

Oil-injected

Rotary Screw Air Compressors

Installed motor power 5.5 - 550 kW/7.5 - 750 hp

Free air delivery from 0.79 to 76.67 m³/min, Pressure 7 - 13 bar



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ROTARY SCREW COMPRESSOR WITH BELT DRIVEN (EEI 2)

Features and advantages



01

Superior Air Filter and Oil Filter

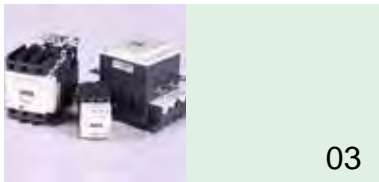
- Germany MANN brand air filter with two-stage dust removal and filtering system with efficiency of up to 99.9% even in heavy-duty environments
- Extends the service life of the compressor parts and components, ensures high air quality
- Germany MANN brand oil filter with excellent oil purification capability ensures a clean and safe oil system
- Long service period and easy filter change reduce maintenance costs.



02

Stainless Steel Oil Pipe and Air Pipe

- High temperature resistant (400 C = 752 F) and low temperature resistant (-270 C = -518 F), high pressure resistant
- Ultra-long life(80 years), completely leak free and maintenance free



03

Intelligent Control and Protection

- Schneider electrical elements with original package from Germany, safe and reliable
- Reasonable, simple and clear wiring, easy for maintenance
- Good protection function ensures the stable running of the compressor unit



04

Premium Efficiency Drive Motor

- Premium efficiency Totally Enclosed Fan Cooled (TEFC) IP54/IP55 motor (Class F insulation) protects against dust and chemicals etc.
- Long-term stable operation even in harsh environments up to 45 C (113 F)



Technical parameters

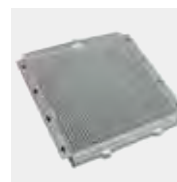
Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions(mm)			Weight (kg)	Noise level** (dB(A))	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H			
DA-5	7.5	109	0.86	30.4	5.5	7.5	Belt driven air cooling	800	800	900	300	62	G3/4
	8.5	123	0.79	27.9	5.5	7.5		800	800	900	300	62	G3/4
	10.5	152	0.65	23	5.5	7.5		800	800	900	300	62	G3/4
	13.0	189	0.45	15.9	5.5	7.5		800	800	900	300	62	G3/4
DA-7	7.5	109	1.19	42	7.5	10		800	800	900	350	62	G3/4
	8.5	123	1.08	38.1	7.5	10		800	800	900	350	62	G3/4
	10.5	152	0.95	33.5	7.5	10		800	800	900	350	62	G3/4
	13	189	0.7	24.7	7.5	10		800	800	900	350	62	G3/4
DA-11	7.5	109	1.64	57.9	11	15		800	850	1000	400	63	G3/4
	8.5	123	1.63	57.6	11	15		800	850	1000	400	63	G3/4
	10.5	152	1.47	51.9	11	15		800	850	1000	400	63	G3/4
	13	189	1.21	42.7	11	15		800	850	1000	400	63	G3/4
DA-15	7.5	109	2.2	77.7	15	20		1000	900	1150	450	63	G1
	8.5	123	2	70.6	15	20		1000	900	1150	450	63	G1
	10.5	152	1.8	63.6	15	20		1000	900	1150	450	63	G1
	13	189	1.6	56.5	15	20		1000	900	1150	450	63	G1
DA-18	7.5	109	3.2	113	18.5	25	1000	900	1150	500	65	G1	
	8.5	123	3	105.9	18.5	25	1000	900	1150	500	65	G1	
	10.5	152	2.7	95.3	18.5	25	1000	900	1150	500	65	G1	
	13	189	2.3	81.2	18.5	25	1000	900	1150	500	65	G1	



05

Belt Driven

Germany Optibelt brand belts ensure the high performance and easy maintenance



06

Efficient Radiator

High quality aluminum fins and copper coil materials with good thermal conductivity ensure the perfect cooling efficiency.



07

State-of-the-art Screw Element

- Original DENAIR air end
- Advanced SAP profile design
- The material of the rotors is American specialty steel
- Superior Sweden SKF element bearings

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions(mm)			Weight (kg)	Noise level** (dB(A))	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H			
DA-22	7.5	109	3.8	134.2	22	30	Belt driven air cooling	1200	1050	1300	550	65	G1-1/4
	8.5	123	3.6	127.1	22	30		1200	1050	1300	550	65	G1-1/4
	10.5	152	3.2	113	22	30		1200	1050	1300	550	65	G1-1/4
	13	189	2.8	98.9	22	30		1200	1050	1300	550	65	G1-1/4
DA-30	7.5	109	5.31	187.5	30	40		1200	1050	1300	600	65	G1-1/4
	8.5	123	5	176.6	30	40		1200	1050	1300	600	65	G1-1/4
	10.5	152	4.21	148.7	30	40		1200	1050	1300	600	65	G1-1/4
	13	189	3.75	132.4	30	40		1200	1050	1300	600	65	G1-1/4
DA-37	7.5	109	6.72	237.3	37	50		1200	1050	1300	650	65	G1-1/4
	8.5	123	6.25	220.7	37	50		1200	1050	1300	650	65	G1-1/4
	10.5	152	5.51	194.6	37	50		1200	1050	1300	650	65	G1-1/4
	13	189	4.43	156.4	37	50		1200	1050	1300	650	65	G1-1/4
DA-45	7.5	109	7.99	282.1	45	60		1350	1200	1500	800	68	G1-1/2
	8.5	123	7.25	256	45	60		1350	1200	1500	800	68	G1-1/2
	10.5	152	6.55	231.3	45	60		1350	1200	1500	800	68	G1-1/2
	13	189	5.65	199.5	45	60		1350	1200	1500	800	68	G1-1/2
DA-55	7.5	109	10.35	365.5	55	75	1200	1200	1500	850	68	G1-1/2	
	8.5	123	9.75	344.3	55	75	1200	1200	1500	850	68	G1-1/2	
	10.5	152	8.8	310.7	55	75	1200	1200	1500	850	68	G1-1/2	
	13	189	7.85	277.2	55	75	1200	1200	1500	850	68	G1-1/2	
DA-75	7.5	109	13.95	492.6	75	100	1500	1450	1600	1000	72	G2	
	8.5	123	12.98	458.3	75	100	1500	1450	1600	1000	72	G2	
	10.5	152	11.79	416.3	75	100	1500	1450	1600	1000	72	G2	
	13	189	10	353.1	75	100	1500	1450	1600	1000	72	G2	

*JFAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

** Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

ROTARY SCREW COMPRESSOR WITH DIRECT DRIVEN (EEI 1/EEI 2)

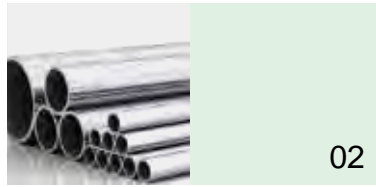
Features and advantages



01

Heavy-duty Oil Filter

- Germany MANN brand oil filter with excellent oil purification capability ensures a clean and safe oil system
- Long service period and easy filter change reduce maintenance costs.



02

Stainless Steel Oil Pipe and Air Pipe

- High temperature resistant (400 C = 752 F) and low temperature resistant (-270 C = -518 F), high pressure resistant
- Ultra-long life (80 years), completely leak free and maintenance free



03

Efficient Separation System

- Reduction of pressure drops and energy costs
- Low oil consumption ensures minimal maintenance costs and long compressor lifetime
- Quality air with low oil content:
 - three step air-oil separation (centrifuge, gravity, filter)
 - oil content: less than 3 ppm by weight
 - hinged cover for easy separator element change



04

State-of-the-art Screw Element

- Original DENAIR air end
- Advanced SAP profile design
- The material of the rotors is American specialty steel
- Superior Sweden SKF element bearings



Technical parameters for EEI 1

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions (mm)			Weight (kg)	Noise level** [dB(A)]	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H			
DA-15+	7.5	109	2.69	95	15	20	Direct driven air cooling	1350	800	1150	500	63	G1
	8.5	123	2.47	87.2	15	20		1350	800	1150	500	63	G1
	10.5	152	2.28	80.5	15	20		1350	800	1150	500	63	G1
	13	189	1.89	66.7	15	20		1350	800	1150	500	63	G1
DA-18+	7.5	109	3.31	116.9	18.5	25		1350	800	1150	600	65	G1
	8.5	123	3.2	113	18.5	25		1350	800	1150	600	65	G1
	10.5	152	2.8	98.9	18.5	25		1350	800	1150	600	65	G1
	13	189	2.4	84.7	18.5	25		1350	800	1150	600	65	G1
DA-22+	7.5	109	4.11	145.1	22	30		1350	800	1150	650	65	G1-1/4
	8.5	123	3.71	131	22	30		1350	800	1150	650	65	G1-1/4
	10.5	152	3.5	123.6	22	30		1350	800	1150	650	65	G1-1/4
	13	189	3.4	120.1	22	30		1350	800	1150	650	65	G1-1/4
DA-30+	7.5	109	6	211.9	30	40		1450	900	1200	650	65	G1-1/4
	8.5	123	5.71	201.6	30	40		1450	900	1200	650	65	G1-1/4
	10.5	152	4.9	173	30	40	1450	900	1200	650	65	G1-1/4	
	13	189	4	141.2	30	40	1450	900	1200	650	65	G1-1/4	
DA-37+	7.5	109	7.2	254.2	37	50	1600	1000	1400	800	65	G1-1/4	
	8.5	123	6.97	246.1	37	50	1600	1000	1400	800	65	G1-1/4	
	10.5	152	5.98	211.2	37	50	1600	1000	1400	800	65	G1-1/4	
	13	189	5.05	178.3	37	50	1600	1000	1400	800	65	G1-1/4	
DA-45+	7.5	109	8.79	310.4	45	60	1600	1000	1400	900	68	G1-1/2	
	8.5	123	7.97	281.4	45	60	1600	1000	1400	900	68	G1-1/2	
	10.5	152	7.31	258.1	45	60	1600	1000	1400	900	68	G1-1/2	
	13	189	6.08	214.7	45	60	1600	1000	1400	900	68	G1-1/2	
DA-55+	7.5	109	10.96	387	55	75	1800	1200	1400	1100	68	G2	
	8.5	123	10.45	369	55	75	1800	1200	1400	1100	68	G2	
	10.5	152	9.07	320.3	55	75	1800	1200	1400	1100	68	G2	
	13	189	8.18	288.8	55	75	1800	1200	1400	1100	68	G2	
DA-75+	7.5	109	14.62	516.2	75	100	1800	1200	1400	1350	72	G2	
	8.5	123	13.73	484.8	75	100	1800	1200	1400	1350	72	G2	
	10.5	152	12.15	429	75	100	1800	1200	1400	1350	72	G2	
	13	189	10.28	363	75	100	1800	1200	1400	1350	72	G2	



Premium Efficiency Drive Motor

- Premium efficiency Totally Enclosed Fan Cooled (TEFC) IP54/IP55 motor (Class F insulation) protects against dust and chemicals etc.
- Long-term stable operation even in harsh environments up to 45 C (113 F)



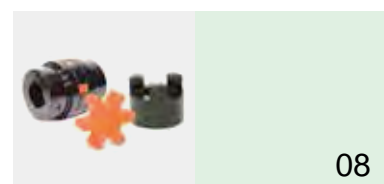
Superior Air Filter

- Germany MANN brand air filter with two-stage dust removal and filtering system with efficiency of up to 99.9% even in heavy-duty environments
- Extends the service life of the compressor parts and components, ensures high air quality



Efficient Radiator

High quality aluminum fins and copper coil materials with good thermal conductivity ensure the perfect cooling efficiency.



Energy-saving 1:1 Direct Driven design

Germany KTR brand maintenance-free coupling makes the motor drive the air end without transmission loss.

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions(mm)			Weight (kg)	Noise level** [dB(A)]	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H			
DA-90+	7.5	109	20.79	734.1	90	120	Direct driven air cooling/ W-Water cooling	2600	1600	1700	2000	72	DN50
	8.5	123	20.13	710.8	90	120							DN50
	10.5	152	17.42	615.1	90	120							DN50
	13	189	14.68	518.4	90	120							DN50
DA-110+	7.5	109	22.43	792	110	150		2800	1600	1900	2400	75	DN80
	8.5	123	21.19	748.2	110	150							DN80
	10.5	152	18.81	664.2	110	150							DN80
	13	189	16.48	581.9	110	150							DN80
DA-132+	7.5	109	26.79	946	132	175		2800	1600	2150	3500	75	DN80
	8.5	123	25.51	900.8	132	175							DN80
	10.5	152	22.72	802.2	132	175							DN80
	13	189	19.95	704.4	132	175							DN80
DA-160+	7.5	109	33.4	1179.4	160	215		3000	2050	2350	4500	78	DN80
	8.5	123	32.35	1142.3	160	215							DN80
	10.5	152	27	953.4	160	215							DN80
	13	189	21.95	775.1	160	215							DN80
DA-185+	7.5	109	40.35	1424.8	185	250	3000	2050	2350	4600	80	DN100	
	8.5	123	39.7	1401.8	185	250						DN100	
	10.5	152	35.9	1267.6	185	250						DN100	
	13	189	32.25	1138.7	185	250						DN100	
DA-200+ DA-200W+	7.5	109	42.92	1515.5	200	270	3300	2050	2350	4700	80	DN100	
	8.5	123	41.21	1455.1	200	270						DN100	
	10.5	152	37.12	1310.7	200	270						DN100	
	13	189	34.32	1211.8	200	270						DN100	
DA-220+ DA-220W+	7.5	109	48.82	1723.8	220	300	3300	2050	2350	4800	82	DN100	
	8.5	123	46.21	1631.7	220	300						DN100	
	10.5	152	41.26	1456.9	220	300						DN100	
	13	189	36.35	1283.5	220	300						DN100	
DA-250+ DA-250W+	7.5	109	54.55	1926.2	250	350	3300	2050	2350	5000	83	DN100	
	8.5	123	50.91	1797.6	250	350						DN100	
	10.5	152	45.09	1592.1	250	350						DN100	
	13	189	39.21	1384.5	250	350						DN100	

*FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

** Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

Technical parameters for EEI 2

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions(mm)			Weight (kg)	Noise level** [dB(A)]	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H			
DA-15	7.5	109	2.2	77.7	15	20	Direct driven air cooling	1350	800	1150	640	63	G1
	8.5	123	2	70.6	15	20		1350	800	1150	640		G1
	10.5	152	1.8	63.6	15	20		1350	800	1150	640		G1
	13	189	1.6	56.5	15	20		1350	800	1150	640		G1
DA-18	7.5	109	3.2	113	18.5	25		1350	800	1150	640	63	G1
	8.5	123	3	105.9	18.5	25		1350	800	1150	640		G1
	10.5	152	2.7	95.3	18.5	25		1350	800	1150	640		G1
	13	189	2.3	81.2	18.5	25		1350	800	1150	640		G1
DA-22	7.5	109	3.8	134.2	22	30		1350	800	1150	650	65	G1-1/4
	8.5	123	3.6	127.1	22	30		1350	800	1150	650		G1-1/4
	10.5	152	3.2	113	22	30		1350	800	1150	650		G1-1/4
	13	189	2.8	98.9	22	30		1350	800	1150	650		G1-1/4
DA-30	7.5	109	5.31	187.5	30	40		1450	900	1200	680	65	G1-1/4
	8.5	123	5	176.6	30	40		1450	900	1200	680		G1-1/4
	10.5	152	4.21	148.7	30	40		1450	900	1200	680		G1-1/4
	13	189	3.75	132.4	30	40		1450	900	1200	680		G1-1/4
DA-37	7.5	109	6.72	237.3	37	50		1600	1000	1400	800	65	G1-1/4
	8.5	123	6.25	220.7	37	50		1600	1000	1400	800		G1-1/4
	10.5	152	5.51	194.6	37	50		1600	1000	1400	800		G1-1/4
	13	189	4.43	156.4	37	50		1600	1000	1400	800		G1-1/4
DA-45	7.5	109	7.99	282.1	45	60	1600	1000	1400	900	68	G1-1/2	
	8.5	123	7.25	256	45	60	1600	1000	1400	900		G1-1/2	
	10.5	152	6.55	231.3	45	60	1600	1000	1400	900		G1-1/2	
	13	189	5.65	199.5	45	60	1600	1000	1400	900		G1-1/2	
DA-55	7.5	109	10.35	365.5	55	75	1800	1200	1400	1100	70	G2"	
	8.5	123	9.75	344.3	55	75	1800	1200	1400	1100		G2"	
	10.5	152	8.8	310.7	55	75	1800	1200	1400	1100		G2"	
	13	189	7.85	277.2	55	75	1800	1200	1400	1100		G2"	
DA-75	7.5	109	13.95	492.6	75	100	1800	1200	1400	1350	72	G2"	
	8.5	123	12.98	458.3	75	100	1800	1200	1400	1350		G2"	
	10.5	152	11.79	416.3	75	100	1800	1200	1400	1350		G2"	
	13	189	10	353.1	75	100	1800	1200	1400	1350		G2"	
DA-90	7.5	109	16.55	584.4	90	120	2150	1300	1550	1850	72	DN50	
	8.5	123	15.98	564.3	90	120	2150	1300	1550	1850		DN50	
	10.5	152	13.86	489.4	90	120	2150	1300	1550	1850		DN50	
	13	189	12.27	433.3	90	120	2150	1300	1550	1850		DN50	
DA-110	7.5	109	20.69	730.6	110	150	2450	1600	1700	2400	75	DN80	
	8.5	123	19.89	702.3	110	150	2450	1600	1700	2400		DN80	
	10.5	152	16.52	583.3	110	150	2450	1600	1700	2400		DN80	
	13	189	14.04	495.8	110	150	2450	1600	1700	2400		DN80	
DA-132	7.5	109	23.98	846.7	132	175	2450	1600	1700	2600	75	DN80	
	8.5	123	22.95	810.4	132	175	2450	1600	1700	2600		DN80	
	10.5	152	20.41	720.7	132	175	2450	1600	1700	2600		DN80	
	13	189	16.75	591.4	132	175	2450	1600	1700	2600		DN80	
DA-160	7.5	109	30.41	1073.8	160	215	2650	1600	1800	3200	75	DN80	
	8.5	123	28.12	992.9	160	215	2650	1600	1800	3200		DN80	
	10.5	152	23.36	824.8	160	215	2650	1600	1800	3200		DN80	
	13	189	19.5	688.5	160	215	2650	1600	1800	3200		DN80	

*FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

** Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

Technical parameters for EEI 2

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions(mm)			Weight (kg)	Noise level** [dB(A)]	Air outlet pipe diameter
	bar(e)	psig	m ³ /min	cfm	kW	hp		L	W	H			
DA-185 DA-185W	7.5	109	32.45	1145.8	185	250	Direct driven air cooling or water cooling	2650	1600	1800	3200	75	DN80
	8.5	123	30.12	1063.5	185	250		2650	1600	1800	3200	75	DN80
	10.5	152	27.45	969.3	185	250		2650	1600	1800	3200	75	DN80
	13	189	24.43	862.6	185	250		2650	1600	1800	3200	75	DN80
DA-200 DA-200W	7.5	109	34.78	1228.1	200	270		2800	1950	2000	3700	75	DN100
	8.5	123	31.98	1129.2	200	270		2800	1950	2000	3700	75	DN100
	10.5	152	27.95	986.9	200	270		2800	1950	2000	3700	75	DN100
	13	189	25.98	917.4	200	270		2800	1950	2000	3700	75	DN100
DA-220 DA-220W	7.5	109	36.97	1305.4	220	300		2800	1950	2000	4500	78	DN100
	8.5	123	34.46	1216.8	220	300		2800	1950	2000	4500	78	DN100
	10.5	152	31.48	1111.6	220	300		2800	1950	2000	4500	78	DN100
	13	189	28.45	1004.6	220	300		2800	1950	2000	4500	78	DN100
DA-250 DA-250W	7.5	109	41.97	1482	250	350		2800	1950	2000	5000	82	DN125
	8.5	123	40.75	1438.9	250	350		2800	1950	2000	5000	82	DN125
	10.5	152	38.39	1355.6	250	350		2800	1950	2000	5000	82	DN125
	13	189	35.1	1239.4	250	350		2800	1950	2000	5000	82	DN125
DA-280 DA-280W	7.5	109	50.68	1789.5	280	375	3500	2200	2450	5200	82	DN125	
	8.5	123	49.91	1762.3	280	375	3500	2200	2450	5200	82	DN125	
	10.5	152	41.97	1482	280	375	3500	2200	2450	5200	82	DN125	
	13	189	38.26	1351	280	375	3500	2200	2450	5200	82	DN125	
DA-315 DA-315W	7.5	109	58.21	2055.4	315	425	3500	2200	2450	5200	82	DN125	
	8.5	123	57.24	2021.1	315	425	3500	2200	2450	5200	82	DN125	
	10.5	152	47.74	1685.7	315	425	3500	2200	2450	5200	82	DN125	
	13	189	41.89	1479.1	315	425	3500	2200	2450	5200	82	DN125	
DA-355 DA-355W	7.5	109	63.97	2258.8	355	475	3800	2200	2550	5500	83	DN150	
	8.5	123	58.95	2081.5	355	475	3800	2200	2550	5500	83	DN150	
	10.5	152	53.78	1899	355	475	3800	2200	2550	5500	83	DN150	
	13	189	43.67	1542	355	475	3800	2200	2550	5500	83	DN150	
DA-375 DA-375W	7.5	109	66.36	2343.2	375	515	3800	2200	2550	5500	83	DN150	
	8.5	123	62.76	2216.1	375	515	3800	2200	2550	5500	83	DN150	
	10.5	152	56.49	1994.7	375	515	3800	2200	2550	5500	83	DN150	
	13	189	46.15	1629.6	375	515	3800	2200	2550	5500	83	DN150	
DA-400 DA-400W	7.5	109	69.66	2459.7	400	550	4000	2400	2550	6000	83	DN150	
	8.5	123	65.34	2307.2	400	550	4000	2400	2550	6000	83	DN150	
	10.5	152	59.15	2088.6	400	550	4000	2400	2550	6000	83	DN150	
	13	189	50.06	1767.6	400	550	4000	2400	2550	6000	83	DN150	

*FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

** Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

TANK MOUNTED ROTARY SCREW COMPRESSOR (EEI 1/EEI 2)



Technical parameters for EEI 1

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions (mm)			Weight kg	Noise level** [dB(A)]	Air tank capacity L	Air outlet pipe diameter
	bar(e)	psig	m ³ /min	cfm	kW	hp		L	W	H				
DA-15G+	7.5	109	2.69	95	15	20	Direct driven air cooling	1300	1150	1790	550	63	600	G1
	8.5	123	2.47	87.2	15	20		1300	1150	1790	550	63	600	G1
	10.5	152	2.28	80.5	15	20		1300	1150	1790	550	63	600	G1
	13	189	1.89	66.7	15	20		1300	1150	1790	550	63	600	G1
DA-18G+	7.5	109	3.31	116.9	18.5	25		1300	1150	1790	570	65	600	G1
	8.5	123	3.2	113	18.5	25		1300	1150	1790	570	65	600	G1
	10.5	152	2.8	98.9	18.5	25		1300	1150	1790	570	65	600	G1
	13	189	2.4	84.7	18.5	25		1300	1150	1790	570	65	600	G1
DA-22G+	7.5	109	4.11	145.1	22	30		1480	1300	2040	650	65	650	G1-1/4
	8.5	123	3.71	131	22	30		1480	1300	2040	650	65	650	G1-1/4
	10.5	152	3.5	123.6	22	30		1480	1300	2040	650	65	650	G1-1/4
	13	189	3.4	120.1	22	30		1480	1300	2040	650	65	650	G1-1/4
DA-30G+	7.5	109	6	211.9	30	40		1480	1300	2040	670	65	650	G1-1/4
	8.5	123	5.71	201.6	30	40		1480	1300	2040	670	65	650	G1-1/4
	10.5	152	4.9	173	30	40		1480	1300	2040	670	65	650	G1-1/4
	13	189	4	141.2	30	40		1480	1300	2040	670	65	650	G1-1/4
DA-37G+	7.5	109	7.2	254.2	37	50	1480	1300	2040	700	65	650	G1-1/4	
	8.5	123	6.97	246.1	37	50	1480	1300	2040	700	65	650	G1-1/4	
	10.5	152	5.98	211.2	37	50	1480	1300	2040	700	65	650	G1-1/4	
	13	189	5.05	178.3	37	50	1480	1300	2040	700	65	650	G1-1/4	

*FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20°C

**Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

Technical parameters for EEI 2

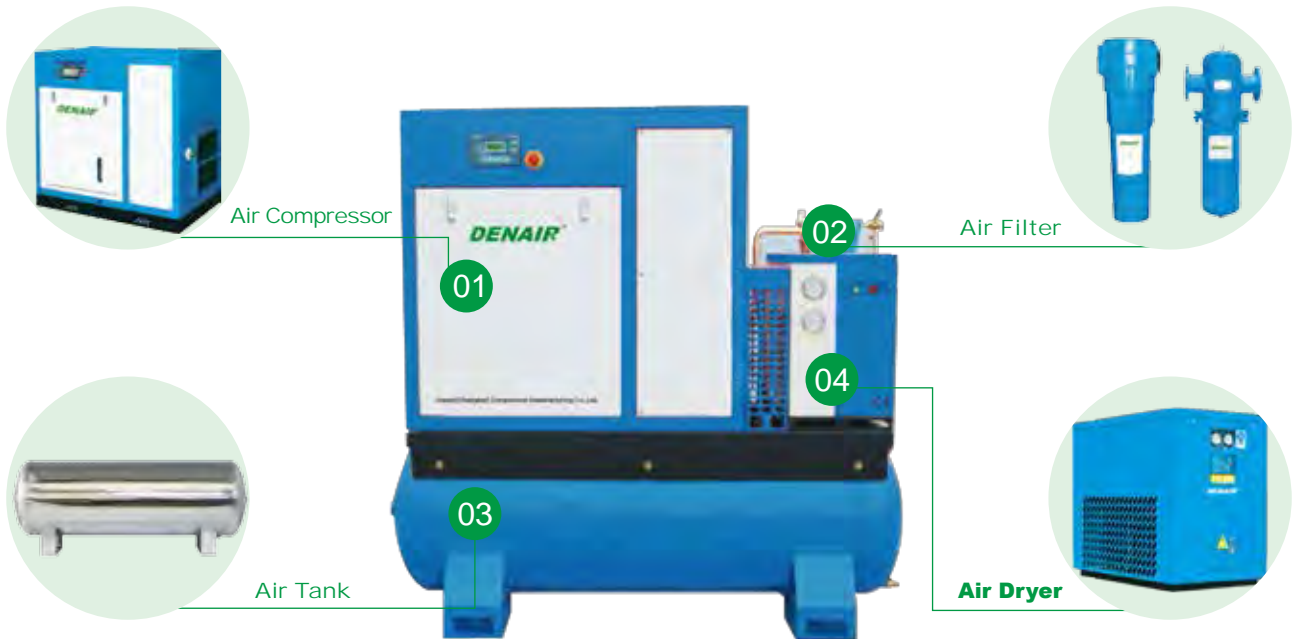
Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions (mm)			Weight kg	Noise level** [dB(A)]	Air tank capacity L	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H				
DA-5G	7.5	109	0.86	30.4	5.5	7.5	Belt driven air cooling	1150	800	1560	375	62	200	G3/4
	8.5	123	0.79	27.9	5.5	7.5		1150	800	1560	375	62	200	G3/4
	10.5	152	0.65	23	5.5	7.5		1150	800	1560	375	62	200	G3/4
	13	189	0.45	15.9	5.5	7.5		1150	800	1560	375	62	200	G3/4
DA-7G	7.5	109	1.19	42	7.5	10		1150	800	1560	425	62	200	G3/4
	8.5	123	1.08	38.1	7.5	10		1150	800	1560	425	62	200	G3/4
	10.5	152	0.95	33.5	7.5	10		1150	800	1560	425	62	200	G3/4
	13	189	0.7	24.7	7.5	10		1150	800	1560	425	62	200	G3/4
DA-11G	7.5	109	1.64	57.9	11	15		1250	850	1750	490	63	320	G3/4
	8.5	123	1.63	57.6	11	15		1250	850	1750	490	63	320	G3/4
	10.5	152	1.47	51.9	11	15		1250	850	1750	490	63	320	G3/4
	13	189	1.21	42.7	11	15		1250	850	1750	490	63	320	G3/4
DA-15G	7.5	109	2.1	74.2	15	20		1300	1150	1790	550	63	600	G1
	8.5	123	2	70.6	15	20		1300	1150	1790	550	63	600	G1
	10.5	152	1.8	63.6	15	20		1300	1150	1790	550	63	600	G1
	13	189	1.6	56.5	15	20		1300	1150	1790	550	63	600	G1
DA-18G	7.5	109	3.2	113	18.5	25	1300	1150	1790	570	65	600	G1	
	8.5	123	3	105.9	18.5	25	1300	1150	1790	570	65	600	G1	
	10.5	152	2.7	95.3	18.5	25	1300	1150	1790	570	65	600	G1	
	13	189	2.3	81.2	18.5	25	1300	1150	1790	570	65	600	G1	
DA-22G	7.5	109	3.8	134.2	22	30	1480	1300	2040	650	65	650	G1-1/4	
	8.5	123	3.6	127.1	22	30	1480	1300	2040	650	65	650	G1-1/4	
	10.5	152	3.2	113	22	30	1480	1300	2040	650	65	650	G1-1/4	
	13	189	2.8	98.9	22	30	1480	1300	2040	650	65	650	G1-1/4	
DA-30G	7.5	109	5.31	187.5	30	40	1480	1300	2040	670	65	650	G1-1/4	
	8.5	123	5	176.6	30	40	1480	1300	2040	670	65	650	G1-1/4	
	10.5	152	4.21	148.7	30	40	1480	1300	2040	670	65	650	G1-1/4	
	13	189	3.75	132.4	30	40	1480	1300	2040	670	65	650	G1-1/4	
DA-37G	7.5	109	6.72	237.3	37	50	1480	1300	2040	700	65	650	G1-1/4	
	8.5	123	6.25	220.7	37	50	1480	1300	2040	700	65	650	G1-1/4	
	10.5	152	5.51	194.6	37	50	1480	1300	2040	700	65	650	G1-1/4	
	13	189	4.43	156.4	37	50	1480	1300	2040	700	65	650	G1-1/4	

*)FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

**) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

FULL FEATURES ROTARY SCREW COMPRESSOR (EEI 1/ EEI 2)

Technical parameters for EEI 1



Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions (mm)			Weight kg	Noise level** [dB(A)]	Air tank capacity	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H			L	
DA-15LG+	7.5	109	2.69	95	15	20	Direct driven air cooling	2150	1000	1700	650	63	500	G1
	8.5	123	2.47	87.2	15	20		2150	1000	1700	650	63	500	G1
	10.5	152	2.28	80.5	15	20		2150	1000	1700	650	63	500	G1
	13	189	1.89	66.7	15	20		2150	1000	1700	650	63	500	G1
DA-18LG+	7.5	109	3.31	116.9	18.5	25		2150	1000	1700	670	65	600	G1
	8.5	123	3.2	113	18.5	25		2150	1000	1700	670	65	600	G1
	10.5	152	2.8	98.9	18.5	25		2150	1000	1700	670	65	600	G1
	13	189	2.4	84.7	18.5	25		2150	1000	1700	670	65	600	G1
DA-22LG+	7.5	109	4.11	145.1	22	30		2250	1200	1850	750	65	650	G1-1/4
	8.5	123	3.71	131	22	30		2250	1200	1850	750	65	650	G1-1/4
	10.5	152	3.5	123.6	22	30		2250	1200	1850	750	65	650	G1-1/4
	13	189	3.4	120.1	22	30		2250	1200	1850	750	65	650	G1-1/4
DA-30LG+	7.5	109	6	211.9	30	40		2300	1200	1950	850	65	840	G1-1/4
	8.5	123	5.71	201.6	30	40		2300	1200	1950	850	65	840	G1-1/4
	10.5	152	4.9	173	30	40		2300	1200	1950	850	65	840	G1-1/4
	13	189	4	141.2	30	40		2300	1200	1950	850	65	840	G1-1/4
DA-37LG+	7.5	109	7.2	254.2	37	50	2300	1200	1950	900	65	840	G1-1/4	
	8.5	123	6.97	246.1	37	50	2300	1200	1950	900	65	840	G1-1/4	
	10.5	152	5.98	211.2	37	50	2300	1200	1950	900	65	840	G1-1/4	
	13	189	5.05	178.3	37	50	2300	1200	1950	900	65	840	G1-1/4	

*FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

** Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

Technical parameters for EEI 2

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions (mm)			Weight kg	Noise level** [dB(A)]	Air tank capacity L	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H				
DA-5LG	7.5	109	0.86	30.4	5.5	7.5	Belt driven air cooling	1686	800	1285	450	62	200	G3/4
	8.5	123	0.79	27.9	5.5	7.5		1686	800	1285	450	62	200	G3/4
	10.5	152	0.65	23	5.5	7.5		1686	800	1285	450	62	200	G3/4
	13	189	0.45	15.9	5.5	7.5		1686	800	1285	450	62	200	G3/4
DA-7LG	7.5	109	1.19	42	7.5	10		1686	800	1285	475	62	200	G3/4
	8.5	123	1.08	38.1	7.5	10		1686	800	1285	475	62	200	G3/4
	10.5	152	0.95	33.5	7.5	10		1686	800	1285	475	62	200	G3/4
	13	189	0.7	24.7	7.5	10		1686	800	1285	475	62	200	G3/4
DA-11LG	7.5	109	1.64	57.9	11	15		1900	850	1450	600	63	250	G3/4
	8.5	123	1.63	57.6	11	15		1900	850	1450	600	63	250	G3/4
	10.5	152	1.47	51.9	11	15		1900	850	1450	600	63	250	G3/4
	13	189	1.21	42.7	11	15		1900	850	1450	600	63	250	G3/4
DA-15LG	7.5	109	2.1	74.2	15	20		2150	1000	1700	650	63	500	G1
	8.5	123	2	70.6	15	20		2150	1000	1700	650	63	500	G1
	10.5	152	1.8	63.6	15	20		2150	1000	1700	650	63	500	G1
	13	189	1.6	56.5	15	20		2150	1000	1700	650	63	500	G1
DA-18LG	7.5	109	3.2	113	18.5	25		2150	1000	1700	670	65	600	G1
	8.5	123	3	105.9	18.5	25		2150	1000	1700	670	65	600	G1
	10.5	152	2.7	95.3	18.5	25		2150	1000	1700	670	65	600	G1
	13	189	2.3	81.2	18.5	25		2150	1000	1700	670	65	600	G1
DA-22LG	7.5	109	3.8	134.2	22	30	2250	1200	1850	750	65	650	G1-1/4	
	8.5	123	3.6	127.1	22	30	2250	1200	1850	750	65	650	G1-1/4	
	10.5	152	3.2	113	22	30	2250	1200	1850	750	65	650	G1-1/4	
	13	189	2.8	98.9	22	30	2250	1200	1850	750	65	650	G1-1/4	
DA-30LG	7.5	109	5.31	187.5	30	40	2300	1200	1950	850	65	840	G1-1/4	
	8.5	123	5	176.6	30	40	2300	1200	1950	850	65	840	G1-1/4	
	10.5	152	4.21	148.7	30	40	2300	1200	1950	850	65	840	G1-1/4	
	13	189	3.75	132.4	30	40	2300	1200	1950	850	65	840	G1-1/4	
DA-37LG	7.5	109	6.72	237.3	37	50	2300	1200	1950	900	65	840	G1-1/4	
	8.5	123	6.25	220.7	37	50	2300	1200	1950	900	65	840	G1-1/4	
	10.5	152	5.51	194.6	37	50	2300	1200	1950	900	65	840	G1-1/4	
	13	189	4.43	156.4	37	50	2300	1200	1950	900	65	840	G1-1/4	

*)FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

**) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

HIGH PRESSURE ROTARY SCREW COMPRESSOR

Features and advantages



01

Two-Stage Rotary Screw Air End

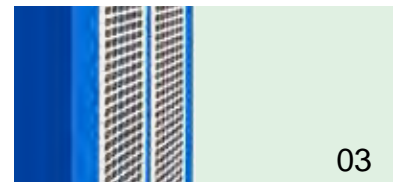
- Discharge pressure is up to 40 bar (=580 psig).
- Delivers 10-17% more air than a single-stage compressor with no additional power.
- Lower compression ratio in each stage reduces bearing loads and increases air end life.



02

Premium Efficiency Drive Motor

- Premium efficiency Totally Enclosed Fan Cooled (TEFC) IP54/IP55 motor (Class F insulation) protects against dust and chemicals etc.
- Long-term stable operation even in harsh environments up to 45 C (113 F)



03

Pre-Filter Design

- Most of the dust, oil, moisture etc. being removed increases air end, air filter and oil filter life.
- Large area of pre-filter ensures the cooling efficiency and air inlet capacity.
- Removable pre-filter is easy to clean.



04

Efficient Radiator

High quality aluminum fins and copper coil materials with good thermal conductivity ensure the perfect cooling efficiency.



05

Stainless Steel Oil Pipe and Air Pipe

- High temperature resistant (400 C = 752 F) and low temperature resistant (-270 C = -518 F), high pressure resistant
- Ultra-long life (80 years), completely leak free and maintenance free

Technical parameters

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions(mm)			Weight	Noise level**	Air outlet pipe
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H	(kg)	[dB(A)]	diameter
DAH-110-18	18	261	13.95	492.6	110	150	Direct driven air cooling/ W-Water cooling	2400	1600	1800	2650	85	DN50
DAH-132-18	18	261	16	565	132	175		2400	1600	1800	2900	85	DN50
DAH-160-18	18	261	21.98	776.1	160	215		2800	1700	1900	3800	88	DN80
DAH-185-18	18	261	24.5	865.1	185	250		2800	1700	1900	3800	88	DN80
DAH-200-18	18	261	28.15	994	200	270		3000	1950	2000	4300	88	DN80
DAH-220-18	18	261	29.89	1055.4	220	300		3000	1950	2000	4500	88	DN100
DAH-250-18	18	261	33.89	1196.7	250	350		3000	1950	2000	4900	88	DN100
DAH-280-18	18	261	34.15	1205.8	280	375		3000	1950	2000	5400	90	DN100
DAH-315W-18	18	261	40.1	1415.9	315	425		3700	2200	2100	5400	90	DN125
DAH-355W-18	18	261	45.02	1589.7	355	475		3700	2200	2100	5800	92	DN125
DAH-400W-18	18	261	48.67	1718.5	400	550		4000	2200	2100	5800	93	DN80
DAH-110-20	20	290	13.58	479.5	110	150		2400	1600	1800	2650	85	DN50
DAH-132-20	20	290	14.7	519.1	132	175		2400	1600	1800	2900	85	DN50
DAH-160-20	20	290	20	706.2	160	215		2800	1700	1900	3800	88	DN80
DAH-185-20	20	290	23	812.1	185	250		2800	1700	1900	3800	88	DN80
DAH-200-20	20	290	26.56	937.8	200	270		3000	1950	2000	4300	88	DN80
DAH-220-20	20	290	27.95	986.9	220	300		3000	1950	2000	4500	88	DN100
DAH-250-20	20	290	31.87	1125.3	250	350		3000	1950	2000	4900	88	DN100
DAH-280-20	20	290	31.95	1128.2	280	375		3000	1950	2000	5400	90	DN100
DAH-315W-20	20	290	32.98	1164.5	315	425		3700	2200	2100	5400	92	DN125
DAH-355W-20	20	290	35.25	1244.7	355	475		3700	2200	2100	5800	92	DN150
DAH-400W-20	20	290	40.15	1417.7	400	550		4000	2200	2100	6000	95	DN150
DAH-110-25	25	363	12.75	450.2	110	150		2400	1600	1800	2650	85	DN50
DAH-132-25	25	363	14	494.3	132	175		2400	1600	1800	2900	85	DN50
DAH-160-25	25	363	16	565	160	215		2800	1700	1900	3800	88	DN80
DAH-185-25	25	363	20	706.2	185	250		2800	1700	1900	3800	88	DN80
DAH-200-25	25	363	22.46	793.1	200	270		3000	1950	2000	4300	88	DN80
DAH-220-25	25	363	24.97	881.7	220	300		3000	1950	2000	4500	88	DN100
DAH-250-25	25	363	26.95	951.6	250	350		3000	1950	2000	4900	88	DN100
DAH-280-25	25	363	29.87	1054.7	280	375		3000	1950	2000	5400	90	DN100
DAH-315W-25	25	363	30.36	1072	315	425		3700	2200	2100	5800	92	DN125
DAH-355W-25	25	363	33.68	1189.2	355	475		4000	2200	2100	5800	93	DN125
DAH-400W-25	25	363	36.78	1298.7	400	550		4000	2200	2100	5800	95	DN125
DAH-450-25	25	363	45.69	1613.3	450	615		4200	2200	2100	6200	95	DN150
DAH-560-25	25	363	60.35	2131	560	765		4200	1800	2100	6200	95	DN150
DAH-110-30	30	435	11.98	423	110	150		2400	1600	1800	2650	85	DN50
DAH-132-30	30	435	13.3	469.6	132	175		2400	1600	1800	2900	85	DN50
DAH-110-35	35	508	11.19	395.1	110	150		2400	1600	1800	2650	85	DN50
DAH-132-35	35	508	12.6	444.9	132	175		2400	1600	1800	2900	85	DN50
DAH-110-40	40	580	10.56	372.9	110	150		2400	1600	1800	2650	85	DN50
DAH-132-40	40	580	12	423.7	132	175	2400	1600	1800	2900	85	DN50	

*FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

** Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

LOW PRESSURE ROTARY SCREW COMPRESSOR



Technical parameters

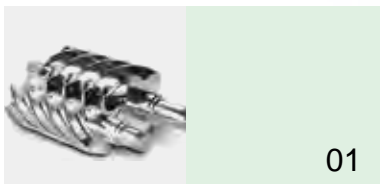
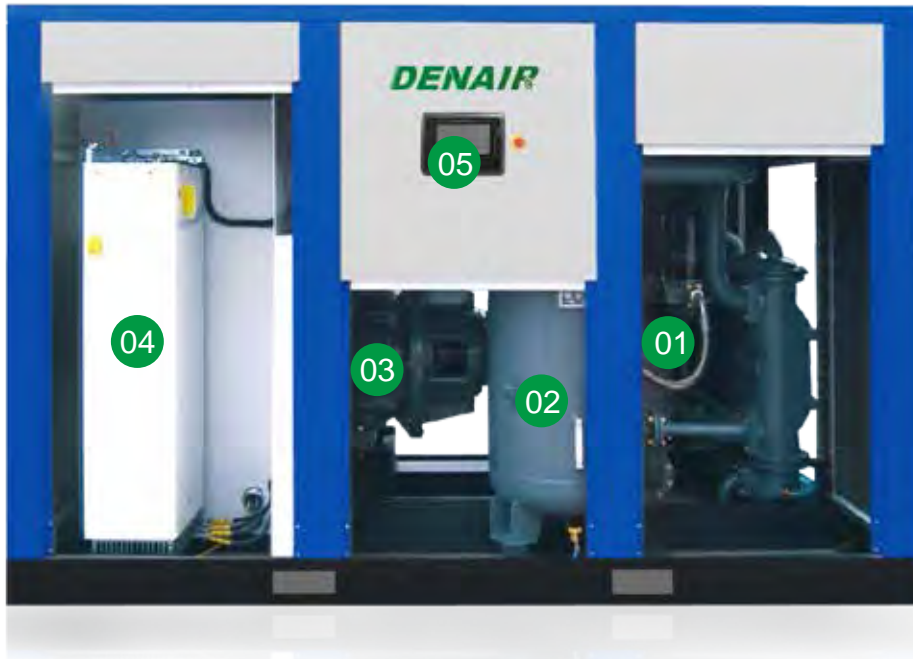
Type	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode	Cooling method	Dimensions (mm)			Weight (kg)	Noise level** [dB(A)]	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp			L	W	H			
DAL-22A-3	3	44	6.55	231.3	22	30	Direct driven A-Air cooling W-Water cooling	1450	975	1255	730	68	G1-1/4"	
DAL-30A-3			8.35	294.8	30	40		1650	1200	1350	860	68	G1-1/2"	
DAL-37A-3			10.7	377.8	37	50		1650	1200	1350	950	68	G1-1/2"	
DAL-45A-3			12.12	428	45	60		1700	1200	1350	1430	68	G2"	
DAL-55A-3			12.69	448.1	55	75		1900	1200	1350	1450	70	G2"	
DAL-75A-3			18.9	667.4	75	100		2150	1350	1650	2450	70	DN50	
DAL-90A/W-3			25.5	900.4	90	120		2600	1500	2000	2920	70	DN50	
DAL-110A/W-3			31.92	1127.1	110	150		2600	1500	2000	2950	70	DN80	
DAL-132A/W-3			39.58	1397.6	132	175		2600	1550	2000	3500	70	DN80	
DAL-160A/W-3			45.2	1596	160	215		2800	1950	2000	4140	72	DN100	
DAL-185A/W-3			50.2	1772.6	185	250		2800	1950	2000	4200	73	DN100	
DAL-200A/W-3			53.82	1900.4	200	270		3200	2200	2400	4720	75	DN125	
DAL-220A/W-3			55.8	1970.3	220	300		3300	2200	2400	4900	75	DN125	
DAL-250A/W-3			68.3	2411.7	250	350		3800	2300	2520	6530	78	DN125	
DAL-22A-4	4	58	6.5	229.5	22	30	1450	975	1255	730	68	G1 1/2"		
DAL-30A-4			7.45	263.1	30	40	1650	1200	1350	860	68	G1-1/2"		
DAL-37A-4			9.53	336.5	37	50	1650	1200	1350	950	68	G1-1/2"		
DAL-45A-4			11.23	396.5	45	60	1700	1200	1350	1430	68	G2"		
DAL-55A-4			11.71	413.5	55	75	1900	1200	1350	1450	70	G2"		
DAL-75A-4			15.9	561.4	75	100	2150	1350	1650	2450	70	DN50		
DAL-90A/W-4			25.2	889.8	90	120	2600	1500	2000	2920	65	DN50		
DAL-110A/W-4			32.15	1135.2	110	150	2600	1500	2000	2950	70	DN80		
DAL-132A/W-4			38.76	1368.6	132	175	2600	1550	2000	3500	70	DN80		
DAL-160A/W-4			40	1412.4	160	215	2800	1950	2000	4140	72	DN100		
DAL-185A/W-4			49.91	1762.3	185	250	2800	1950	2000	4200	73	DN100		
DAL-200A/W-4			52.97	1870.4	200	270	3200	2200	2400	4720	75	DN125		
DAL-220A/W-4			54.98	1941.3	220	300	3300	2200	2400	4900	75	DN125		
DAL-250A/W-4			62.1	2192.8	250	350	3800	2300	2520	6530	78	DN125		
DAL-22A-5	5	73	6.4	226	22	30	1450	975	1255	730	68	G1-1/4"		
DAL-30A-5			6.55	231.3	30	40	1650	1200	1350	860	68	G1-1/2"		
DAL-37A-5			8.35	294.8	37	50	1650	1200	1350	950	68	G1-1/2"		
DAL-45A-5			10.57	373.2	45	60	1700	1200	1350	1430	68	G2"		
DAL-55A-5			10.82	382.1	55	75	1900	1200	1350	1450	70	G2"		
DAL-75A-5			15.12	533.9	75	100	2150	1350	1650	2450	70	DN50		
DAL-90A/W-5			22.8	805.1	90	120	2600	1500	2000	2920	65	DN50		
DAL-110A/W-5			25.5	900.4	110	150	2600	1500	2000	2950	70	DN80		
DAL-132A/W-5			32.8	1158.2	132	175	2600	1550	2000	3500	70	DN80		
DAL-160A/W-5			39.87	1407.8	160	215	2800	1950	2000	4140	72	DN100		
DAL-185A/W-5			45.2	1596	185	250	2800	1950	2000	4200	73	DN100		
DAL-200A/W-5			47.53	1678.3	200	270	3200	2200	2400	4720	75	DN125		
DAL-220A/W-5			49.6	1751.4	220	300	3300	2200	2400	4900	75	DN125		
DAL-250A/W-5			55.9	1973.8	250	350	3800	2300	2520	6530	78	DN125		

*JFAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

***) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

VARIABLE SPEED DRIVE ROTARY SCREW COMPRESSOR

Features and advantages



State-of-the-art Screw Element

- Original DENAIR air end
- Advanced SAP profile design
- The material of the rotors is American specialty steel
- Superior Sweden SKF element bearings



Efficient Separation System

- Reduction of pressure drops and energy costs
- Low oil consumption ensures minimal maintenance costs and long lifetime
- Quality air with low oil content:
 - three step air-oil separation(centrifuge, gravity, filter)
 - oil content: less than 3 ppm by weight
 - hinged cover for easy separator element change



Stainless Steel Oil Pipe and Air Pipe

- High temperature resistant (400 C =752 F) and low temperature resistant(- 270 C = - 518 F), high pressure resistant
- Ultra-long life(80 years), completely leak free and maintenance free



Variable Speed Drive

Different variable speed drive brands available, such as ABB, Bosch, Inovance, INVT etc.



Touch Screen Controller

Smart touch screen controller with multi-language LCD available.

Technical parameters

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions(mm)			Weight (kg)	Noise level** [dB(A)]	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H			
DVA-15	7.5	109	1.1-2.1	38.8-74.2	15	20	Direct driven air cooling	1350	800	1150	520	63	G1"
	8.5	123	1-2	35.3-70.6	15	20		1350	800	1150	520	63	G1"
	10.5	152	0.9-1.8	31.8-63.6	15	20		1350	800	1150	520	63	G1"
	13	189	0.8-1.6	28.2-56.5	15	20		1350	800	1150	520	63	G1"
DVA-18	7.5	109	1.6-3.2	56.5-113	18.5	25		1350	800	1150	620	65	G1"
	8.5	123	1.5-3	53-105.9	18.5	25		1350	800	1150	620	65	G1"
	10.5	152	1.4-2.7	49.4-95.3	18.5	25		1350	800	1150	620	65	G1"
	13	189	1.2-2.3	42.4-81.2	18.5	25		1350	800	1150	620	65	G1"
DVA-22	7.5	109	1.9-3.8	67.1-134.2	22	30		1350	800	1150	670	65	G1 1/4"
	8.5	123	1.8-3.6	63.6-127.1	22	30		1350	800	1150	670	65	G1 1/4"
	10.5	152	1.6-3.2	56.5-113	22	30		1350	800	1150	670	65	G1 1/4"
	13	189	1.4-2.8	49.4-98.9	22	30		1350	800	1150	670	65	G1 1/4"
DVA-30	7.5	109	2.7-5.31	95.3-187.5	30	40		1450	900	1200	690	65	G1 1/4"
	8.5	123	2.5-5	88.3-176.6	30	40		1450	900	1200	690	65	G1 1/4"
	10.5	152	2.1-4.21	74.2-148.7	30	40		1450	900	1200	690	65	G1 1/4"
	13	189	1.9-3.75	67.1-132.4	30	40		1450	900	1200	690	65	G1 1/4"
DVA-37	7.5	109	3.4-6.72	120.1-237.3	37	50	1600	1000	1400	830	65	G1 1/4"	
	8.5	123	3.1-6.25	109.5-220.7	37	50	1600	1000	1400	830	65	G1 1/4"	
	10.5	152	2.8-5.51	98.9-194.6	37	50	1600	1000	1400	830	65	G1 1/4"	
	13	189	2.2-4.43	77.7-156.4	37	50	1600	1000	1400	830	65	G1 1/4"	
DVA-45	7.5	109	4-7.99	141.2-282.1	45	60	1600	1000	1400	940	68	G1 1/2"	
	8.5	123	3.6-7.25	127.1-256	45	60	1600	1000	1400	940	68	G1 1/2"	
	10.5	152	3.3-6.55	116.5-231.3	45	60	1600	1000	1400	940	68	G1 1/2"	
	13	189	2.8-5.65	98.9-199.5	45	60	1600	1000	1400	940	68	G1 1/2"	
DVA-55	7.5	109	5.2-10.35	183.6-365.5	55	75	1800	1200	1400	1150	68	G2"	
	8.5	123	4.9-9.75	173-344.3	55	75	1800	1200	1400	1150	68	G2"	
	10.5	152	4.4-8.8	155.4-310.7	55	75	1800	1200	1400	1150	68	G2"	
	13	189	3.9-7.85	137.7-277.2	55	75	1800	1200	1400	1150	68	G2"	
DVA-75	7.5	109	7-13.95	247.2-492.6	75	100	1800	1200	1400	1400	72	G2"	
	8.5	123	6.5-12.98	229.5-458.3	75	100	1800	1200	1400	1400	72	G2"	
	10.5	152	5.9-11.79	208.3-416.3	75	100	1800	1200	1400	1400	72	G2"	
	13	189	5-10	176.6-353.1	75	100	1800	1200	1400	1400	72	G2"	

*)FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

**) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

Technical parameters

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving mode & Cooling method	Dimensions(mm)			Weight (kg)	Noise level** [dB(A)]	Air outlet pipe diameter
	bar(e)	psig	m ³ /min	cfm	kW	hp		L	W	H			
DVA-90	7.5	109	8.3-16.55	293.1-584.4	90	120	Direct driven air cooling	2150	1300	1550	1900	72	DN50
	8.5	123	8-15.98	282.5-564.3	90	120		2150	1300	1550	1900	72	DN50
	10.5	152	6.9-13.86	243.6-489.4	90	120		2150	1300	1550	1900	72	DN50
	13	189	6.1-12.27	215.4-433.3	90	120		2150	1300	1550	1900	72	DN50
DVA-110	7.5	109	10.3-20.69	363.7-730.6	110	150		2450	1600	1700	2450	75	DN80
	8.5	123	9.9-19.89	349.6-702.3	110	150		2450	1600	1700	2450	75	DN80
	10.5	152	8.3-16.52	293.1-583.3	110	150		2450	1600	1700	2450	75	DN80
	13	189	7-14.04	247.2-495.8	110	150		2450	1600	1700	2450	75	DN80
DVA-132	7.5	109	12-23.98	423.7-846.7	132	175		2450	1600	1700	2670	75	DN80
	8.5	123	11.5-22.95	406.1-810.4	132	175		2450	1600	1700	2670	75	DN80
	10.5	152	10.2-20.41	360.2-720.7	132	175		2450	1600	1700	2670	75	DN80
	13	189	8.4-16.75	296.6-591.4	132	175		2450	1600	1700	2670	75	DN80
DVA-160	7.5	109	15.2-30.41	536.7-1073.8	160	215		2650	1600	1800	3250	78	DN80
	8.5	123	14.1-28.12	497.9-992.9	160	215		2650	1600	1800	3250	78	DN80
	10.5	152	11.7-23.36	413.1-824.8	160	215		2650	1600	1800	3250	78	DN80
	13	189	9.8-19.5	346-688.5	160	215		2650	1600	1800	3250	78	DN80
DVA-185 DVA185W	7.5	109	16.2-32.45	572-1145.8	185	250	2650	1600	1800	3250	78	DN80	
	8.5	123	15.1-30.12	533.2-1063.5	185	250	2650	1600	1800	3250	78	DN80	
	10.5	152	13.7-27.45	483.7-969.3	185	250	2650	1600	1800	3250	78	DN80	
	13	189	12.2-24.43	430.8-862.6	185	250	2650	1600	1800	3250	78	DN80	
DVA-200 DVA-200W	7.5	109	17.4-34.78	614.4-1228.1	200	270	2800	1950	2000	3850	82	DN100	
	8.5	123	16-31.98	565-1129.2	200	270	2800	1950	2000	3850	82	DN100	
	10.5	152	14-27.95	494.3-986.9	200	270	2800	1950	2000	3850	82	DN100	
	13	189	13-25.98	459-917.4	200	270	2800	1950	2000	3850	82	DN100	
DVA-220 DVA220W	7.5	109	18.5-36.97	653.2-1305.4	220	300	2800	1950	2000	4600	82	DN100	
	8.5	123	17.2-34.46	607.3-1216.8	220	300	2800	1950	2000	4600	82	DN100	
	10.5	152	15.7-31.48	554.4-1111.6	220	300	2800	1950	2000	4600	82	DN100	
	13	189	14.2-28.45	501.4-1004.6	220	300	2800	1950	2000	4600	82	DN100	
DVA-250 DVA-250W	7.5	109	21-41.97	741.5-1482	250	350	2800	1950	2000	5100	82	DN100	
	8.5	123	20.4-40.75	720.3-1438.9	250	350	2800	1950	2000	5100	82	DN100	
	10.5	152	19.2-38.39	678-1355.6	250	350	2800	1950	2000	5100	82	DN100	
	13	189	17.6-35.1	621.5-1239.4	250	350	2800	1950	2000	5100	82	DN100	

*)FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

**) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)

PERMANENT MAGNETIC VARIABLE SPEED DRIVE SCREW COMPRESSOR

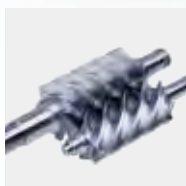
Features and advantages



01

Permanent Magnet Efficient Motor

- No sparks → safer in explosive environments
- Cleaner, faster, more efficient
- Less noisy, more reliable
- Designed for high-performance servo applications



02

State-of-the-art Screw Element

- Original DENAIR air end
- Advanced SAP profile design
- The material of the rotors is American specialty steel
- Superior Sweden SKF element bearings



03

Touch Screen Controller

- Smart touch screen controller with multi-language LCD available.



04

Efficient Separation System

- Reduction of pressure drops and energy costs
- Low oil consumption ensures minimal maintenance costs and long compressor lifetime
- Quality air with low oil content:
 - three step air-oil separation (centrifuge, gravity, filter)
 - oil content: less than 3 ppm by weight
 - hinged cover for easy separator element change



05

Superior Air Filter

- Germany MANN brand air filter with two-stage dust removal and filtering system with efficiency of up to 99.9% even in heavy-duty environments
- Extends the service life of the compressor parts and components, ensures high air quality



06

Centrifugal Fan

- First-rate energy efficiency
- Enhanced durability
- Ability to restrict overloading

Technical parameters

Model	Maximum working pressure		Capacity FAD*		Installed motor power		Driving Mode & Cooling Method	Dimensions(mm)			Weight (kg)	Noise level** [dB(A)]	Air outlet pipe diameter
	bar(e)	psig	m³/min	cfm	kW	hp		L	W	H			
DAV-15+	7.5	109	0.8-2.4	28.2-84.7	15	20	Direct Driven Air Cooling	1000	900	1150	430	63	G1"
	8.5	123	0.78-2.3	27.5-81.2	15	20		1000	900	1150	430	63	G1"
	10.5	152	0.77-2.05	27.2-72.4	15	20		1000	900	1150	430	63	G1"
	13	189	0.76-1.78	26.8-62.9	15	20		1000	900	1150	430	63	G1"
DAV-18+	7.5	109	0.89-3.2	31.4-113	18.5	25		1000	900	1150	485	65	G1"
	8.5	123	0.87-3	30.7-105.9	18.5	25		1000	900	1150	485	65	G1"
	10.5	152	0.85-2.7	30-95.3	18.5	25		1000	900	1150	485	65	G1"
	13	189	0.84-2.3	29.7-81.2	18.5	25		1000	900	1150	485	65	G1"
DAV-22+	7.5	109	1.14-3.8	40.3-134.2	22	30		1050	1200	1300	540	65	G1 1/4"
	8.5	123	1.37-3.6	48.4-127.1	22	30		1050	1200	1300	540	65	G1 1/4"
	10.5	152	1.21-3.2	42.7-113	22	30		1050	1200	1300	540	65	G1 1/4"
	13	189	0.86-2.8	30.4-98.9	22	30		1050	1200	1300	540	65	G1 1/4"
DAV-30+	7.5	109	1.54-5.4	54.4-190.7	30	40		1050	1200	1300	560	65	G1 1/4"
	8.5	123	1.54-5.1	54.4-180.1	30	40		1050	1200	1300	560	65	G1 1/4"
	10.5	152	1.27-4.25	44.8-150.1	30	40		1050	1200	1300	560	65	G1 1/4"
	13	189	1.43-3.75	50.5-132.4	30	40		1050	1200	1300	560	65	G1 1/4"
DAV-37+	7.5	109	2.59-6.8	91.5-240.1	37	50		1050	1200	1300	600	65	G1 1/4"
	8.5	123	2.51-6.28	88.6-221.7	37	50		1050	1200	1300	600	65	G1 1/4"
	10.5	152	2.35-5.6	83-197.7	37	50		1050	1200	1300	600	65	G1 1/4"
	13	189	1.41-4.6	49.8-162.4	37	50		1050	1200	1300	600	65	G1 1/4"
DAV-45+	7.5	109	2.34-7.8	82.6-275.4	45	60		1200	1350	1500	730	68	G1 1/2"
	8.5	123	2.5-7.3	88.3-257.8	45	60		1200	1350	1500	730	68	G1 1/2"
	10.5	152	2.51-6.6	88.6-233	45	60		1200	1350	1500	730	68	G1 1/2"
	13	189	2.28-5.7	80.5-201.3	45	60		1200	1350	1500	730	68	G1 1/2"
DAV-55+	7.5	109	3.23-10.5	114.1-370.8	55	75		1200	1350	1500	800	68	G2"
	8.5	123	3.14-9.8	110.9-346	55	75		1200	1350	1500	800	68	G2"
	10.5	152	3.11-8.8	109.8-310.7	55	75		1200	1350	1500	800	68	G2"
	13	189	2.82-8	99.6-282.5	55	75		1200	1350	1500	800	68	G2"
DAV-75+	7.5	109	4.34-14.1	153.2-497.9	75	100	1500	1400	1400	1100	72	G2"	
	8.5	123	4.09-13.3	144.4-469.6	75	100	1500	1400	1400	1100	72	G2"	
	10.5	152	4.1-11.8	144.8-416.7	75	100	1500	1400	1400	1100	72	G2"	
	13	189	3.07-10	108.4-353.1	75	100	1500	1400	1400	1100	72	G2"	
DAV-90+	7.5	109	6.64-16.6	234.5-586.1	90	120	1800	1200	1400	1700	72	DN50	
	8.5	123	6.77-16.1	239-568.5	90	120	1800	1200	1400	1700	72	DN50	
	10.5	152	5.29-13.9	186.8-490.8	90	120	1800	1200	1400	1700	72	DN50	
	13	189	5.36-12.3	189.3-434.3	90	120	1800	1200	1400	1700	72	DN50	
DAV-110+	7.5	109	10.5-21	370.8-741.5	110	150	2000	2000	1800	1950	75	DN80	
	8.5	123	10-20	353.1-706.2	110	150	2000	2000	1800	1950	75	DN80	
	10.5	152	8.5-17	300.1-600.3	110	150	2000	2000	1800	1950	75	DN80	
	13	189	7.4-14.8	261.3-522.6	110	150	2000	2000	1800	1950	75	DN80	
DAV-132+	7.5	109	9.64-24.1	340.4-851	132	175	2000	2000	1800	2190	75	DN80	
	8.5	123	9.2-23	324.9-812.1	132	175	2000	2000	1800	2190	75	DN80	
	10.5	152	8.2-20.5	289.5-723.9	132	175	2000	2000	1800	2190	75	DN80	
	13	189	6.72-16.8	237.3-593.2	132	175	2000	2000	1800	2190	75	DN80	
DAV-160+	7.5	109	11.87-32.17	419.1-1135.9	160	215	2200	2100	2000	2390	78	DN80	
	8.5	123	11.15-29.96	393.7-1057.9	160	215	2200	2100	2000	2390	78	DN80	
	10.5	152	9.02-25.63	318.5-905	160	215	2200	2100	2000	2390	78	DN80	
	13	189	7.56-20.15	266.9-711.5	160	215	2200	2100	2000	2390	78	DN80	

*)FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

**) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ± 3 dB(A)



P-DNR201706-01 Specifications are subject to change without prior notice.
Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.



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