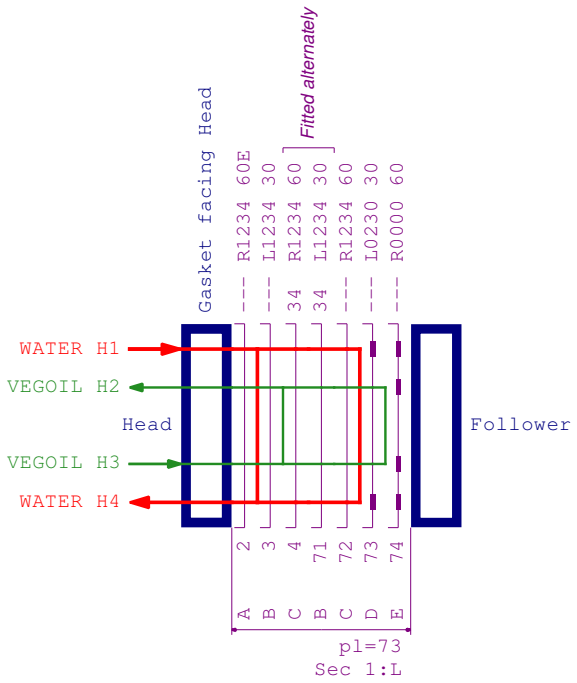

Maximum working pressure	10.0 bar
Maximum differential test pres…	12.0 bar
Maximum balanced test pressure	15.5 bar
Working temperature	Max 95.0 °C, Min 0.0 °C
Design code	PED Marked with CE

PHE duties:

Duty	Liquid	Flowrate kg/h	Pressure Loss bar	Heatrate kW	Temperature range °C
1					
	WATER	95000	0.99	1396	87.0-74.4
	VEGOIL	48000	1.02	1396	10.0-60.0

Fluid volumes in PHE:

1: 34.20	1	WATER
2: 34.20	1	VEGOIL

Component summary

Sec	ID	Qty	Part number	Angle	Plate Decription
1	N35				
1	A	1	17255444	60E	0.5 mm SS AISI 316, Paraclip
1	B	35	17255452	30	0.5 mm SS AISI 316, Paraclip
1	C	35	17255444	60	0.5 mm SS AISI 316, Paraclip
1	D	1	17255452	30	0.5 mm SS AISI 316, Paraclip
1	E	1	17255444	60	0.5 mm SS AISI 316, Paraclip

Sec	Qty	Part number	Hand	Gasket Decription
1	N35			
1	4	17251988	RHXX	NBR per. (FDA), Port Ring
1	2	17251848	ECNX	NBR per. (FDA), Glued multi-piec
1	72	17251864	FCNX	NBR per. (FDA), Paraclip

General details

Plate pack dimension	Max 238 mm, Min 227 mm
Approximate net weight	423 kg
Total media volume App.	68.4 l

Design conditions

Pressure, bar	Design	Vacuum	Test
Sec 1, WATER (1-4)	10.0	0.0	12.0
Sec 1, VEGOIL (3-2)	10.0	0.0	12.0

APV Products Kolding DK

PHE Plate Arrangement

ALABTOP60017/4 (S) UNCONTROLLED COPY

PHE Type N35 MGS-10E/2	Drawn by:
Serial no.	Checked by:
Assembly Drawing:	Approved by:
Archive method:	Rev.No 0

 Drawing No.: