

PROCESS DATA SHEET

WS-DOC.-NO.: P1452271244-9938-PDS001_RevF

3.3 Heat exchanger

TAG: HX-8010B

Design:

Type:

Quantity:

Heat capacity:

Medium (Shellside)/ Tubeside:

Inlet temperature:

Outlet temperature:

Volume flow:

max. pressure:

Connections:

Shell & tube type, for MDO cooling

S12-AEV-413-L600

1 per unit, Feeder Pump - By Pass Line

18,2 kW

MDO:

+ 55°C

+ 45°C

3,9 m³/h

+ 16 bar

flange DN50

Water:

+ 39,7°C

+ 40,8°C

15,0 m³/h

+ 10 bar

flange DN 65

3.4 Electric pipe heat tracing

Trace heating box JB-8010

Type:

Quantity:

Operating voltage:

Power:

!! External power supply by customer, => not include in GEA WS scope

Hold temperature:

Max. allowable working temperature:

Connection box:

self-regulating heating cable QTV, 40 W/m

15 m per unit, installed on the module


230V / 60 Hz

0,6 kW

+ 50 °C/ => acc. Medium temperature

+ 110°C

Polyester, Ex e IIC T4, IP 66; ATEX

Customer: Wärtsilä Finland Oy	Project-/Order-No.: 271244 / 1452271244	GEA Westfalia Separator 
Location: Bertam Field Development, Block PM307	Project-title: 2151_271244_LUNDIN - „FPSO Ikdam-1“ Booster Feeder Pumps Device List	
Device list		

Position	Description	Part-No.	Manufacturer Type	Object Material Gasket Material	DN PN Typ	Rest Position Feedback	Drive	Remarks	A	B	C
P-8010A	Screw spindle pump	9990-0265-325	Kral KF 55	EN-GJS-400-15 (GGG-40) ---	DN50 DIN 2501 Flange		Three-phase AC motor	1,8 KW	N	M	L
M-8010A	Three-phase AC motor	---	ASA 100LW					Belongs to P-8010A	N	M	L
P-8010B	Screw spindle pump	9990-0265-325	Kral KF 55	EN-GJS-400-15 (GGG-40) ---	DN50 DIN 2501 Flange		Three-phase AC motor	1,8 KW	N	M	L
M-8010B	Three-phase AC motor	---	ASA 100LW					Belongs to P-8010B	N	M	L
F-8010	Duplex Filter	9990-0265-327	Boll & Kirch 2 04,5 Gr.110.210	EN-GJS-400-15 (GGG-40) Viton	DN50 DIN Welded			320 µ	N	M	L
HX-8010A	Finned tube	0018-6959-020	Marburger 1 1/2INX400	St 35.8 ---					N	M	L
HX-8010B	Heat Exchanger	9990-0265-331	HS Cooler KS12-AEV-413-L600	1,4404 ---	DN50/DN 65 DIN/DIN Welded				N	M	L
BV-8011	3-way ball valve, pneumatic	9990-0266-224	END-Armaturen ZD311507	stainless steel PTFE	DN50 PN16 DIN Flange		pneumatic actuator	T2	N	M	L
10-7-002	Ball valve, 2-Way	2020-3093-050	MIT DKA04-090XU	1,4408 ---	DN50 PN63 Welded				N	M	L

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