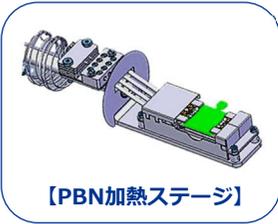
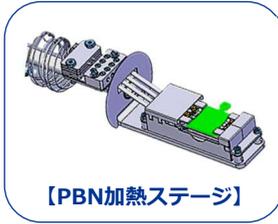
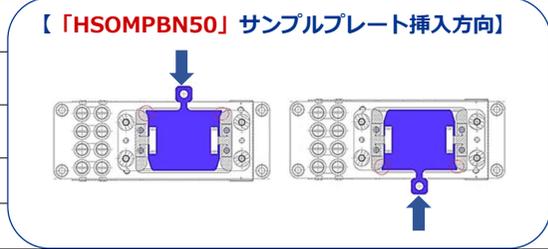
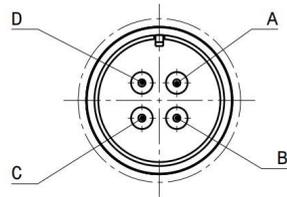


名称		PBN加熱ステーション	直線回転導入機付PBN加熱ステーション
外観図		  <p>【PBN加熱ステージ】</p>	  <p>【PBN加熱ステージ】</p>
概要		<p>・SHOMサンプルプレート用PBN加熱ステージは、配線と電流導入端子を含めて、ICF70(MD40)フランジに完全に取り付けられています。</p>	<p>・SHOMサンプルプレート用PBN加熱ステージが固定されたICF34(MD16)直線回転導入機は、配線と電流導入端子を含め、ICF70(MD40)フランジに完全に取り付けられています。</p>
製品コード		HSASOM40(PBN)-YYYY ※	HSASOM40(PBNMD)-XXXX-YYYY ※
仕様	リトラクト長 (YYYY)※	※フランジ面からサンプルプレートの中心(または表面)までの距離	
		133.8 – 700mm (標準 : 133.8mm)	134 – 400mm (標準 : 134mm)
	直線回転導入機	-	許容加熱温度 : 150℃ 圧力範囲 : 1E-11mbar – 1000mbar
	・リニアトラベル長 (XXXX)	-	50 – 450mm (標準 : 100/200/300/400/500mm)
	・直進力・トルク・回転範囲	-	直進力 : 30N トルク : 0.5Nm (HTオプション : 1Nm) 回転範囲 : ±166.75°
		-	
	PBN加熱アセンブリー	Boralectric®ヒーター : PBN(熱分解窒化ホウ素) + PG(熱分解グラファイト) 仕様 : 「 HSOMPBN50 」参照	
	・最高温度	1000℃	
	・最大電力	120W (40V, 3.0A@1000℃)	
	・内蔵熱電対	Kタイプ (クロメル/アルメル)	
・サンプルレシーバーオプション (発注時選択要)	<ol style="list-style-type: none"> 電氣的に絶縁されたサンプル (デフォルト) 筐体に接地されたサンプル 		
構造材料	フルUHV適合材料		
大気側ケーブル (6m) 付属	<p>A側 : 4ピン x MS大気側コネクタ (2xヒーター + 2xKタイプTCペア)</p> <p>B側 : Kタイプ(クロメル/アルメル)ミニチュア熱電対コネクタ + 3xセーフティ4mmバナナプラグ(赤/黒/黄色)</p>		
オプション【推奨電源】	電力 : 150W 電圧範囲 : 0-50V 電流範囲 : 0-5A (電源及びコントローラーは含まれておりません。)		

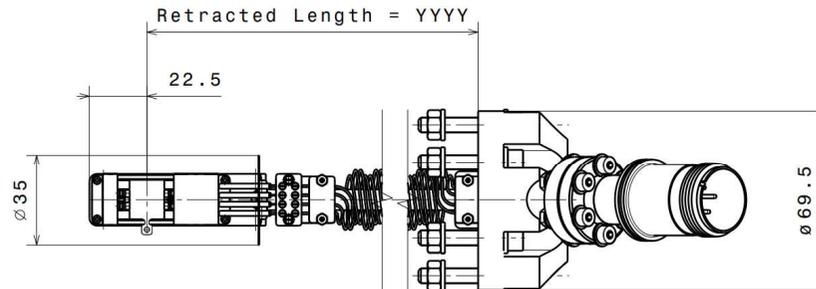
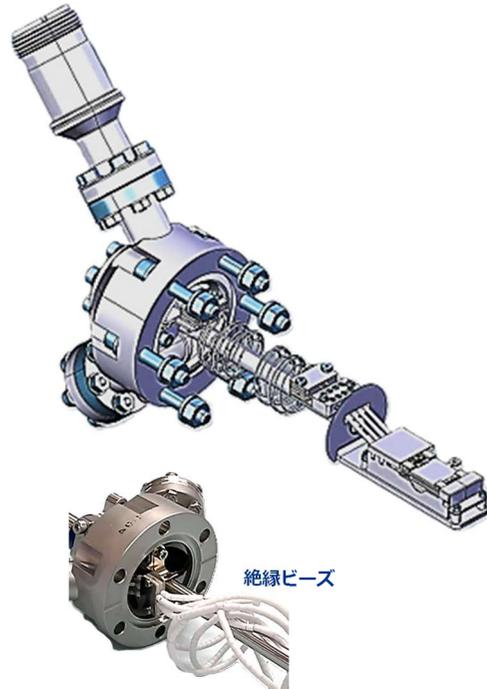
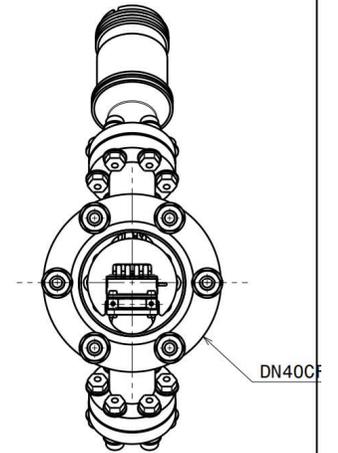
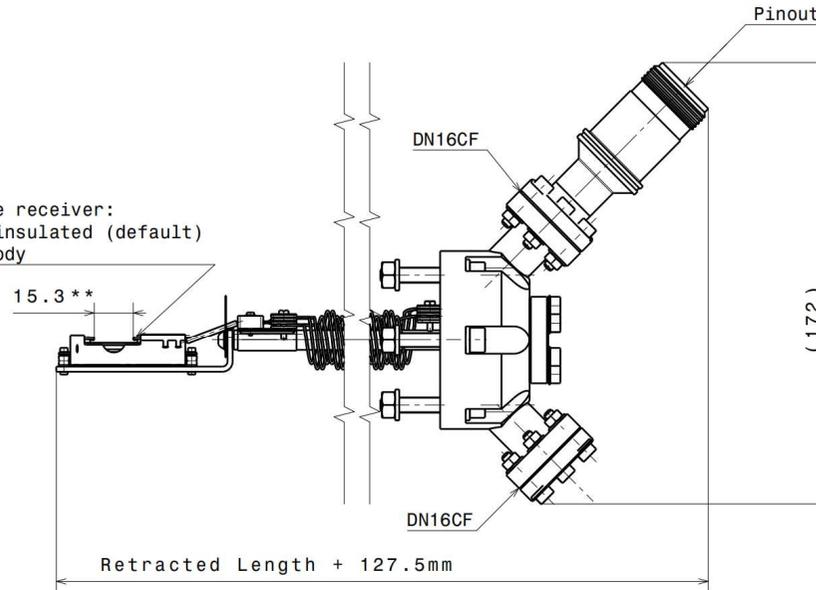


Pinout



Terminal	Function
A	heater -
B	TC - (Ni-Al)
C	TC + (Ni-Cr)
D	heater +

Option for sample receiver:
 1. electrically insulated (default)
 2. grounded to body



(sample plate not incl.)

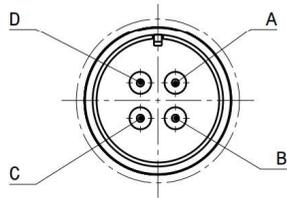
Material:	nominal $\leq 30\text{mm}$	DIN ISO 2768-f-H
	dimensions >math>30\text{mm}</math>	DIN ISO 2768-m-K excluding Sym./Runout
PBN Heating Station for Flag Style Plates	Sym./Runout >math>30\text{mm}</math>	DIN ISO 2768-H
	formed part dimensions	DIN ISO 2768-f-H
Scale	Drawn	J.Buechi
	Date	05.05.2021
	Changed	26.04.24 CS
1:2	HSASOM40 (PBN)	
	A3 sheet 1/1	
Rev.	D	

** Heating stages manufactured before November 2023, are categorized under revision C and possess a smaller space of 13.6mm. Please note that these stages might not be compatible with certain standard Ferrovac SHOM models (e.g., SHOM3T).

Ferrovac
 CH-8050 Zurich

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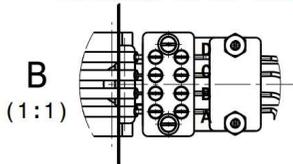
Pinout



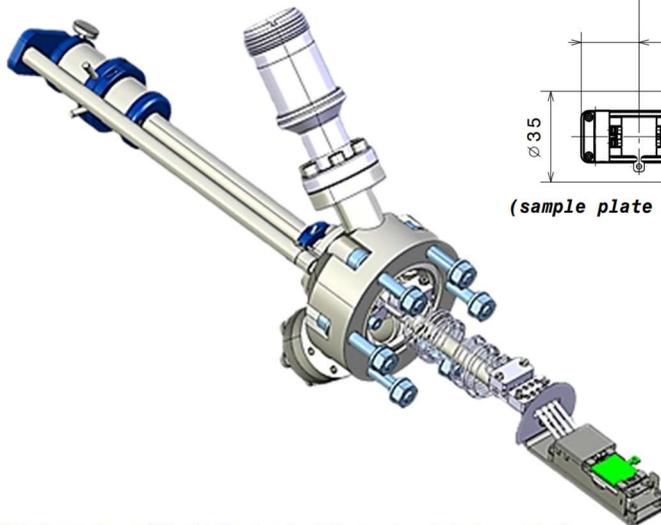
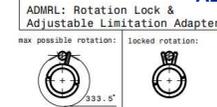
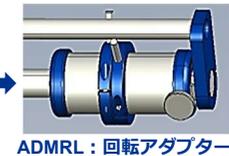
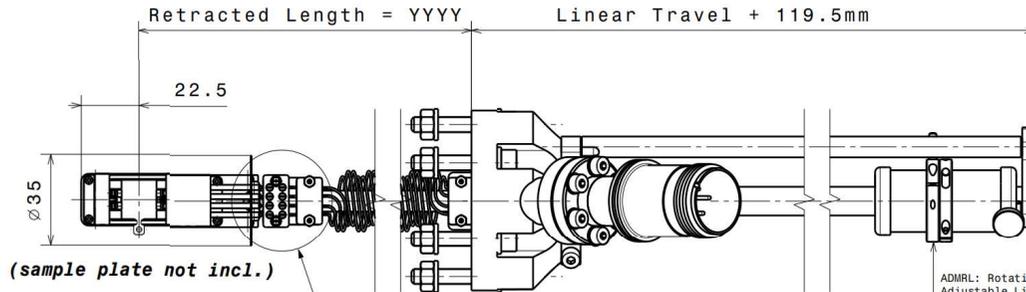
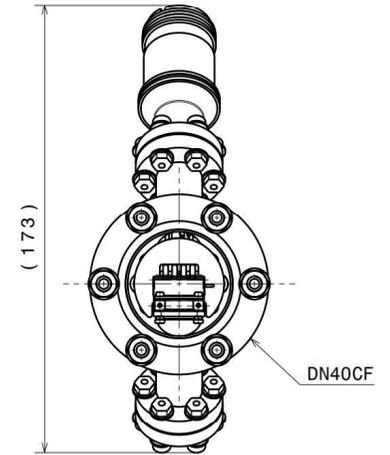
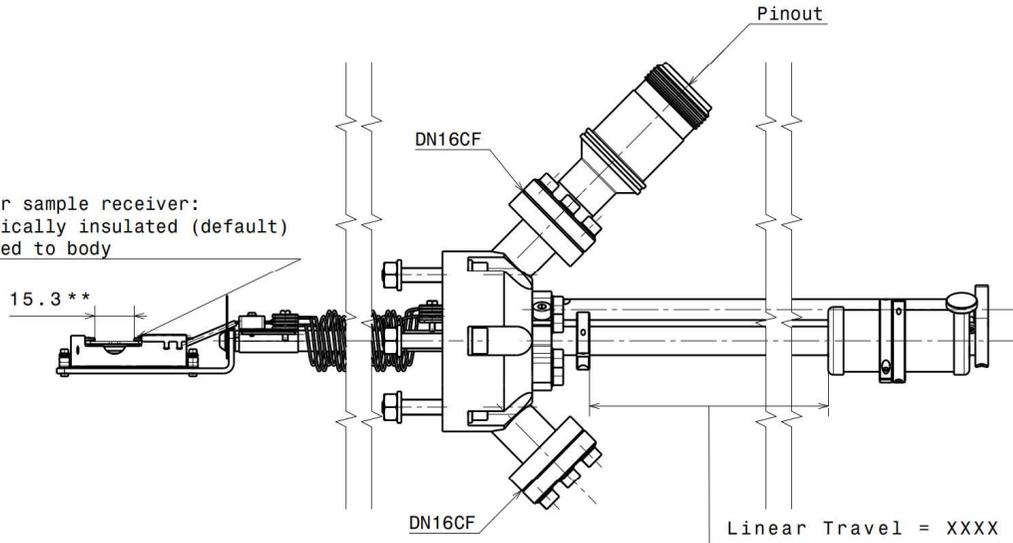
(view from air side)

Terminal	Function
A	heater -
B	TC - (Ni-Al)
C	TC + (Ni-Cr)
D	heater +

in vacuum luster terminal



Option for sample receiver:
 1. electrically insulated (default)
 2. grounded to body



絶縁ピース

Material:	nominal ≤30mm dimensions >30mm Sym./Runout >30mm	DIN ISO 2768-f-H DIN ISO 2768-m-K excluding Sym./Runout DIN ISO 2768-H
PBN Heating Station for Flag Style Plates with Linear Travel	formed part dimensions	DIN ISO 2768-f-H
	Scale	Drawn J. Buechi
	1:2 (1:1)	Date 19.11.2020 Changed 18.03.2025 CW
Ferrovac CH-8050 Zurich	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF FERROVAC. ANY REPRODUCTION IN PART OR AS WHOLE WITHOUT OUR PERMISSION IS PROHIBITED.	
Rev. E	HSASOM40 (PBNMD) A3 sheet 1/1	

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