



BRITISH COMPRESSED AIR SOCIETY

PERFORMANCE VERIFICATION PROGRAMME

TEST REGISTER

(Version 1.0)

September 2026

OVERVIEW

The British Compressed Air Society (BCAS) are the administrators for the Performance Verification Programme for 50Hz Rotary Compressors. The programme provides a uniform and commercially practical means of verifying participants claimed ratings. Compliance with the provisions of the latest edition of Annex C to ISO 1217, Displacement Compressors–Acceptance Tests, Annex E to ISO 1217, Displacement Compressors–Acceptance Tests, for Variable (Displacement, Speed) Drive Compressors is mandatory for all participants.

Participation in the programme is optional and is open to all manufacturers and / or importers of rotary compressors from 4kW to 160kW. On a routine basis, the administrator selects, and the test laboratory tests samples of the equipment to verify that they meet the participant's certified published performance ratings.

The data verified under this programme will be displayed on BCAS PVP Datasheets in the standard format and published on the BCAS website. Participants may publish the data verified under this programme on their websites and in published literature. The BCAS Verification Label is the participants' public representation that the stated air flow capacities and efficiencies of compressors have been verified by an independent laboratory. The BCAS Verification Label shall be used on verified models only. All participants of the programme are permitted to show the BCAS PVP Badge on participants websites and / or published literature.

The flow and pressure ratings in this directory are provided along with model number only to help identify the specific model that was tested by the administrator. Please refer to a copy of the participants' data sheet for more detailed information. Datasheets can be located via the following link <https://performance.bcas.org.uk> .



PARTICIPANT LIST

The following brands of rotary compressors are currently participating in the BCAS Performance Verification Programme.

Atlas Copco

Boge

Champion

CompAir

ELGi

Gardner Denver

HPC Kaeser

Ingersoll Rand

Mattei

SCC Air Compressors

Sullair

NOTE:

All measurements stated in the performance verification test results tables are shown using the following units of measurement:

Rated Flow – **m³/min**

Rated Pressure – **bar g**

ATLAS COPCO**PERFORMANCE VERIFICATION TEST RESULTS**

Date	Model No	Rated Flow	Rated Pressure	Result
December 2025	G7 FS	0.98	9.50	PASS
June 2026	GA11VSDs	2.29	7.00	PASS



BOGE

PERFORMANCE VERIFICATION TEST RESULTS

Date	Model No	Rated Flow	Rated Pressure	Result
August 2025	C 9	1.19	7.00	PASS
March 2026	C12-2 LF	2.02	7.50	PASS

CHAMPION**PERFORMANCE VERIFICATION TEST RESULTS**

Date	Model No	Rated Flow	Rated Pressure	Result
November 2025	FM7	0.97	10.00	PASS

COMPAIR**PERFORMANCE VERIFICATION TEST RESULTS**

Date	Model No	Rated Flow	Rated Pressure	Result
February 2026	L07e-7.5A	1.30	7.50	RE-RATED
May 2026	L11eRS-7.5A	1.81	7.50	PASS

ELGI**PERFORMANCE VERIFICATION TEST RESULTS**

Date	Model No	Rated Flow	Rated Pressure	Result
August 2025	EN 7 7	1.15	7.00	PASS
May 2026	EQ 11 7.5 V	1.84	7.00	PASS

GARDNER DENVER**PERFORMANCE VERIFICATION TEST RESULTS**

Date	Model No	Rated Flow	Rated Pressure	Result
February 2026	ESM7e-7.5A	1.30	7.5	RE-RATED

HPC KAESER**PERFORMANCE VERIFICATION TEST RESULTS**

Date	Model No	Rated Flow	Rated Pressure	Result
August 2025	SM13	1.32	7.50	PASS
March 2026	SK22SFC	1.99	7.50	PASS

INGERSOLL RAND**PERFORMANCE VERIFICATION TEST RESULTS**

Date	Model No	Rated Flow	Rated Pressure	Result
February 2026	RSe7.5ie-7.5A	1.30	7.50	RE-RATED
May 2026	RSe11ne-A7.5	1.81	7.50	PASS

MATTEI**PERFORMANCE VERIFICATION TEST RESULTS**

Date	Model No	Rated Flow	Rated Pressure	Result
October 2025	BLADE 8 H - 40000123	0.99	9.50	PASS
September 2026	BLADE 12i	1.53	7	RE-RATED



SCC AIR COMPRESSORS

PERFORMANCE VERIFICATION TEST RESULTS

Date	Model No	Rated Flow	Rated Pressure	Result
December 2025	SMART 7	1.03	8.00	PASS
April 2026	STRONG 11-10	1.44	10.00	PASS



SULLAIR

PERFORMANCE VERIFICATION TEST RESULTS

Date	Model No	Rated Flow	Rated Pressure	Result
May 2026	ST0708AC	1.07	8.00	PASS