

CAGI Rotary Compressor Performance Verification Program

Participant Directory

The logo is a vertical arrangement of elements. At the top is a blue inverted triangle containing the text 'Performance Tested and Rated in Accordance with'. Below this is a yellow rectangular box with 'ISO 1217' and '5-200 HP' in white. A small blue triangle points down from the yellow box to the start of a large yellow-bordered rectangle. Inside this rectangle, the text 'CAGI Rotary Compressor Performance Verification Program' is written in yellow. Below this is the CAGI logo, which consists of the word 'CAGI' in large blue letters with a trademark symbol, and 'Compressed Air & Gas Institute' in smaller blue letters below it. A blue swoosh is under the text. Below the swoosh is the website 'www.cagi.org'. At the bottom of the rectangle, it says 'Program administered by Intertek Testing Services' in blue.

Performance
Tested and Rated
in Accordance
with

ISO 1217
5-200 HP

**CAGI Rotary
Compressor
Performance
Verification Program**

CAGITM
Compressed Air & Gas Institute

www.cagi.org

Program administered by
Intertek Testing Services

Overview

The Compressed Air and Gas Institute (CAGI) sponsors the Performance Verification Program for Rotary Compressors. The program provides a uniform and commercially practical means of verifying participants' claimed ratings. Compliance with the provisions of the latest edition of ISO 1217, *Displacement Compressors-Acceptance Tests*, is mandatory for all participants.

Participation in the program is voluntary and is open to all manufacturers of rotary compressors from 5-200 HP. On a regular and random basis, the Program Administrator, Intertek Testing Services, selects and tests samples of equipment to verify that actual performance meets the manufacturer's certified published performance ratings.

The ratings certified under this program are displayed in the standard CAGI datasheet format on datasheets published on participants' websites and in the participants published literature. The verification seal, which appears on units and on participants' published literature, is the participants' public representation that the stated air flow capacities and efficiencies of compressors have been verified by an independent laboratory.

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. Consult a copy of the manufacturer's data sheet for more detailed information. Datasheets can be located via the following links:

- [Atlas Copco](#)
- [Boge](#)
- [Elgi](#)
- [FS Curtis](#)
- [Gardner Denver](#)
- [Ingersoll Rand](#)
- [Kaeser](#)
- [Sullair](#)
- [Sullivan-Palatek](#)

Participant List

The following manufacturers of rotary screw compressors are currently participating, or were participating, in the CAGI Performance Verification Program. Click on the manufacturer name to see the results of the tests that have been conducted for that manufacturer.

[Atlas Copco](#)

[Boge](#)

[Chicago Pneumatic](#)

[Elgi](#)

[FS Curtis](#)

[Gardner Denver](#)

[Ingersoll Rand](#)

[Kaeser](#)

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Atlas Copco Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
--	GA55+-125AP	333	125	Passed
--	GA90S-125A	534	125	Passed
--	GA45-125AP	246	125	Passed
--	GA37+-125AP	227	125	Passed
--	GA55-125AP	320	125	Passed
--	GA26+-125AP	157	125	Passed
--	GA37-125AP	227	125	Passed
--	GA75-125 AP	414	125	Passed
--	GA90VSD-175 AP	603	125	Passed
--	GA90+-125 AP	581	125	Passed
--	GA75-125AP	414	125	Passed
5-13	GA55-125	327	125	Passed
6-13	GA75VSD-175	488	125	Passed
6-13	GA26+-125	157.1	125	Passed
5-14	GA26VSD+	180.8	102	Passed
5-14	GA90-125 AP	566	125	Passed
5-14	G 110-125	678	125	Passed
4-15	GA45 VSD-175	284	125	Passed
4-15	GA18+ -125	113	125	Passed
8-15	G160 - 125	930	125	Passed
5-16	ZT 55-125	290	125	Passed
3-16	GA26-125AP	146.7	125	Passed
5-16	GA37VSD-175	239	125	Passed
12-17	GA15+-125 AP	90.9	125	Passed

12-17	GA45VSD-175 AP	284	125	Passed
12-17	GA55-125AP	327	125	Passed

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Boge Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
--	S50-2	204	150	Passed
--	S101	462.6	115	Passed
--	S100-2	420.2	115	Passed
--	S60-2	247.2	115	Passed
--	S101	462.6	115	Passed
--	S24-2	98.87	125	Passed
--	S29-2	118.29	115	Passed
--	S40-2	170	115	Passed
--	S50-2	224.22	115	Passed
--	S125	479.47	115	Passed
--	S61-2	271.89	115	Passed
--	SLF 51	232.1	115	Passed
6-13	SLF 75	303.2	115	Passed
5-14	C 20	85	115	Passed
5-14	SLF 40-3	162.8	150	Passed
5-14	S 60-3	245	115	Passed
9-14	S 40-3	179.05	115	Passed
9-14	S 50-3	218.95	125	Passed
3-15	C30	121.84	115	Passed
3-15	C30 F	127.13	115	Passed
3-15	S75-3	331.9	115	Passed
9-16	C 15	54.45	150	Passed
9-16	S100-3	425.41	115	Passed
9-16	SLF 101-3	504.78	100	Passed
11-17	S150-3	649.7	115	Failed and Re-rated

11-17	SLF 61	272.95	115	Passed
11-17	S60-3	245.13	125	Passed

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Chicago Pneumatic Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
9-14	QRS25HP	92	125	Passed
3-15	CPC60	261	125	Passed
10-15	CPVSD35	164	101.5	Passed
10-15	CPVSD35	162.4	101.5	Passed
10-15	CPBG35	154.4	116	Passed
5-16	CPVS 75	350	100	Passed
5-16	CPBg40	175.4	125	Passed
5-16	CPD-G 75	312	125	Failed and Re-rated
12-17	QRS 30	117	125	Failed and Re-rated
12-17	CPE 120	517	125	Passed
12-17	CPVSD 50	211.9	101.5	Failed and Re-rated

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Elgi

Date	Model Number	Rated Flow	Rated Pressure	Result
3-17	EN11	54	125	Passed
9-17	EG 18V-125	107	125	Passed
11-17	EG 11-125	64	125	Passed
11-17	EG 45-125	266	125	Passed

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FS Curtis Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
--	RS75D	333	125	Passed
--	SE50-125	205	125	Passed
--	SE50-100	222	100	Passed
--	RS50F-100	220	100	Passed
--	RS25	111	100	Passed
--	RS40	173	125	Passed
--	SE30	113	125	Passed
--	RS50	186	150	Passed
--	SE 25	100	125	Passed
--	GSV-30D	131	100	Passed
--	RS100F	374	150	Passed
6-13	SE-30	126	100	Passed
8-14	GSV-100	430	125	Passed
8-14	RSB-50	200	125	Passed
10-14	SEG15	14	125	Passed
7-15	RS100	440	100	Passed
10-15	FNB22CXX4JXXX	203.4	125	Passed
11-15	FNB37DXX4JXXX	116.1	125	Passed
6-16	NXV 37	211.0	125	Passed
6-16	RSB-30	123.0	125	Passed
6-16	NxB30	170.0	125	Passed
10-17	FNV30DXX4JXPC	173	125	Passed
10-17	FND90FXX4HXPC	563	100	Passed
10-17	FRD75FUXXA4J1XXXX	330	125	Passed

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Gardner Denver Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
--	EBPST-100-100 psig	495	100	Passed
--	EBMST-75-125 psig	320	125	Passed
--	EBM99K/EBM ST-75-125	320	125	Passed
--	EBQ99M/EBQ-ST-150-125	618	125	Passed
--	EBEST-30	120	125	Passed
--	EBHST-50	205	125	Passed
--	EBE99Q02	97	125	Passed
--	EDE99N02E	185	125	Passed
--	EBE99Q01E	97	125	Passed
--	VS70	436	100	Passed
--	EBP99K01	450	125	Passed
5-13	EBH99H02E	205	125	Passed
5-13	EBP99K01	450	125	Passed
5-13	VS25-40A03	242	100	Passed
9-13	EBP99K01	450	125	Passed
5-14	VS80	556	110	Passed
5-14	INT 50 hp, EFD, 125	193	125	Passed
8-14	SAV 125 hp, EAQ, 125	608	125	Passed
2-15	ST-50	238	100	Passed
2-15	VS30	213	100	Passed
2-15	Apex VS 18	94.6	125	Passed
6-16	L45	269.4	100	Passed
6-16	EnviroAire T90	562	115	Passed
8-16	L23RS	146	100	Passed
9-17	Apex Vs18-125	90.0	125	Passed
9-17	STG-50	239.0	100	Passed

9-17	ES50	178.0	125	Passed
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Ingersoll Rand Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
--	SSR-EP75	323	125	Passed
--	SSR-EP100	434	125	Passed
--	R110IU-A-125	690	125	Passed
--	SSR-EP60SS	246	125	Passed
--	EP75	323	125	Passed
--	EPE50	211	125	Passed
--	R90i-A-125	566	125	Passed
--	UP6-25	98	125	Passed
--	UP6-50	208	125	Passed
--	R55N	312	135	Passed
--	R90N	513.4	135	Passed
--	R90i	566	115	Passed
4-13	R75N-A100	417.9	135	Passed
4-13	R55I-A125	328	115	Passed
4-13	UP625-125	98	125	Passed
5-14	IRN25H-CC-150	99.6	125	Passed
5-14	UP6 40-125	177	125	Passed
5-14	UP6 20-125	77	125	Passed
2-15	UP6-30	117	125	Passed
2-15	R45i	253	115	Passed
3-15	R45N-A100	262	100	Passed
5-16	R37IE-A125	217	115	Passed
5-16	IRN30H-CC-100	130.6	100	Passed
9-16	H100A	411	125	Passed
3-18	R37NE	211	135	Failed and Re-rated

11-17	R371	220	115	Passed
3-18	R110N	649	135	Passed

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Kaeser Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
--	CSD 75	345	115	Passed
--	CSD 100	494	115	Passed
--	CSD 125	566	115	Passed
--	DSD 125	570	115	Passed
--	ASD 40S	162	115	Passed
--	BSD 50	236	115	Passed
--	ASD 30	132	115	Passed
--	BSD 40	193	115	Passed
--	ASD25	112	115	Passed
--	SFC90S	483.8	125	Passed
--	CSD125	567	115	Passed
3-13	SM7.5	32	115	Passed
5-13	SFC75S	441	125	Passed
5-13	CSD75	345	115	Passed
6-14	SK 20 - 125	88	115	Passed
8-14	BSD 60	288	115	Passed
9-14	SFC110S	588	125	Passed
3-15	SFC 75S	441	125	Passed
3-15	CSD100S	417	115	Passed
3-15	AS 30	141	115	Passed
5-16	CSD 60-125	290	115	Passed
4-16	AS-25	120	115	Passed
5-16	SFC 55	357	125	Passed
8-17	BSD 50	236	115	Passed
8-17	SFC 30S	171	125	Passed
8-17	DSD 125	598	115	Passed

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Mattei Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
03-14	AC 18LX	123	100	Passed
10-14	AC 22	131	100	Passed
10-14	Maxima 30	222	100	Passed
2-15	AC15HX	91.8	140	Passed
2-15	Optima 15	94.7	100	Passed
2-15	AC 37LX	246	100	Passed
2-16	AC 11 LX	70	100	Passed
2-16	Optima 37	228.8	102	Failed and Re-rated
2-16	Maxima 55	425	100	Failed and Re-rated
1-18	Optima 30	197.9	102	Failed and Re-rated
1-18	Maxima 75X	595	102	Failed and Re-rated
1-18	AC45 LX	301	102	Failed and Re-rated

Terminated from Program Effective 9/1/18

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Quincy Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
--	QGB-50	238	100	Passed
--	QSI-600	630	100	Passed
--	QSI-500	495	100	Passed
--	QGD-50	223	110	Passed
--	QSI-750	745	100	Passed
--	QGD-30	132.5	100	Passed
--	QGD-40	186	100	Passed
--	QGD-50	226	100	Passed
--	QGV-100	470.9	100	Passed
--	QSI-500i	495	100	Passed
6-13	QGV-50	226.1	100	Passed
5-14	QGV 30	135.7	100	Passed
5-14	QGS 100-125	434	125	Passed
9-14	QGS-60	248	125	Passed
3-15	QSI 120	117	100	Passed
3-15	QGV25	104.3	125	Passed
3-15	QSI 140	136	100	Passed
5-16	QGV-40	185.3	100	Passed
5-16	QGS-25	92	125	Passed
5-16	QGS50c	208	125	Passed
12-17	QGD 20	92.6	125	Failed and Re-rated
12-17	QSI-50	229.9	125	Failed and Re-rated
12-17	QGDV 30	141.3	125	Failed and Re-rated

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Sullair Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
--	LS160-75HAC	346	125	Passed
--	7509/AC	444	125	Passed
--	LS200S-150HAC	683	125	Passed
--	4509/A	267	125	Passed
--	1809/A	106	125	Passed
--	2209/A	127	125	Passed
--	3709	222	125	Passed
--	4509P	260	125	Passed
--	3009V	163	125	Passed
--	1809V	105	125	Passed
--	4509V	260	125	Passed
6-13	7509V	454	125	Passed
6-13	7509	444	125	Passed
9-13	ST1109	63.5	125	Passed
9-13	3009	160	125	Passed
5-14	2209V	99	125	Passed
5-14	5509-AC	341	125	Passed
5-14	1809e	99.3	125	Passed
11-15	ST3008	160	115	Passed
8-15	TS20-100 HAC	575	100	Passed
11-15	Senergy 3009B	183	125	Passed
6-16	3709VB	225	125	Passed
9-16	ST3008	160	115	Passed
9-16	ST3708	219	115	Passed
9-17	1109e	60.2	125	Passed

9-17	1509e	79.2	125	Passed
9-17	1109eV	59.1	125	Passed

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Sullivan-Palatek Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
9-13	75UDMBW	325	125	Passed
6-13	25D	105	125	Passed
5-14	50UDG	225	125	Passed
10-14	100UDG VFD	425	125	Passed
8-15	20 D	78	125	Passed
8-15	40 UD	160	125	Passed
9-15	40 UDVFD	165	125	Passed
7-16	SP16 100VFD	440.1	125	Passed
7-16	30DG	120	125	Passed
7-16	SP16 100	441	125	Passed
8-17	SP 20 UD	545	125	Passed
8-17	L50 UD VFD	204	100	Passed
8-17	40 DG	150.1	125	Passed

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