



PROVAC

SALES

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Seiko Seiki STP-H2001

Technical Specifications

STP-H2001 Series

Item		Specification
Flange size	Inlet port flange	VG*1250, ICF*2 305, ISO250F
	Outlet port flange	KF*140
Pumping speed	N ₂ lit./sec.	2100
	He lit./sec.	1850
	H ₂ lit./sec.	1550
Compression ratio	N ₂	> 10 ⁸
	He	2 × 10 ⁶
	H ₂	10 ⁴
Ultimate pressure	Pa (Torr)	10 ⁻⁷ (10 ⁻⁹) order (after baking)
Maximum working pressure	Pa (Torr)	5 (0.038) : Water cooling/TMS unit used
Allowable outlet port pressure	Pa (Torr)	270 (2) : Water cooling/TMS unit used
Rated speed	rpm	27,000
Starting time	min.	7
Stopping time	min.	8
Noise	dB	< 50 (at 27,000 rpm)
Baking temperature	°C	< 120
Lubricating oil		Not necessary
Installation position		Vertical
Cooling method		Water cooling
Emergency vent. valve		No
Cooling pipe material		Stainless steel
Standard auxiliary pump	lit./min.	> 540
Weight	kg	60
Dimensions	mm	φ 342 × H373 (VG250)
		φ 342 × H413 (ICF305, ISO250F)
Ambient temperature range	°C	0 to 40
Storage temperature range	°C	-25 to 55

The values shown in the table are typical.; They are not guaranteed.