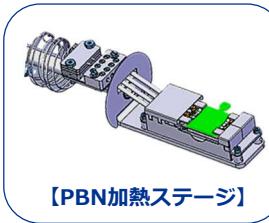
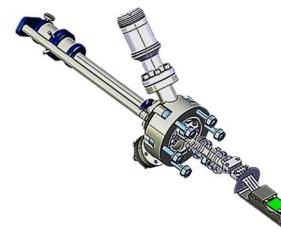
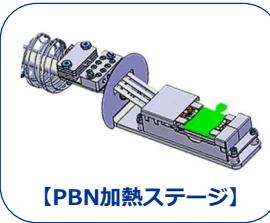
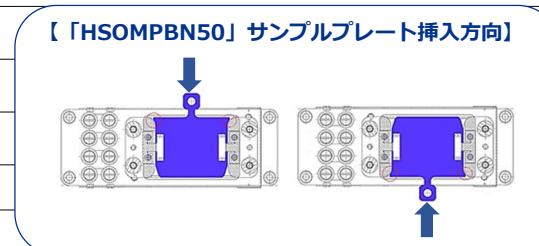
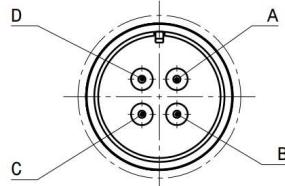
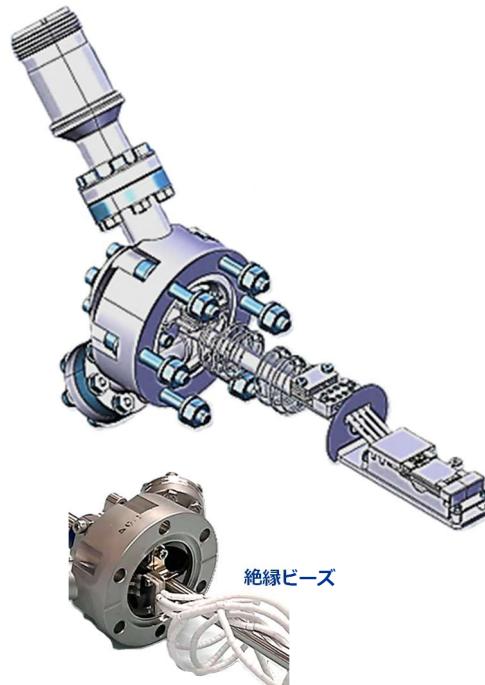


名称	PBN加熱ステーション	直線回転導入機付PBN加熱ステーション	
外観図	  <b>【PBN加熱ステージ】</b>	  <b>【PBN加熱ステージ】</b>	
概要	<ul style="list-style-type: none"> <li>SHOMサンプルプレート用PBN加熱ステージは、配線と電流導入端子を含めて、ICF70(MD40)フランジに完全に取り付けられています。</li> </ul>	<ul style="list-style-type: none"> <li>SHOMサンプルプレート用PBN加熱ステージが固定されたICF34(MD16)直線回転導入機は、配線と電流導入端子を含め、ICF70(MD40)フランジに完全に取り付けられています。</li> </ul>	
製品コード	<b>HSASOM40(PBN)-YYYY※</b>	<b>HSASOM40(PBNMD)-XXXX-YYYY※</b>	
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°C   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°C	
	・最大電力	120W (40V, 3.0A@1000°C)	
	・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)	1. 電気的に絶縁されたサンプル (デフォルト) 2. 筐体に接地されたサンプル	
構造材料		 <b>【「HSOMPBN50」サンプルプレート挿入方向】</b>	
		フルUHV適合材料	
	大気側ケーブル (6m) 付属	A側 : 4ピン x MS大気側コネクター (2xヒーター+2xKタイプTCペア) 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ー+3xセーフティ4mmバナナプラグ(赤/黒/黄色)	
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。)		

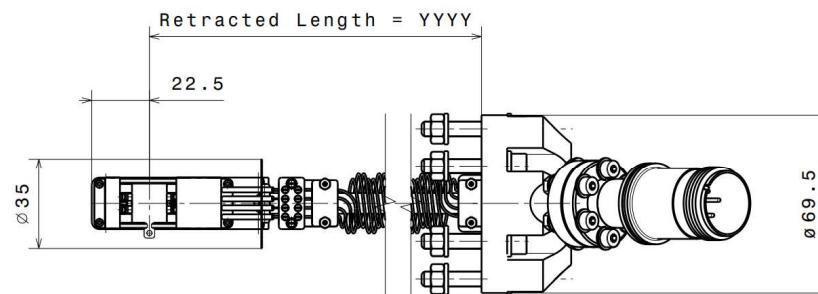
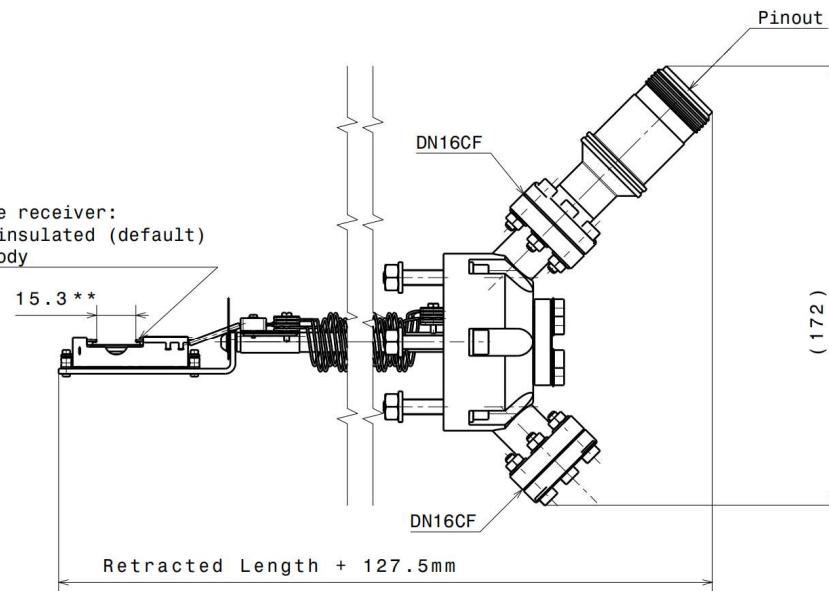
## Pinout



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.)

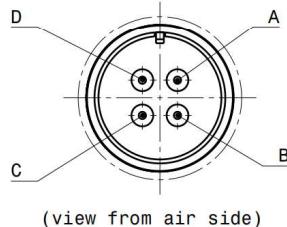
Material: ....	nominal dimensions <30mm	DIN ISO 2768-f-H
	>30mm	DIN ISO 2768-m-K excluding Sym./Runout
Sym./Runout >30mm		DIN ISO 2768-H
formed part dimensions		DIN ISO 2768-f-H
Scale	Drawn	J.Buechi
Date	05.05.2021	
Changed	26.04.24 CS	
1:2		HSASOM40 (PBN)
Rev. D		A3 sheet 1/1

\*\* 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

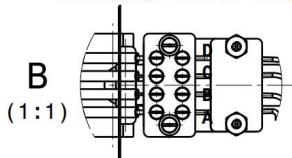
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## Pinout

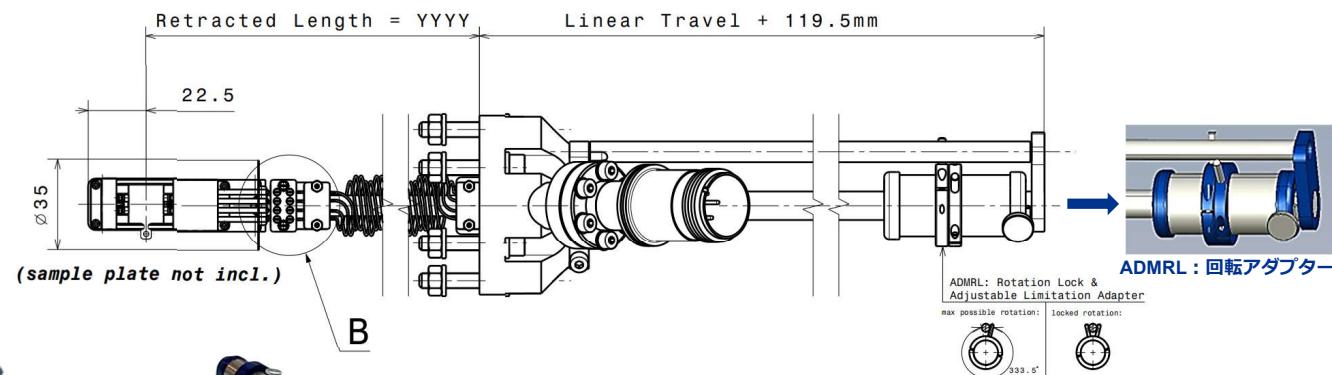
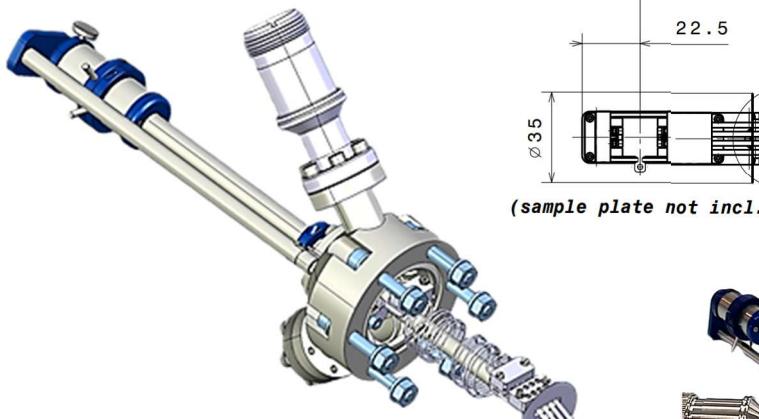
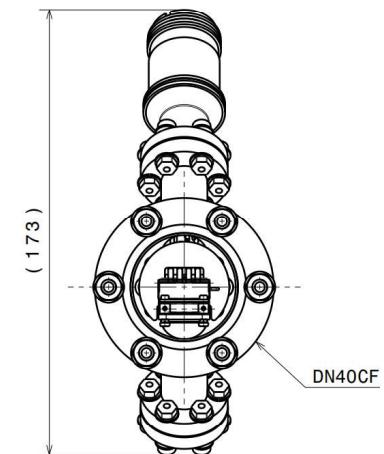
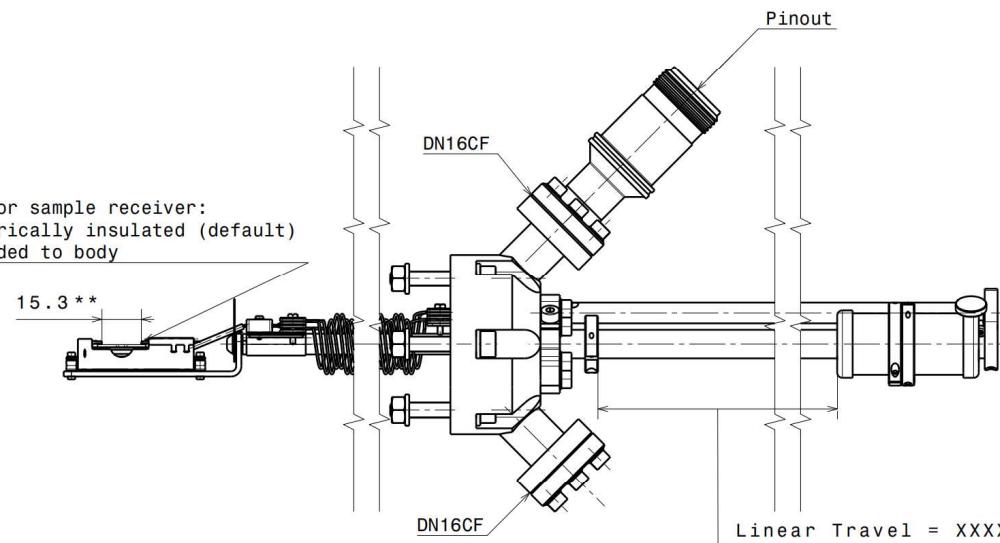


Terminal	Function
A	heater -
B	TC - (Ni-Al)
C	TC + (Ni-Cr)
D	heater +

in vacuum luster terminal



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



絶縁ビーズ

\*\* 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).

Material: ....

PBN Heating Station for Flag Style Plates with Linear Travel

**Ferrovac**  
CH-8050 Zurich

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nominal dimensions	<30mm	DIN ISO 2768-f-H
	>30mm	DIN ISO 2768-m-K excluding Sym./Runout
Sym./Runout	>30mm	DIN ISO 2768-H
formed part dimensions		DIN ISO 2768-f-H
Scale	Drawn	J.Buechi
Date	19.11.2020	
Changed	18.03.2025 CW	
		HSASOM40 (PBNMD)
Rev.	E	A3 sheet 1/1