

Description

1.4 Technical Data

TRIVAC BCS			D 40 BCS two-stage	D 65 BCS two-stage
Nominal pumping speed ¹⁾	m ³ · h ⁻¹ (cfm)		46 (27.1)	75 (44.2)
Pumping speed ¹⁾	m ³ · h ⁻¹ (cfm)		40 (23.6)	65 (38.3)
Ult. partial pr. without gas ballast ¹⁾	mbar Torr		10 ⁻⁴ 0.75 · 10 ⁻⁴	
Ultimate total pr. without gas ballast ¹⁾	mbar Torr		< 2 · 10 ⁻³ < 1.5 · 10 ⁻³	
Ultimate total pr. with gas ballast ¹⁾	mbar Torr		< 5 · 10 ⁻³ < 3.8 · 10 ⁻³	
Water vapour tolerance ¹⁾	mbar Torr		40 30	
Water vapour capacity	g · h ⁻¹		1184	1925
Oil filling, min./max.	l		1.7 / 2.6	2.0 / 3.3
Noise level to DIN 45 635 without/with gas ballast	dB (A)		57 - 59	
Admissible ambient temperature	°C		12 - 40	
Motor power	W		2200	
Speed (50 / 60 Hz)	rpm		1500 / 1800	
Motor protection	IP		55	
Voltage range	50 Hz 60 Hz	V V	218-242/380-420 230-277/414-480	
Nom. current	50 Hz 60 Hz	A A	9.9/5.7 8.5/4.9	
Weight	kg		68	80
Connections, intake and exhaust side	DN		40 KF	
TRIVAC BCS with three-phase motor 230/400 V, 50 Hz / 250/440 V, 60 Hz			Part No. 113 88	Part No. 113 98

1) To DIN 28 400 and subsequent numbers

Caution

In the case of custom pumps (with a Part No. deviating from the Part No. stated in the EC Declaration of Conformity) please note the information provided on a separate sheet.

Motor voltage and current may differ from these data. Observe the data given on the name plates.