

CAGI Rotary Compressor
Performance Verification Program

Participant Directory



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](#)
- [Chicago Pneumatic](#)
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NOTE: Some testing was delayed or postponed in the early 2020's due to lack of available test cell time at the Third Party Program Administrator facility. Test cells were used by the HVAC industry as that industry adapted to regulations related to changes in refrigerants and efficiency requirements.

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.

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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
4-19	GA45VSD	284	125	Passed
5-19	GA18 VSD	118.9	125	Passed
5-19	GA 90-125	565.8	125	Passed
5-19	GA15-125	89	125	Passed
10-19	GA26-125AP	167	125	Passed
10-19	GA75-125 AP	429	125	Passed
3-21	GA15+P	96	125	Passed
3-21	GA30P A	187.4	125	Passed
3-21	GA37VSD	243.4	102	Passed
7-22	GA11-125TM	54.5	125	Passed
7-22	GA22VSD	157.5	102	Passed
12/22	GA37VSD	243.4	102	Passed
2/23	G4-145TM	18	138	Failed and Re-rated
3/25	GA55+-125AC	381.1	125	Passed
3/25	GA45+-125AC	294.2	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	Passed

11-17	SLF 61	272.95	115	Passed
11-17	S60-3	245.13	125	Passed
1-20	C 25 F	109.5	105	Passed
8-20	S90-4N	565	125	Passed
8-20	S 160-4LF N	922	125	Passed
12-20	SLF51-3	252.80	115	Passed
2-21	BLC10LN	39.00	110	Passed
2-21	BLC15L	71.00	110	Passed
2-21	BL C 15	71	110	Passed
2-21	BLSLF 75-3	339	115	Passed
7-21	S 50-3 N	225	115	Passed
4-22	C12-2LFN	71	110	Passed
4-22	C15-2LN	77	135	Passed
12-22	S76-4N	456	110	Passed
12-22	LS110-4	679.4	110	Passed
3/25	C12-2 N	65	110	Passed
4/25	S75-4 LFN	451	125	Passed
4/25	S55-4 LFN	388.8	110	Passed

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Chicago Pneumatic Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
7-19	QRS 20	82	125	Passed
10-20	QRS 30	113.8	125	Passed
1-21	QRS 20	82.2	125	Passed
1-21	CPVS60	322	102	Passed
10-22	QRSM10	34.1	138	Passed
11-22	CPVSD	78	100	Passed
	QRS25	99.4	125	Passed
	CPVS40	198	100	Passed

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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
2-19	EG 75V-125	450	125	Passed
2-19	EG 37-125	212	125	Passed
2-19	EG 110-125	630	125	Passed
2-19	EG 22V-125	132	125	Passed
2-19	EG 55-125	343	125	Passed
2-19	EN 11-125	55	125	Passed
10-20	EN 7	38.5	125	Passed
10-20	EG 90V	536	125	Passed
11-20	EG 45	267	125	Passed
10-21	EG22	134	125	Passed
10-21	EN7V	38	125	Passed
11-22	EG15-125	85	125	Passed
11-22	EN11V-125	55	125	Passed
3/25	EG 90-125	536	125	Passed
3/25	EG75-125V	458	125	Passed
3/25	EQ 18-125	100	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
11-18	NxB18	113.9	100	Passed
11-18	NXV22	128.6	100	Passed

11-18	RSB25	84	175	Passed
11-19	NXV30	190	100	Passed
11-19	RS40-100	184	100	Passed
11-19	NxD55	324	125	Passed
12-20	NXB06	26.21	125	Passed
12-20	NxV08	41.61	125	Passed
3-21	NxB04	15.4	150	Passed
1-22	NxV15-125	80	125	Passed
1-22	NxB37-150	190	150	Passed
11-22	NxD110KW	673	125	Passed
11-22	NxV11	57.32	125	Passed
7/25	RS50D-125	212	125	Passed
11/25	NxHE110A	738.4	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	ApexVs18-125	90.0	125	Passed
9-17	STG-50	239.0	100	Passed

9-17	ES50	178.0	125	Passed
7-19	VS25	155	100	Passed
8-20	L90	574.2	125	Passed
8-20	L30-45	251.9	125	Passed
7-21	L11	56.2	125	Passed
7-21	LRS30-45E17	224.6	125	Passed
7-21	L07RS	37.6	130	Passed
7-21	L22	117.6	125	Passed
7-21	L07	39.7	125	Passed
7-21	ST40	233.0	125	Passed
4-22	L15	85.1	125	Passed
4-22	L11RS	56.9	130	Passed
11-22	L18	100.49	125	Passed
11-22	L23RS	135	125	Passed
9/25	L37RS	224.6	125	Passed
11/25	L23	124.9	130	Passed
11/25	L110	698.6	130	Passed

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Hertz Kompressoren Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
3-18	HBD 7	39.2	125	Passed
12-18	HDD 55	374.3	100	Passed
8-20	HDD 30	206.5	100	Passed
12-20	HBD 4	20.8	100	Failed
12-20	HBD22	127.5	125	Passed
12-20	HVD11	62.5	125	Passed
3-21	HBD11	62.6	125	Passed
12-21	HJVD 37	216.5	125	Passed
12-21	HDD 30	182.9	125	Passed
11-22	HDD45	275.4	125	Passed
11-22	HVD22	131.4	125	Passed
5/25	HBD 15	74.8	125	Passed
5/25	IMPETUS 90H	627.6	125	Passed
5/25	IMPETUS VSD 22H	138.1	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	Passed

11-17	R371	220	115	Passed
3-18	R110N	649	135	Passed
1-19	R45IE-125	265	115	Passed
5-19	R75I-A125	455	115	Passed
1-19	R160N-A135	844	135	Passed
10-19	IRN50H-OF	200	100	Passed
10-19	H150A	691	125	Passed
10-19	H200A	855	125	Passed
10-20	R45N-A145	262	100	Passed
12-20	RS55i	360	115	Passed
12-20	RS45i	298	115	Passed
10-21	RS132IE-A125	922	115	Passed
10-21	R11N-A145	52	135	Passed
11-22	UP6-15C	52	125	Passed
12-22	R90N	545	135	Passed
11/25	RS90ie-A125	659	115	Passed
4/26	RS55N-A	374	115	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
11-18	ASD 40	191	115	Passed
11-18	SM 15	55.4	115	Passed

11-18	SFC 30S	174	125	Passed
10-19	ASD 25	112	115	Passed
10-19	CSG 120-2	422	115	Passed
10-19	SFC 22	154	125	Passed
9-20	ASD40S	162	115	Passed
9-20	SFC37	248	125	Passed
10-20	AS20	98.9	115	Passed
10-21	ASD-40	191	115	Passed
10-21	SFC 55	360	125	Passed
11-22	AS 25	120.1	115	Passed
2-23	SFC-30	206	125	Passed
3/25	SFC-45	316	125	Passed
4/25	AS 25	119.7	115	Passed
4/25	CSD 90	304	115	Passed

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Kaishan Performance Verification Test Results

Date	Model Number	Rated Flow	Rated Pressure	Result
02-19	KRSP-30	146	115	Passed
10-19	KRSP-60	288	115	Passed
10-19	KRSB-30	111	125	Passed
10-19	KRSD-100 VSD	442.2	125	Passed
9-20	KRSD-75	357	115	Passed
9-20	KRSP-40	202	115	Passed
9-20	KRSD-50	228	125	Passed
11-21	KRSB-25	105.2	125	Passed
11-21	KRSD 30-125-VSD	142	125	Passed
11-22	KRSD-100	496	115	Passed
11-22	KRSD-25	107	125	Passed
3/25	KRSP2-125-125	646	125	Passed
3/25	KRSP2-75-100 VSD	411	100	Passed
4/25	KRSD-25-115	115	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
10-20	QSI 75	382.8	100	Passed
11-21	QGDV20P	96.2	125	Passed
12-22	QGV60	257	125	Passed
2-23	QGS-15 T120	54.9	125	Passed
3/25	QSI75	357.9	125	Passed
3/25	QGD25P	109.8	125	Passed
6/25	QGV100	466.6	125	Passed

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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
9-18	LS9009S	594	125	Passed
9-18	LS11009S	702	125	Passed
9-18	LS11009V	702	125	Passed
10-19	1809EV AC	99.8	125	Passed
10-19	ST4509 AC	278	125	Passed
10-19	ST5509 AC	341	125	Passed
7-21	ST410 AC SP	14.5	150	Passed
7-21	SN55095 AC	354	125	Passed
7-21	ST7509	438	125	Passed
2-23	SN1509EV/A/SUL/460/60/VDS/WS	80.9	125	Passed
2-23	ST1509AC	77.5	125	Passed
3/25	ST4509AC	357.9	125	Passed
3/25	SN5509S/A/SUL	109.8	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
10-18	D-15	49.5	125	Passed
10-18	SP16-75 VSD	338	125	Passed
1-19	SP16-75	338	125	Passed
8-20	SP16-60	275.00	125	Passed
8-20	M10	42.00	125	Passed
8-20	SP20-125	555.00	125	Passed
12-20	UD-50	184	125	Passed
12-20	SP16-125	530	125	Passed
12-20	D 20 VFD	78	125	Passed
11-21	D25	105	125	Passed
12-22	SP13-50	225.5	125	Passed
12-22	SP13-50VFD	220.3	125	Passed
3/25	DG-40	154.4	125	Passed

7/25	SP13-40	170.1	125	Passed
7/25	SP13-60VFD	260.8	125	Passed

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