10	0.35
Ideal	0.00	2.00	5.00	5.00	1.61	1.88	3.73
Basal	5.00	5.00	2.95	2.00	5.00	5.00	5.00

C
3,628
2,706

Model	TD [°C]	Vm [l]	k [W*m-2*K-1]	AN [-]	m [kg]	A [m2]	C [EUR]	Utility	Rank
CB110-64M	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.65	1
JAD X 9.88 MF.STA. CS	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.35	2

Model	TD [°C]	Vm [l]	k [W*m ⁻² *K ⁻¹]	AN [-]	m [kg]	A [m ²]	Costs [EUR]		
							C _p	C _i	C _s
AlfaNova 76-30H	0.00	3.60	4808.00	Thread	23.80	0.02	3,274	0	10
JAD X 12.114 MF.STA. CS 250	2.20	20.10	686.90	Neck/flat flange	156.00	0.13	5,283	557	68

Model	TD [°C]	Vm [l]	k [W*m ⁻² *K ⁻¹]	AN [-]	m [kg]	A [m ²]	C [EUR]
AlfaNova 76-30H	0.00	0.90	5.00	5.00	0.76	0.70	2.78
JAD X 12.114 MF.STA. CS 250	5.00	5.00	0.71	2.00	5.00	5.00	5.00
Criteria	MIN	MIN	MAX	MAX	MIN	MIN	MIN
Weight	0.15	0.10	0.10	0.10	0.10	0.10	0.35
Ideal	0.00	0.90	5.00	5.00	0.76	0.70	2.78
Basal	5.00	5.00	0.71	2.00	5.00	5.00	5.00

C
3,284
5,908

Model	TD [°C]	Vm [l]	k [W*m-2*K-1]	AN [-]	m [kg]	A [m2]	C [EUR]	Utility	Rank
AlfaNova 76-30H	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1	1
JAD X 12.114 MF.STA. CS 250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2

Model	TD [°C]	Vm [l]	k [W*m ⁻² *K ⁻¹]	AN [-]	m [kg]	A [m ²]	Costs [EUR]		
							C _p	C _i	C _s
AlfaNova 76-50H	0.00	6.05	5402.00	Thread	33.80	0.03	4,551	0	15
JAD X 12.114 MF.STA. CS 500	5.40	20.10	1213.10	Neck/flat flange	156.00	0.13	5,283	557	68

Model	TD [°C]	Vm [l]	k [W*m ⁻² *K ⁻¹]	AN [-]	m [kg]	A [m ²]	C [EUR]
AlfaNova 76-50H	0.00	1.50	5.00	5.00	1.08	1.11	3.86
JAD X 12.114 MF.STA. CS 500	5.00	5.00	1.12	2.00	5.00	5.00	5.00
Criteria	MIN	MIN	MAX	MAX	MIN	MIN	MIN
Weight	0.15	0.10	0.10	0.10	0.10	0.10	0.35
Ideal	0.00	1.50	5.00	5.00	1.08	1.11	3.86
Basal	5.00	5.00	1.12	2.00	5.00	5.00	5.00

Year	Inflation rate	C _i	C _s
2007	2.80	-	-
2008	6.30	-	-
2009	1.00	-	-
2010	1.50	-	-
2011	1.90	-	-
2012	3.30	-	-
2013	1.40	-	-
2014	0.40	-	-
2015	2.33	64.13	59.40
2016		65.62	60.78
2017		67.14	62.19
2018		68.70	63.64
2019		70.30	65.12
2020		71.94	66.63
2021		73.61	68.18
2022		75.32	69.77
Total		556.75	515.72