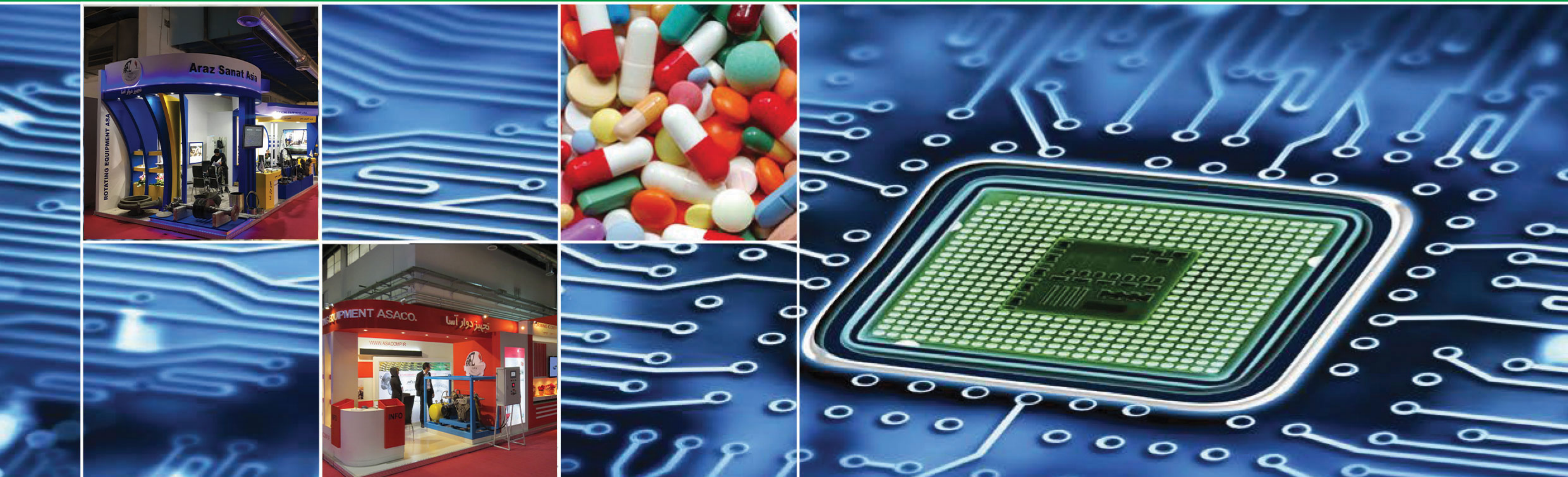




ASA Company

Oil free & Oil injected & Portable



OIL FREE SCROLL AIR COMPRESSOR

Features and advantages

Mute, clean, energy saving and efficient.

100% oil free (class 0).

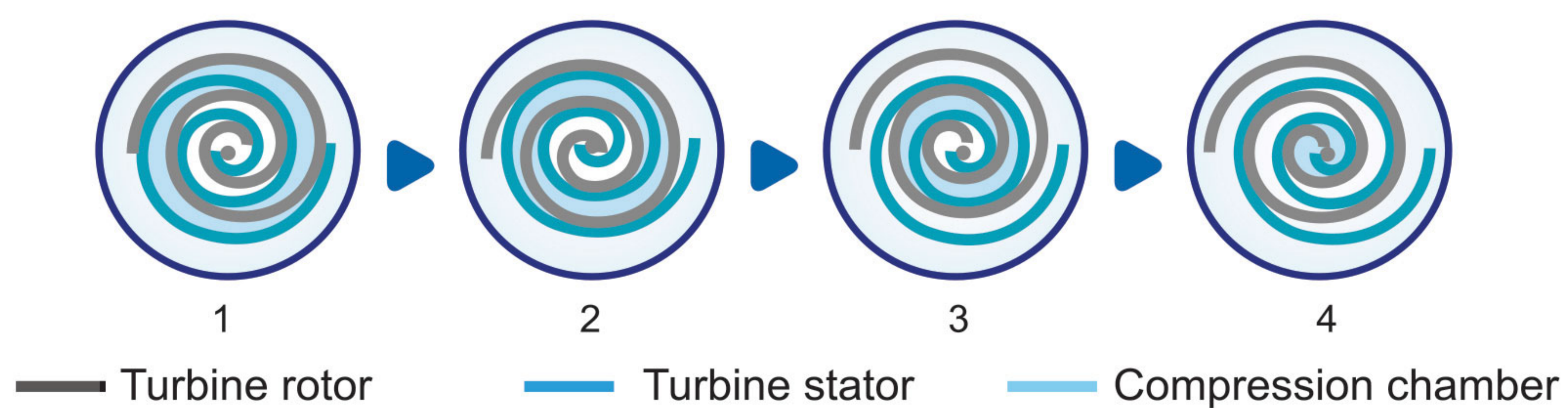
Delivers 11-15% more air compared to similar designs with no additional power.

Better in durability and longevity.



Working principle

The turbine rotor turns in sequence of Picture 1→2→3→4, air is sucked into the space between turbine stator and turbine rotor, the volume of crescent-shaped (in point symmetry) compression chamber gradually decreases, compressed air is discharged through air outlet of central portion.



Technical parameters

Type	Maximum working pressure		Capacity FAD*				Installed motor power		No of air end	Air outlet pipe diameter	Noise Level**	Dimensions(mm)			Weight
			50 Hz		60 Hz							L	W	H	
	bar(e)	psig	m ³ /min	cfm	m ³ /min	cfm	kW	hp	Units	inch	[dB(A)]				kg
DWW-3	7.5	109	0.42	15	0.42	15	3.7	5	1	G1/2"	52	1000	720	680	195
	8.5	123	0.40	14	0.40	14	3.7	5		G1/2"	52	1000	720	680	195
	10.5	152	0.37	13	0.37	13	3.7	5		G1/2"	52	1000	720	680	195
DWW-5	7.5	109	0.60	21	0.60	21	5.5	7.5	2	G1"	54	1000	720	990	285
	8.5	123	0.57	20	0.57	20	5.5	7.5		G1"	54	1000	720	990	285
	10.5	152	0.53	19	0.53	19	5.5	7.5		G1"	54	1000	720	990	285
DWW-7	7.5	109	0.84	30	0.84	30	7.5	10	2	G1"	56	1000	720	990	285
	8.5	123	0.80	28	0.80	28	7.5	10		G1"	56	1000	720	990	285
	10.5	152	0.73	26	0.73	26	7.5	10		G1"	56	1000	720	990	285
DWW-11	7.5	109	1.26	44	1.26	44	11	15	3	G1"	59	1000	720	1340	395
	8.5	123	1.20	42	1.20	42	11	15		G1"	59	1000	720	1340	395
	10.5	152	1.10	39	1.10	39	11	15		G1"	59	1000	720	1340	395

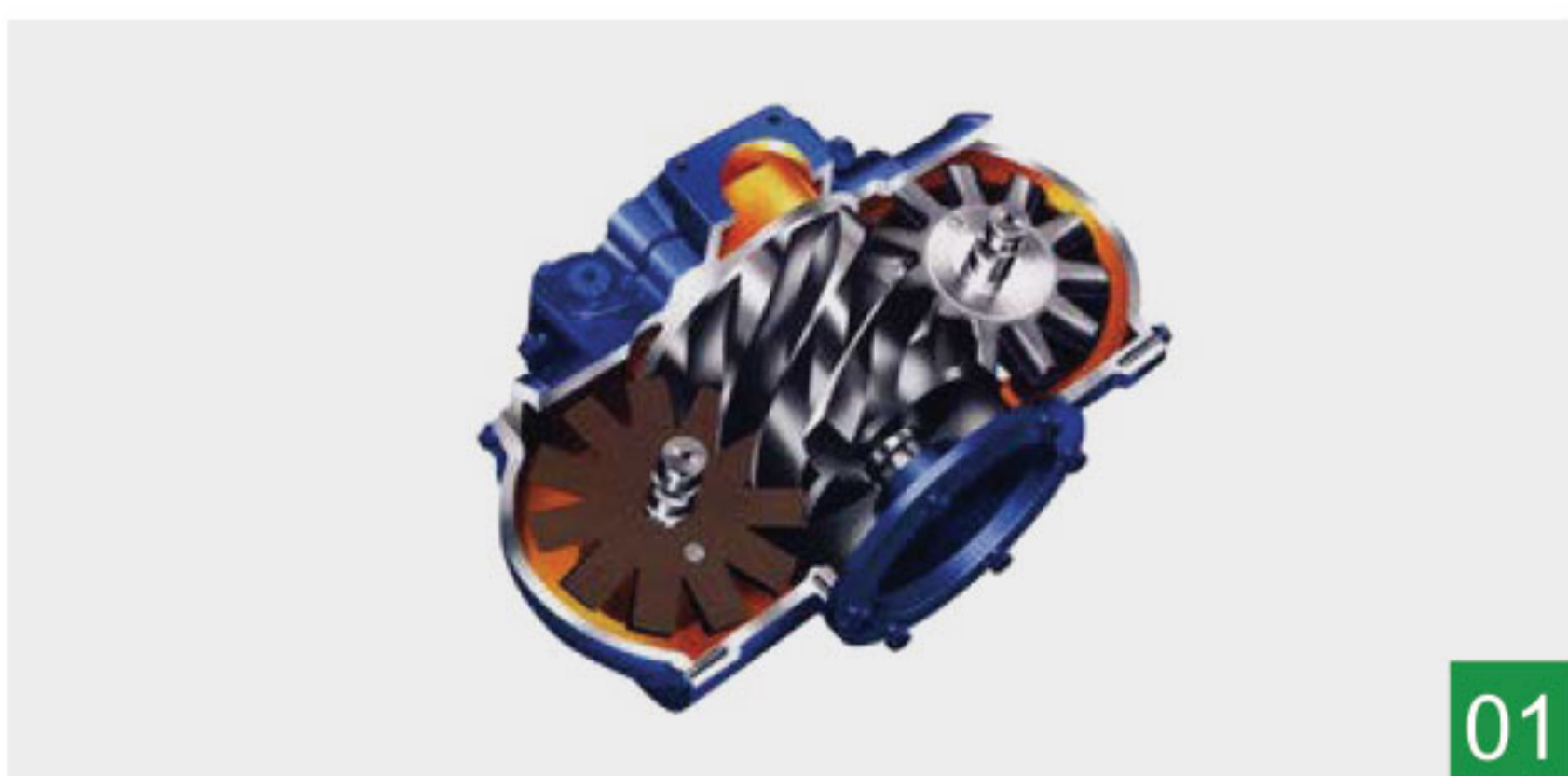
*) FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

**) 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)

Specifications are subject to change without notice.

WATER INJECTED OIL FREE SCREW AIR COMPRESSOR(VSD)

Features and advantages



01

State-of-the-art Screw Element

- Original GHH air end
- Single screw with star wheel design



02

Electrical Components

Schneider electrical elements with original package from France, safe and reliable.



03

Compressed Air Vessel

High quality stainless steel material, reduction of pressure drops and energy costs.



04

Touch Screen Controller

Smart touch screen controller with multi-language LCD available.



05

Water Filter

High quality stainless steel material, separate the compressed air and water efficiently.



06

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	Noise level**	Dimensions(mm)			Weight	Air outlet pipe diameter
			50 Hz				60 Hz								L	W	H		
	bar(e)	psig	Min. m³/min	Max. m³/min	Min. cfm	Max. cfm	Min. m³/min	Max. m³/min	Min. cfm	Max. cfm	kW	hp						[dB(A)]	kg
DVAW-15	7.5	109	1.00	2.00	36	71	1.00	2.00	36	71	15	20	Direct Driven Air Cooling W-Water Cooling	63	1200	900	1200	650	G1"
	8.5	123	0.97	1.94	35	69	0.97	1.94	35	69	15	20		63	1600	1100	1500	650	G1"
	10.5	152	0.83	1.66	30	59	0.83	1.66	30	59	15	20		63	1200	900	1200	650	G1"
DVAW-18	7.5	109	1.41	2.81	50	99	1.41	2.81	50	99	18.5	25		66	1600	1100	1500	800	G1"
	8.5	123	1.35	2.70	48	95	1.35	2.70	48	95	18.5	25		66	1600	1100	1500	800	G1"
	10.5	152	1.10	2.19	39	77	1.10	2.19	39	77	18.5	25		66	1600	1100	1500	800	G1"
DVAW-22	7.5	109	1.74	3.48	62	123	1.74	3.48	62	123	22	30		66	1600	1100	1500	850	G1"
	8.5	123	1.73	3.46	61	122	1.73	3.46	61	122	22	30		66	1600	1100	1500	850	G1"
	10.5	152	1.36	2.73	48	96	1.36	2.73	48	96	22	30		66	1600	1100	1500	850	G1"
DVAW-30	7.5	109	2.64	5.27	93	186	2.64	5.27	93	186	30	40		69	1600	1100	1500	920	G1-1/2"
	8.5	123	2.58	5.15	91	182	2.58	5.15	91	182	30	40		69	1600	1100	1500	920	G1-1/2"
	10.5	152	1.78	3.55	63	125	1.78	3.55	63	125	30	40		69	1600	1100	1500	920	G1-1/2"
DVAW-37	7.5	109	3.25	6.50	115	229	3.25	6.50	115	229	37	50		69	1600	1100	1500	950	G1-1/2"
	8.5	123	3.13	6.26	111	221	3.13	6.26	111	221	37	50		69	1600	1100	1500	950	G1-1/2"
	10.5	152	2.61	5.21	92	184	2.61	5.21	92	184	37	50		69	1600	1100	1500	950	G1-1/2"
DVAW-45W	7.5	109	4.10	8.20	145	289	4.10	8.20	145	289	45	60	66	2200	1400	1800	1500	DN50	
	8.5	123	3.90	7.81	138	276	3.90	7.81	138	276	45	60	66	2200	1400	1800	1500	DN50	
	10.5	152	3.12	6.23	110	220	3.12	6.23	110	220	45	60	66	2200	1400	1800	1500	DN50	
DVAW-55W	7.5	109	4.66	9.32	165	329	4.66	9.32	165	329	55	75	66	2200	1400	1800	1600	DN50	
	8.5	123	4.43	8.86	157	313	4.43	8.86	157	313	55	75	66	2200	1400	1800	1600	DN50	
	10.5	152	3.89	7.78	138	275	3.89	7.78	138	275	55	75	66	2200	1400	1800	1600	DN50	
DVAW-75W	7.5	109	6.21	12.41	219	438	6.21	12.41	219	438	75	100	71	2200	1400	1800	1750	DN50	
	8.5	123	6.20	12.39	219	438	6.20	12.39	219	438	75	100	71	2200	1400	1800	1750	DN50	
	10.5	152	5.23	10.45	185	369	5.23	10.45	185	369	75	100	71	2200	1400	1800	1750	DN50	
DVAW-90W	7.5	109	8.24	16.48	291	582	8.24	16.48	291	582	90	120	73	2400	1700	1800	2300	DN65	
	8.5	123	8.18	16.36	289	578	8.18	16.36	289	578	90	120	73	2400	1700	1800	2300	DN65	
	10.5	152	6.41	12.82	227	453	6.41	12.82	227	453	90	120	73	2400	1700	1800	2200	DN65	
DVAW-110W	7.5	109	10.22	20.45	361	722	10.22	20.45	361	722	110	150	73	2400	1700	1800	2800	DN65	
	8.5	123	9.91	19.82	350	700	9.91	19.82	350	700	110	150	73	2400	1700	1800	2800	DN65	
	10.5	152	7.78	15.55	275	549	7.78	15.55	275	549	110	150	73	2400	1700	1800	2600	DN65	
DVAW-132W	7.5	109	11.00	21.99	389	776	11.00	21.99	389	776	132	175	76	2400	1700	1800	3200	DN65	
	8.5	123	10.97	21.94	388	775	10.97	21.94	388	775	132	175	76	2400	1700	1800	3200	DN65	
	10.5	152	9.89	19.79	350	699	9.89	19.79	350	699	132	175	76	2400	1700	1800	3000	DN65	

*) 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)

Specifications are subject to change without notice.

DRY TYPE OIL FREE SCREW AIR COMPRESSOR

Features and advantages



01

State-of-the-art Screw Element

- Original Germany GHH air end
- Double stage compression
- Superior Sweden SKF element bearings



02

Advanced Touch Screen Controller and Monitoring System

- Overall system performance status with pro-active service indications, alarms for malfunctions and safety shutdowns
- All monitoring and control functions via one interface, multi-language LCD available.
- Wide communication possibilities



03

Electrical Components

Schneider electrical elements with original package from France, safe and reliable.



04

Stainless Steel Oil Pipe and Air Pipe

- High temperature resistant ($400^{\circ}\text{C}=752^{\circ}\text{F}$) and low temperature resistant ($-270^{\circ}\text{C}=-518^{\circ}\text{F}$), high pressure resistant
- Ultra-long life (80 years), completely leak free and maintenance free



05

Superior Air Filter

- Superior 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

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 55°C (131°F)

Technical parameters for 7-10 bar models

Model	Maximum working pressure		Capacity FAD*				Installed motor power		Cooling Method	Noise level** [dB(A)]	Dimensions(mm)			Weight kg	Air outlet pipe diameter
			50 Hz		60 Hz						L	W	H		
	bar(e)	psig	m ³ /min	cfm	m ³ /min	cfm	kW	hp							
DWW-55	7	102	9.35	330	8.06	285	55	75	Air Cooling W-Water Cooling	74	2000	1200	1650	1900	G1-1/2"
	8	116	9.17	324	8.04	284	55	75		74	2000	1200	1650	1900	G1-1/2"
	10	145	8.11	286	7.05	249	55	75		74	2000	1200	1650	1900	G1-1/2"
DWW-55W	7	102	9.35	330	8.06	285	55	75		74	2000	1200	1650	1800	G1-1/2"
	8	116	9.17	324	8.04	284	55	75		74	2000	1200	1650	1800	G1-1/2"
	10	145	8.11	286	7.05	249	55	75		74	2000	1200	1650	1800	G1-1/2"
DWW-75	7	102	12.71	449	11.56	408	75	100		74	2000	1200	1650	2100	DN50
	8	116	11.78	416	11.53	407	75	100		74	2000	1200	1650	2100	DN50
	10	145	11.57	409	10.11	357	75	100		74	2000	1200	1650	2100	DN50
DWW-75W	7	102	12.71	449	11.56	408	75	100		74	2000	1200	1650	2000	DN50
	8	116	11.78	416	11.53	407	75	100		74	2000	1200	1650	2000	DN50
	10	145	11.57	409	10.11	357	75	100		74	2000	1200	1650	2000	DN50
DWW-90	7	102	14.60	515	13.61	480	90	120		76	2800	1800	1860	2800	DN50
	8	116	14.32	506	13.47	476	90	120		76	2800	1800	1860	2800	DN50
	10	145	13.55	478	12.50	441	90	120		76	2800	1800	1860	2800	DN50
DWW-90W	7	102	14.60	515	13.61	480	90	120	76	2800	1800	1860	2180	DN50	
	8	116	14.32	506	13.47	476	90	120	76	2800	1800	1860	2180	DN50	
	10	145	13.55	478	12.50	441	90	120	76	2800	1800	1860	2180	DN50	
DWW-110	7	102	20.27	716	N/A***	N/A***	110	150	78	2800	1800	1860	3200	DN65	
	8	116	19.03	672	N/A***	N/A***	110	150	78	2800	1800	1860	3200	DN65	
	10	145	16.65	588	15.57	550	110	150	78	2800	1800	1860	3200	DN65	
DWW-110W	7	102	20.27	716	N/A***	N/A***	110	150	78	2800	1800	1860	3050	DN65	
	8	116	19.03	672	N/A***	N/A***	110	150	78	2800	1800	1860	3050	DN65	
	10	145	16.65	588	15.57	550	110	150	78	2800	1800	1860	3050	DN65	
DWW-132	7	102	23.94	845	20.09	709	132	175	78	2800	1800	1860	3340	DN65	
	8	116	22.47	793	19.87	702	132	175	78	2800	1800	1860	3340	DN65	
	10	145	20.19	713	N/A***	N/A***	132	175	78	2800	1800	1860	3340	DN65	
DWW-132W	7	102	23.94	845	20.48	723	132	175	78	2800	1800	1860	3170	DN65	
	8	116	22.47	793	20.26	715	132	175	78	2800	1800	1860	3170	DN65	
	10	145	20.19	713	19.82	700	132	175	78	2800	1800	1860	3170	DN65	
DWW-160	7	102	27.26	962	25.47	899	160	215	78	2800	1800	1860	3700	DN65	
	8	116	25.86	913	25.17	889	160	215	78	2800	1800	1860	3700	DN65	
	10	145	23.87	843	23.18	819	160	215	78	2800	1800	1860	3700	DN65	
DWW-160W	7	102	27.26	962	25.47	899	160	215	78	2800	1800	1860	3300	DN65	
	8	116	25.86	913	25.17	889	160	215	78	2800	1800	1860	3300	DN65	
	10	145	23.87	843	23.18	819	160	215	78	2800	1800	1860	3300	DN65	

*) 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)

***) N/A-Not Available

Specifications are subject to change without notice.

Technical parameters for 7-10 bar models

Model	Maximum working pressure		Capacity FAD*				Installed motor power		Cooling Method	Noise level** [dB(A)]	Dimensions(mm)			Weight kg	Air outlet pipe diameter
			50 Hz		60 Hz						L	W	H		
	bar(e)	psig	m ³ /min	cfm	m ³ /min	cfm	kW	hp							
DWW-185	7	102	30.19	1066	28.88	1020	185	250	Air Cooling W-Water Cooling	78	2800	1800	1860	3900	DN65
	8	116	29.53	1043	28.30	999	185	250		78	2800	1800	1860	3900	DN65
	10	145	27.20	960	27.17	960	185	250		78	2800	1800	1860	3900	DN65
DWW-185W	7	102	30.19	1066	28.88	1020	185	250		78	2800	1800	1860	3460	DN65
	8	116	29.53	1043	28.30	999	185	250		78	2800	1800	1860	3460	DN65
	10	145	27.20	960	27.17	960	185	250		78	2800	1800	1860	3460	DN65
DWW-200W	7	102	36.41	1286	31.14	1100	200	270		78	3100	2150	2200	4300	DN100
	8	116	33.86	1196	30.52	1078	200	270		78	3100	2150	2200	4300	DN100
	10	145	30.35	1071	28.82	1018	200	270		78	3100	2150	2200	4300	DN100
DWW-220W	7	102	38.99	1377	37.54	1325	220	300		78	3100	2150	2200	4500	DN100
	8	116	37.93	1339	36.78	1299	220	300		78	3100	2150	2200	4500	DN100
	10	145	33.79	1193	31.08	1097	220	300		78	3100	2150	2200	4500	DN100
DWW-250W	7	102	47.26	1669	41.53	1466	250	350		80	3100	2150	2200	4550	DN100
	8	116	43.31	1529	40.69	1437	250	350		80	3100	2150	2200	4550	DN100
	10	145	38.88	1373	37.43	1322	250	350		80	3100	2150	2200	4550	DN100
DWW-280W	7	102	51.04	1802	N/A***	N/A***	280	375	80	3400	2400	2200	4800	DN100	
	8	116	47.24	1668	N/A***	N/A***	280	375	80	3400	2400	2200	4800	DN100	
	10	145	43.26	1528	41.40	1462	280	375	80	3400	2400	2200	4800	DN100	
DWW-315W	7	102	52.03	1837	N/A***	N/A***	315	425	80	3400	2400	2200	5000	DN100	
	8	116	51.04	1802	N/A***	N/A***	315	425	80	3400	2400	2200	5000	DN100	
	10	145	47.18	1666	N/A***	N/A***	315	425	80	3400	2400	2200	5000	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)

***) N/A-Not Available

Specifications are subject to change without notice.

Technical parameters for 2.5-3.5 bar models

Model	Maximum working pressure		Capacity FAD*				Installed motor power		Cooling Method	Noise level** [dB(A)]	Dimensions(mm)			Weight kg	Air outlet pipe diameter
			50 Hz		60 Hz						L	W	H		
	bar(e)	psig	m ³ /min	cfm	m ³ /min	cfm	kW	hp							
DWL-55-2	2.5	37	15.33	541	14.40	508	55	75	Air Cooling W-Water Cooling	69	2100	1500	1790	2500	DN100
DWL-55-3	3.5	51	12.78	451	10.85	383	55	75		69	2100	1500	1790	2500	DN100
DWL-75-2	2.5	37	19.92	703	19.85	701	75	100		69	2100	1500	1790	2650	DN100
DWL-75-3	3.5	51	16.30	575	15.86	560	75	100		69	2100	1500	1790	2650	DN100
DWL-90-2	2.5	37	26.07	921	26.28	928	90	120		72	2800	1800	1860	2750	DN100
DWL-90-3	3.5	51	19.54	690	18.30	646	90	120		72	2100	1500	1790	2750	DN100
DWL-110(W)-2	2.5	37	33.16	1171	29.82	1053	110	150		72	3100	2150	2200	3500	DN150
DWL-110(W)-3	3.5	51	25.60	904	23.90	844	110	150		72	2800	1800	1860	3000	DN150
DWL-132(W)-2	2.5	37	40.24	1421	35.99	1271	132	175		72	3100	2150	2200	3600	DN150
DWL-132(W)-3	3.5	51	27.23	961	29.43	1039	132	175		72	2800	1800	1860	3100	DN150
DWL-160(W)-2	2.5	37	49.42	1745	45.20	1596	160	215		76	3100	2150	2200	3900	DN150
DWL-160(W)-3	3.5	51	35.75	1262	35.12	1240	160	215		76	3100	2150	2200	3800	DN150
DWL-185(W)-2	2.5	37	56.02	1978	52.71	1861	185	250		79	3400	2400	2200	4100	DN150
DWL-185(W)-3	3.5	51	42.21	1490	40.28	1422	185	250		79	3400	2400	2200	4000	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)

Specifications are subject to change without notice.

Oil-injected

Rotary Screw Air Compressors

Installed motor power 5.5 - 400 kW/7.5 - 550 hp

Free air delivery from 0.36 to 75.64 m³/min, Pressure 3 - 40 bar



OIL-INJECTED ROTARY SCREW AIR COMPRESSOR(fixed speed)

Features and advantages



01

Smart Controller

- Increased reliability: durable keyboard, user-friendly, multilingual user interface.
- Improved ease of use: intuitive navigation system with main operation conditions include warning indications, maintenance scheduling etc.



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 55 °C (131 °F)



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



08

Heavy-duty Oil Filter

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



09

Energy-saving 1:1 Direct Driven design

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



10

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



11

Superior Air Filter

- Superior 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

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
			50 Hz		60 Hz					L	W	H			
	bar(e)	psig	m³/min	cfm	m³/min	cfm	kW	hp							
DA-55+	7.5	109	11.05	390	11.76	415	55	75	Direct Driven Air Cooling W-Water Cooling	2200	1400	1600	1600	69	G2"
	8.5	123	10.82	382	11.45	404	55	75		2200	1400	1600	1600	69	G2"
	10.5	152	10.61	375	9.89	349	55	75		2200	1400	1600	1600	69	G2"
	13	189	10.50	371	9.66	341	55	75		2200	1400	1600	1600	69	G2"
DA-75+	7.5	109	14.83	524	15.02	530	75	100		2200	1400	1600	1700	69	G2"
	8.5	123	14.52	513	14.86	525	75	100		2200	1400	1600	1700	69	G2"
	10.5	152	10.82	382	11.66	412	75	100		2200	1400	1600	1700	69	G2"
	13	189	10.65	376	9.92	350	75	100		2200	1400	1600	1700	69	G2"
DA-90(W)+	7.5	109	19.80	699	20.17	712	90	120		2950	1800	2300	2500	72	DN80
	8.5	123	19.06	673	19.78	698	90	120		2950	1800	2300	2500	72	DN80
	10.5	152	16.80	593	18.90	667	90	120		2950	1800	2300	2500	72	DN80
	13	189	13.86	489	16.32	576	90	120		2950	1800	2300	2500	72	DN80
DA-110(W)+	7.5	109	23.10	816	23.31	823	110	150		2950	1800	2300	3500	75	DN80
	8.5	123	22.66	800	23.00	812	110	150		2950	1800	2300	3500	75	DN80
	10.5	152	19.22	679	20.16	712	110	150		2950	1800	2300	3500	75	DN80
	13	189	18.90	667	16.63	587	110	150		2950	1800	2300	3500	75	DN80
DA-132(W)+	7.5	109	26.78	946	27.72	979	132	175	2950	1800	2300	3950	75	DN80	
	8.5	123	26.27	928	27.04	955	132	175	2950	1800	2300	3950	75	DN80	
	10.5	152	22.98	811	23.06	814	132	175	2950	1800	2300	3950	75	DN80	
	13	189	20.16	712	22.68	801	132	175	3700	2300	2450	3950	75	DN80	
DA-160(W)+	7.5	109	32.64	1153	32.99	1165	160	215	3700	2300	2450	5000	75	DN80	
	8.5	123	32.33	1142	32.34	1142	160	215	3700	2300	2450	5000	75	DN80	
	10.5	152	26.96	952	27.72	979	160	215	3700	2300	2450	5000	75	DN80	
	13	189	22.60	798	22.65	800	160	215	3700	2300	2450	5000	75	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)

***) EEI 1- Energy Efficiency Index 1, which refers to enhanced energy saving series

Specifications are subject to change without notice.

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
			50 Hz		60 Hz					L	W	H			
	bar(e)	psig	m³/min	cfm	m³/min	cfm	kW	hp							
DA-185(W)+	7.5	109	43.38	1532	41.05	1450	185	250	Direct Driven Air Cooling W-Water Cooling	3700	2300	2450	5500	75	DN100
	8.5	123	42.55	1502	40.96	1446	185	250		3700	2300	2450	5500	75	DN100
	10.5	152	33.14	1170	33.10	1169	185	250		3700	2300	2450	5500	75	DN100
	13	189	27.31	964	27.19	960	185	250		3700	2300	2450	5500	75	DN100
DA-200(W)+	7.5	109	44.20	1561	43.26	1528	200	270		3700	2300	2450	6500	78	DN100
	8.5	123	43.38	1532	42.33	1495	200	270		3700	2300	2450	6500	78	DN100
	10.5	152	34.10	1204	33.74	1191	200	270		3700	2300	2450	6500	78	DN100
	13	189	28.10	992	27.72	979	200	270		3700	2300	2450	6500	78	DN100
DA-220(W)+	7.5	109	47.80	1688	52.05	1838	220	300		3700	2300	2450	6700	78	DN100
	8.5	123	46.89	1656	51.95	1834	220	300		3700	2300	2450	6700	78	DN100
	10.5	152	38.98	1376	40.53	1431	220	300		3700	2300	2450	6700	78	DN100
	13	189	33.44	1181	33.40	1179	220	300		3700	2300	2450	6700	78	DN100
DA-250(W)+	7.5	109	51.31	1812	57.35	2025	250	350		3700	2300	2450	6800	78	DN100
	8.5	123	50.33	1777	56.01	1978	250	350		3700	2300	2450	6800	78	DN100
	10.5	152	42.41	1497	46.78	1652	250	350		3700	2300	2450	6800	78	DN100
	13	189	38.59	1363	40.13	1417	250	350		3700	2300	2450	6800	78	DN100
DA-280(W)+	7.5	109	56.55	1997	61.57	2174	280	375	4300	2400	2350	7500	78	DN125	
	8.5	123	55.48	1959	60.36	2131	280	375	4300	2400	2350	7500	78	DN125	
	10.5	152	47.66	1683	50.89	1797	280	375	4300	2400	2350	7500	78	DN125	
	13	189	41.99	1483	46.31	1635	280	375	4300	2400	2350	7500	78	DN125	
DA-315(W)+	7.5	109	63.91	2257	67.86	2396	315	425	4300	2400	2350	7800	80	DN125	
	8.5	123	62.70	2214	66.57	2351	315	425	4300	2400	2350	7800	80	DN125	
	10.5	152	55.99	1977	57.19	2019	315	425	4300	2400	2350	7800	80	DN125	
	13	189	42.41	1497	49.91	1762	315	425	4300	2400	2350	7800	80	DN125	
DA-355(W)+	7.5	109	74.11	2617	75.64	2671	355	475	4300	2400	2350	8500	80	DN125	
	8.5	123	73.40	2592	74.05	2615	355	475	4300	2400	2350	8500	80	DN125	
	10.5	152	63.28	2234	67.18	2372	355	475	4300	2400	2350	8500	80	DN125	
	13	189	47.66	1683	50.89	1797	355	475	4300	2400	2350	8500	80	DN125	

*) 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)

***) EEI 1- Energy Efficiency Index 1, which refers to enhanced energy saving series

Specifications are subject to change without notice.

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
			50 Hz		60 Hz					L	W	H			
	bar(e)	psig	m³/min	cfm	m³/min	cfm	kW	hp							
DA-5	7.5	109	0.85	30	0.87	31	5.5	7.5	Belt Driven	900	660	940	180	62	G3/4"
	8.5	123	0.81	29	0.84	30	5.5	7.5		900	660	940	180	62	G3/4"
DA-7	7.5	109	1.04	37	1.02	36	7.5	10	Direct Driven	900	660	940	200	62	G3/4"
	8.5	123	0.98	34	1.00	35	7.5	10		900	660	940	200	62	G3/4"
	10.5	152	0.89	32	0.89	32	7.5	10	Belt Driven	900	660	940	200	62	G3/4"
	13	189	0.72	25	0.74	26	7.5	10		900	660	940	200	62	G3/4"
DA-11	7.5	109	1.76	62	1.76	62	11	15	Direct Driven	900	660	940	255	62	G3/4"
	8.5	123	1.73	61	1.70	60	11	15		900	660	940	255	62	G3/4"
	10.5	152	1.37	48	1.37	48	11	15	Belt Driven	900	660	940	255	62	G3/4"
	13	189	1.12	40	1.12	40	11	15		900	660	940	255	62	G3/4"
DA-15	7.5	109	2.53	89	2.43	86	15	20	Direct Driven Air Cooling	1250	870	1060	300	64	G1-1/4"
	8.5	123	2.48	88	2.38	84	15	20		1250	870	1060	300	64	G1-1/4"
	10.5	152	2.03	72	2.34	83	15	20		1250	870	1060	300	64	G1-1/4"
	13	189	1.98	70	2.27	80	15	20		1250	870	1060	300	64	G1-1/4"
DA-18	7.5	109	3.00	106	3.63	128	18.5	25		1250	870	1060	375	64	G1-1/4"
	8.5	123	2.94	104	3.54	125	18.5	25		1250	870	1060	375	64	G1-1/4"
	10.5	152	2.90	102	2.37	84	18.5	25		1250	870	1060	375	64	G1-1/4"
	13	189	2.02	71	2.34	83	18.5	25		1250	870	1060	375	64	G1-1/4"
DA-22	7.5	109	3.70	131	3.70	131	22	30		1250	870	1060	420	66	G1-1/4"
	8.5	123	3.61	127	3.61	128	22	30		1250	870	1060	420	66	G1-1/4"
	10.5	152	3.54	125	3.52	124	22	30		1250	870	1060	420	66	G1-1/4"
	13	189	2.90	102	2.38	84	22	30		1250	870	1060	420	66	G1-1/4"
DA-30	7.5	109	5.24	185	4.41	156	30	40		1650	1050	1400	645	66	G1-1/4"
	8.5	123	5.14	181	4.31	152	30	40		1650	1050	1400	645	66	G1-1/4"
	10.5	152	5.11	180	3.64	129	30	40		1650	1050	1400	645	66	G1-1/4"
	13	189	3.43	121	3.54	125	30	40		1650	1050	1400	645	66	G1-1/4"
DA-37	7.5	109	6.50	230	7.73	273	37	50	1650	1050	1400	680	66	G1-1/4"	
	8.5	123	6.47	228	7.63	269	37	50	1650	1050	1400	680	66	G1-1/4"	
	10.5	152	6.32	223	6.39	226	37	50	1650	1050	1400	680	66	G1-1/4"	
	13	189	5.10	180	6.28	222	37	50	1650	1050	1400	680	66	G1-1/4"	
DA-45	7.5	109	7.65	270	7.88	278	45	60	1650	1050	1400	840	69	G1-1/2"	
	8.5	123	7.60	268	7.70	272	45	60	1650	1050	1400	840	69	G1-1/2"	
	10.5	152	6.57	232	7.18	254	45	60	1650	1050	1400	840	69	G1-1/2"	
	13	189	6.39	226	6.34	224	45	60	1650	1050	1400	840	69	G1-1/2"	
DA-55	7.5	109	9.80	346	9.20	325	55	75	2200	1400	1600	1250	69	G 2"	
	8.5	123	9.71	343	9.06	320	55	75	2200	1400	1600	1250	69	G 2"	
	10.5	152	9.24	326	7.80	275	55	75	2200	1400	1600	1250	69	G 2"	
	13	189	7.35	260	7.59	268	55	75	2200	1400	1600	1250	69	G 2"	
DA-75	7.5	109	13.91	491	12.53	442	75	100	2200	1400	1600	1350	69	G 2"	
	8.5	123	12.66	447	11.71	413	75	100	2200	1400	1600	1350	69	G 2"	
	10.5	152	9.51	336	10.26	362	75	100	2200	1400	1600	1350	69	G 2"	
	13	189	9.24	326	9.42	333	75	100	2200	1400	1600	1350	69	G 2"	

*) 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)

***) EEI 2- Energy Efficiency Index 2, which refers to normal energy saving series

Specifications are subject to change without notice.

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
			50 Hz		60 Hz					L	W	H			
	bar(e)	psig	m³/min	cfm	m³/min	cfm	kW	hp							
DA-90(W)	7.5	109	16.75	591	16.91	597	90	120	Direct Driven Air Cooling W-Water Cooling	2950	1800	2300	2100	72	DN50
	8.5	123	16.55	584	16.80	593	90	120		2950	1800	2300	2100	72	DN50
	10.5	152	14.18	501	14.76	521	90	120		2950	1800	2300	2100	72	DN50
	13	189	12.21	431	11.42	403	90	120		2950	1800	2300	2100	72	DN50
DA-110(W)	7.5	109	20.36	719	20.06	708	110	150		2950	1800	2300	2500	75	DN80
	8.5	123	20.00	706	19.98	706	110	150		2950	1800	2300	2500	75	DN80
	10.5	152	16.60	586	16.80	593	110	150		2950	1800	2300	2500	75	DN80
	13	189	14.07	497	14.67	518	110	150		2950	1800	2300	2500	75	DN80
DA-132(W)	7.5	109	22.80	805	24.43	863	132	175		2950	1800	2300	2600	75	DN80
	8.5	123	22.67	800	23.83	842	132	175		2950	1800	2300	2600	75	DN80
	10.5	152	19.83	700	19.79	699	132	175		2950	1800	2300	2600	75	DN80
	13	189	16.46	581	16.64	588	132	175		2950	1800	2300	2600	75	DN80
DA-160(W)	7.5	109	27.36	966	27.99	988	160	215		2950	1800	2300	3150	75	DN80
	8.5	123	26.80	946	27.32	965	160	215		2950	1800	2300	3150	75	DN80
	10.5	152	23.03	813	24.03	849	160	215		2950	1800	2300	3150	75	DN80
	13	189	20.14	711	19.75	697	160	215		2950	1800	2300	3150	75	DN80
DA-185(W)	7.5	109	29.37	1037	30.45	1075	185	250		2950	1800	2300	3550	75	DN80
	8.5	123	28.22	996	30.06	1061	185	250		2950	1800	2300	3550	75	DN80
	10.5	152	25.04	884	27.54	972	185	250		2950	1800	2300	3550	75	DN80
	13	189	22.03	778	23.75	839	185	250		2950	1800	2300	3550	75	DN80
DA-200(W)	7.5	109	32.41	1144	31.03	1096	200	270	3700	2300	2450	4150	78	DN80	
	8.5	123	31.14	1100	30.35	1071	200	270	3700	2300	2450	4150	78	DN80	
	10.5	152	28.41	1003	29.69	1048	200	270	3700	2300	2450	4150	78	DN80	
	13	189	24.94	881	26.97	952	200	270	3700	2300	2450	4150	78	DN80	
DA-220(W)	7.5	109	36.11	1275	37.68	1331	220	300	3700	2300	2450	4300	78	DN100	
	8.5	123	35.37	1249	33.24	1174	220	300	3700	2300	2450	4300	78	DN100	
	10.5	152	31.63	1117	33.16	1171	220	300	3700	2300	2450	4300	78	DN100	
	13	189	28.55	1008	26.97	952	220	300	3700	2300	2450	4300	78	DN100	
DA-250(W)	7.5	109	43.20	1525	42.99	1518	250	350	3700	2300	2450	4400	78	DN100	
	8.5	123	42.31	1494	42.17	1489	250	350	3700	2300	2450	4400	78	DN100	
	10.5	152	35.94	1269	33.50	1183	250	350	3700	2300	2450	4400	78	DN100	
	13	189	31.47	1111	32.74	1156	250	350	3700	2300	2450	4400	78	DN100	
DA-280(W)	7.5	109	46.47	1641	47.16	1665	280	375	3700	2300	2450	4600	78	DN125	
	8.5	123	45.53	1608	45.64	1612	280	375	3700	2300	2450	4600	78	DN125	
	10.5	152	40.89	1444	41.03	1449	280	375	3700	2300	2450	4600	78	DN125	
	13	189	35.81	1264	36.75	1298	280	375	3700	2300	2450	4600	78	DN125	
DA-315(W)	7.5	109	53.03	1872	50.88	1797	315	425	3700	2300	2450	6700	80	DN125	
	8.5	123	52.50	1854	48.52	1713	315	425	3700	2300	2450	6700	80	DN125	
	10.5	152	46.69	1649	45.51	1607	315	425	3700	2300	2450	6700	80	DN125	
	13	189	42.82	1512	40.86	1443	315	425	3700	2300	2450	6700	80	DN125	
DA-355W	7.5	109	63.21	2232	54.57	1927	355	475	3700	2300	2450	7200	80	DN125	
	8.5	123	61.80	2182	53.55	1891	355	475	3700	2300	2450	7200	80	DN125	
	10.5	152	51.50	1818	47.12	1663	355	475	3700	2300	2450	7200	80	DN125	
	13	189	45.65	1612	43.64	1540	355	475	3700	2300	2450	7200	80	DN125	
DA-400W	7.5	109	68.78	2429	70.77	2499	400	550	3700	2300	2450	8500	80	DN125	
	8.5	123	66.95	2364	69.01	2437	400	550	3700	2300	2450	8500	80	DN125	
	10.5	152	52.50	1854	48.04	1696	400	550	3700	2300	2450	8500	80	DN125	
	13	189	46.54	1643	44.49	1571	400	550	3700	2300	2450	8500	80	DN125	

*) 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)

***) EEI 2- Energy Efficiency Index 2, which refers to normal energy saving series

Specifications are subject to change without notice.

OIL-INJECTED ROTARY SCREW AIR COMPRESSOR(VSD)

Features and advantages



Variable Speed Drive

- Different variable speed drive brands available, such as INVT, ABB, Bosch etc.
- VSD: variable volume, controlled costs: there is no unnecessary power generated, the ASA Co. DVA models can reduce energy costs by 35% or more. Life cycle costs of the compressor can be reduced by an average of 22%.



State-of-the-art Screw Element

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



Smart Controller

- Increased reliability: durable keyboard, user-friendly, multilingual user interface.
- Improved ease of use: intuitive navigation system with main operation conditions include warning indications, maintenance scheduling etc.



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



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



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 (kg)	Noise level** [dB(A)]	Air outlet pipe diameter
			50 Hz				60 Hz												
			bar(e)	psig	m³/min	m³/min	cfm	cfm	m³/min	m³/min				cfm	cfm	kW			
DVA-5	7.5	109	0.43	0.85	15	30	0.44	0.87	16	31	5.5	7.5	Belt Driven	900	660	940	200	62	G3/4"
	8.5	123	0.41	0.81	14	29	0.42	0.84	15	30	5.5	7.5		900	660	940	200	62	G3/4"
DVA-7	7.5	109	0.52	1.04	18	37	0.51	1.02	19	36	7.5	10	Direct Driven	900	660	940	220	62	G3/4"
	8.5	123	0.49	0.98	17	34	0.50	1.00	18	35	7.5	10		900	660	940	220	62	G3/4"
	10.5	152	0.45	0.89	16	32	0.45	0.89	16	32	7.5	10	Belt Driven	900	660	940	220	62	G3/4"
	13	189	0.36	0.72	13	25	0.37	0.74	13	26	7.5	10		900	660	940	220	62	G3/4"
DVA-11	7.5	109	0.88	1.76	32	62	0.88	1.76	31	62	11	15	Direct Driven	900	660	940	280	62	G3/4"
	8.5	123	0.87	1.73	31	61	0.85	1.70	30	60	11	15		900	660	940	280	62	G3/4"
	10.5	152	0.69	1.37	24	48	0.68	1.37	24	48	11	15	Belt Driven	900	660	940	280	62	G3/4"
	13	189	0.56	1.12	20	40	0.56	1.12	20	40	11	15		900	660	940	280	62	G3/4"
DVA-15	7.5	109	1.27	2.53	45	89	1.21	2.43	43	86	15	20	Direct Driven Air Cooling	1250	870	1060	325	64	G1-1/4"
	8.5	123	1.24	2.48	44	88	1.19	2.38	42	84	15	20		1250	870	1060	325	64	G1-1/4"
	10.5	152	1.02	2.03	36	72	1.17	2.34	41	83	15	20		1250	870	1060	325	64	G1-1/4"
	13	189	0.99	1.98	35	70	1.14	2.27	40	80	15	20		1250	870	1060	325	64	G1-1/4"
DVA-18	7.5	109	1.50	3.00	53	106	1.82	3.63	64	128	18.5	25		1250	870	1060	400	64	G1-1/4"
	8.5	123	1.47	2.94	52	104	1.77	3.54	63	125	18.5	25		1250	870	1060	400	64	G1-1/4"
	10.5	152	1.45	2.90	51	102	1.19	2.37	42	84	18.5	25		1250	870	1060	400	64	G1-1/4"
	13	189	1.01	2.02	36	71	1.17	2.34	41	83	18.5	25		1250	870	1060	400	64	G1-1/4"
DVA-22	7.5	109	1.85	3.70	65	131	1.85	3.70	65	131	22	30		1250	870	1060	440	66	G1-1/4"
	8.5	123	1.81	3.61	64	127	1.81	3.61	64	128	22	30		1250	870	1060	440	66	G1-1/4"
	10.5	152	1.77	3.54	62	125	1.76	3.52	62	124	22	30		1250	870	1060	440	66	G1-1/4"
	13	189	1.45	2.90	51	102	1.19	2.38	42	84	22	30		1250	870	1060	440	66	G1-1/4"
DVA-30	7.5	109	2.62	5.24	93	185	2.21	4.41	78	156	30	40		1650	1050	1400	670	66	G1-1/4"
	8.5	123	2.57	5.14	91	181	2.15	4.31	76	152	30	40		1650	1050	1400	670	66	G1-1/4"
	10.5	152	2.56	5.11	90	180	1.82	3.64	64	129	30	40		1650	1050	1400	670	66	G1-1/4"
	13	189	1.72	3.43	61	121	1.77	3.54	63	125	30	40		1650	1050	1400	670	66	G1-1/4"
DVA-37	7.5	109	3.25	6.50	115	230	3.86	7.73	136	273	37	50		1650	1050	1400	710	66	G1-1/4"
	8.5	123	3.24	6.47	114	228	3.81	7.63	135	269	37	50		1650	1050	1400	710	66	G1-1/4"
	10.5	152	3.16	6.32	112	223	3.20	6.39	113	226	37	50		1650	1050	1400	710	66	G1-1/4"
	13	189	2.55	5.10	90	180	3.14	6.28	111	222	37	50		1650	1050	1400	710	66	G1-1/4"
DVA-45	7.5	109	3.83	7.65	135	270	3.94	7.88	139	278	45	60		1650	1050	1400	860	69	G1-1/2"
	8.5	123	3.80	7.60	134	268	3.85	7.70	136	272	45	60		1650	1050	1400	860	69	G1-1/2"
	10.5	152	3.28	6.57	116	232	3.59	7.18	127	254	45	60		1650	1050	1400	860	69	G1-1/2"
	13	189	3.20	6.39	113	226	3.17	6.34	112	224	45	60		1650	1050	1400	860	69	G1-1/2"
DVA-55	7.5	109	4.90	9.80	173	346	4.60	9.20	162	325	55	75		2200	1400	1600	1350	69	G 2"
	8.5	123	4.86	9.71	171	343	4.53	9.06	160	320	55	75		2200	1400	1600	1350	69	G 2"
	10.5	152	4.62	9.24	163	326	3.90	7.80	138	275	55	75		2200	1400	1600	1350	69	G 2"
	13	189	3.68	7.35	130	260	3.80	7.59	134	268	55	75		2200	1400	1600	1350	69	G 2"
DVA-75	7.5	109	6.96	13.91	246	491	6.27	12.53	221	442	75	100		2200	1400	1600	1450	69	G 2"
	8.5	123	6.33	12.66	224	447	5.86	11.71	207	413	75	100		2200	1400	1600	1450	69	G 2"
	10.5	152	4.76	9.51	168	336	5.13	10.26	181	362	75	100		2200	1400	1600	1450	69	G 2"
	13	189	4.62	9.24	163	326	4.71	9.42	166	333	75	100		2200	1400	1600	1450	69	G 2"

*) 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)

Specifications are subject to change without notice.

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
			50 Hz				60 Hz												
			bar(e)	psig	m³/min	m³/min	cfm	cfm	m³/min	m³/min				cfm	cfm	L			
DVA-90	7.5	109	8.38	16.75	296	591	8.45	16.91	298	597	90	120	Direct Driven Air Cooling W-Water Cooling	2950	1800	2300	2200	72	DN50
	8.5	123	8.28	16.55	292	584	8.40	16.80	297	593	90	120		2950	1800	2300	2200	72	DN50
	10.5	152	7.09	14.18	250	501	7.38	14.76	261	521	90	120		2950	1800	2300	2200	72	DN50
	13	189	6.11	12.21	216	431	5.71	11.42	202	403	90	120		2950	1800	2300	2200	72	DN50
DVA-110	7.5	109	10.18	20.36	359	719	10.03	20.06	354	708	110	150		2950	1800	2300	2650	75	DN80
	8.5	123	10.00	20.00	353	706	9.99	19.98	353	706	110	150		2950	1800	2300	2650	75	DN80
	10.5	152	8.30	16.60	293	586	8.40	16.80	297	593	110	150		2950	1800	2300	2650	75	DN80
	13	189	7.04	14.07	248	497	7.33	14.67	259	518	110	150		2950	1800	2300	2650	75	DN80
DVA-132	7.5	109	11.40	22.80	403	805	12.22	24.43	431	863	132	175		2950	1800	2300	2800	75	DN80
	8.5	123	11.34	22.67	400	800	11.92	23.83	421	842	132	175		2950	1800	2300	2800	75	DN80
	10.5	152	9.92	19.83	350	700	9.90	19.79	349	699	132	175		2950	1800	2300	2800	75	DN80
	13	189	8.23	16.46	291	581	8.32	16.64	294	588	132	175		2950	1800	2300	2800	75	DN80
DVA-160	7.5	109	13.68	27.36	483	966	14.00	27.99	494	988	160	215		2950	1800	2300	3450	75	DN80
	8.5	123	13.40	26.80	473	946	13.66	27.32	482	965	160	215		2950	1800	2300	3450	75	DN80
	10.5	152	11.52	23.03	407	813	12.02	24.03	424	849	160	215		2950	1800	2300	3450	75	DN80
	13	189	10.07	20.14	356	711	9.88	19.75	349	697	160	215		2950	1800	2300	3450	75	DN80
DVA-185(W)	7.5	109	14.69	29.37	519	1037	15.23	30.45	538	1075	185	250	2950	1800	2300	3850	75	DN80	
	8.5	123	14.11	28.22	498	996	15.03	30.06	531	1061	185	250	2950	1800	2300	3850	75	DN80	
	10.5	152	12.52	25.04	442	884	13.77	27.54	486	972	185	250	2950	1800	2300	3850	75	DN80	
	13	189	11.02	22.03	389	778	11.88	23.75	419	839	185	250	2950	1800	2300	3850	75	DN80	
DVA-200(W)	7.5	109	16.21	32.41	572	1144	15.52	31.03	548	1096	200	270	3700	2300	2450	4400	78	DN80	
	8.5	123	15.57	31.14	550	1100	15.17	30.35	536	1071	200	270	3700	2300	2450	4400	78	DN80	
	10.5	152	14.21	28.41	502	1003	14.85	29.69	524	1048	200	270	3700	2300	2450	4400	78	DN80	
	13	189	12.47	24.94	440	881	13.49	26.97	476	952	200	270	3700	2300	2450	4400	78	DN80	
DVA-220(W)	7.5	109	18.06	36.11	638	1275	18.84	37.68	665	1331	220	300	3700	2300	2450	4500	78	DN100	
	8.5	123	17.69	35.37	624	1249	16.62	33.24	587	1174	220	300	3700	2300	2450	4500	78	DN100	
	10.5	152	15.82	31.63	558	1117	16.58	33.16	585	1171	220	300	3700	2300	2450	4500	78	DN100	
	13	189	14.28	28.55	504	1008	13.49	26.97	476	952	220	300	3700	2300	2450	4500	78	DN100	
DVA-250(W)	7.5	109	21.60	43.20	763	1525	21.49	42.99	759	1518	250	350	3700	2300	2450	4700	78	DN100	
	8.5	123	21.16	42.31	747	1494	21.08	42.17	744	1489	250	350	3700	2300	2450	4700	78	DN100	
	10.5	152	17.97	35.94	635	1269	16.75	33.50	591	1183	250	350	3700	2300	2450	4700	78	DN100	
	13	189	15.74	31.47	556	1111	16.37	32.74	578	1156	250	350	3700	2300	2450	4700	78	DN100	
DVA-280(W)	7.5	109	23.24	46.47	820	1641	23.58	47.16	833	1665	280	375	3700	2300	2450	4900	78	DN125	
	8.5	123	22.77	45.53	804	1608	22.82	45.64	806	1612	280	375	3700	2300	2450	4900	78	DN125	
	10.5	152	20.45	40.89	722	1444	20.52	41.03	724	1449	280	375	3700	2300	2450	4900	78	DN125	
	13	189	17.91	35.81	632	1264	18.38	36.75	649	1298	280	375	3700	2300	2450	4900	78	DN125	
DVA-315(W)	7.5	109	26.52	53.03	936	1872	25.44	50.88	898	1797	315	425	3700	2300	2450	7000	80	DN125	
	8.5	123	26.25	52.50	927	1854	24.26	48.52	857	1713	315	425	3700	2300	2450	7000	80	DN125	
	10.5	152	23.35	46.69	824	1649	22.75	45.51	803	1607	315	425	3700	2300	2450	7000	80	DN125	
	13	189	21.41	42.82	756	1512	20.43	40.86	721	1443	315	425	3700	2300	2450	7000	80	DN125	
DVA-355W	7.5	109	31.61	63.21	1116	2232	27.29	54.57	963	1927	355	475	3700	2300	2450	7500	80	DN125	
	8.5	123	30.90	61.80	1091	2182	26.78	53.55	945	1891	355	475	3700	2300	2450	7500	80	DN125	
	10.5	152	25.75	51.50	909	1818	23.56	47.12	832	1663	355	475	3700	2300	2450	7500	80	DN125	
	13	189	22.83	45.65	806	1612	21.82	43.64	770	1540	355	475	3700	2300	2450	7500	80	DN125	
DVA-400W	7.5	109	34.39	68.78	1214	2429	35.39	70.77	1249	2499	400	550	3700	2300	2450	8800	80	DN125	
	8.5	123	33.48	66.95	1182	2364	34.51	69.01	1218	2437	400	550	3700	2300	2450	8800	80	DN125	
	10.5	152	26.25	52.50	927	1854	24.02	48.04	848	1696	400	550	3700	2300	2450	8800	80	DN125	
	13	189	23.27	46.54	822	1643	22.24	44.49	785	1571	400	550	3700	2300	2450	8800	80	DN125	

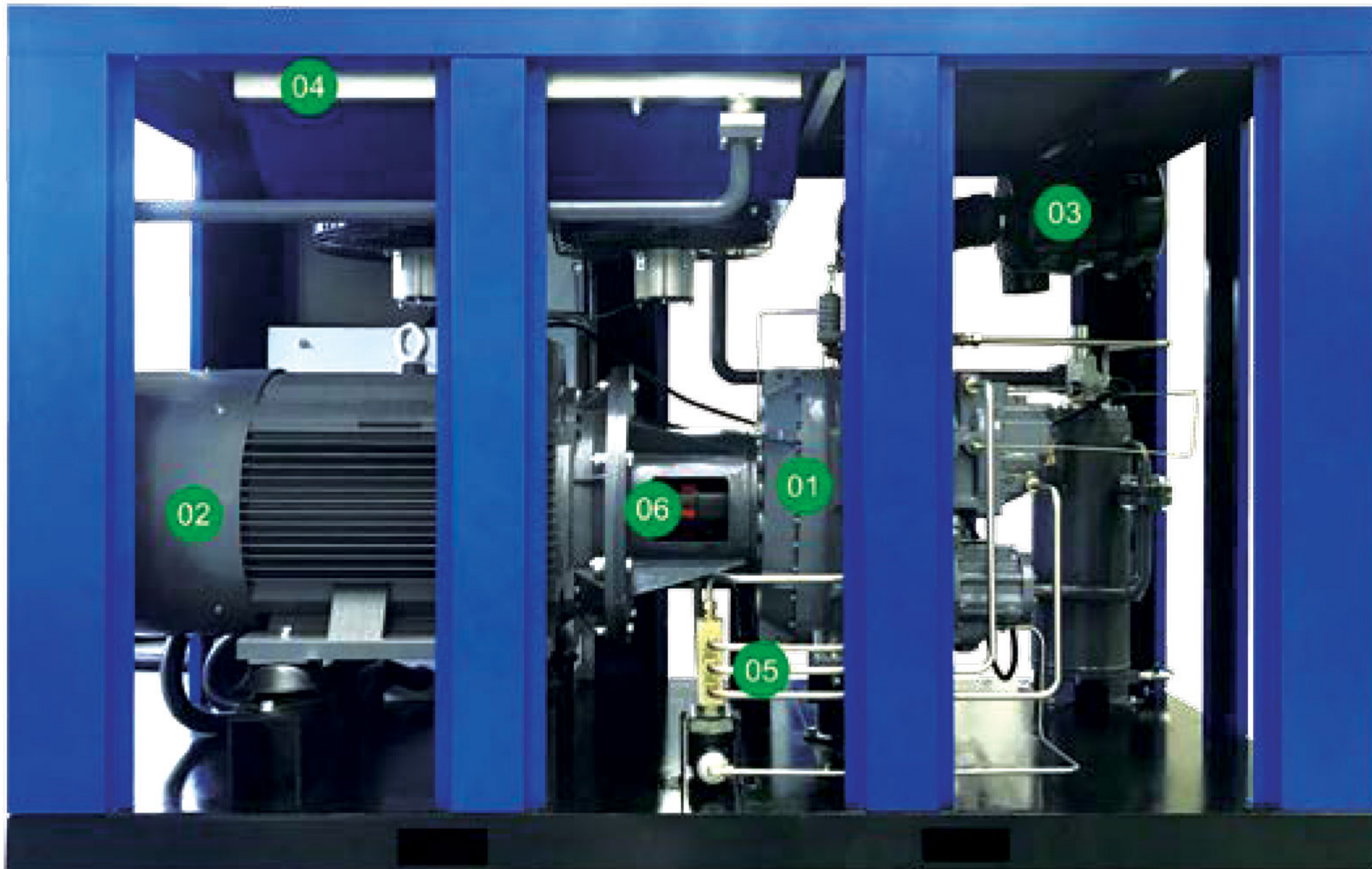
*) FAD in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

**) 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)

Specifications are subject to change without notice.

HIGH PRESSURE ROTARY SCREW COMPRESSOR(VSD)

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 55 °C (131 °F)



03

Superior Air Filter

- Superior 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



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



06

Energy-saving 1:1 Direct Driven design

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

Technical parameters

Model	Maximum working pressure		Capacity FAD*								Installed motor power		Driving Mode & Cooling Method	Dimensions(mm)			Weight	Noise level**	Air outlet pipe diameter
			50 Hz				60 Hz							L	W	H			
	bar(e)	psig	Min. m ³ /min	Max. m ³ /min	Min. cfm	Max. cfm	Min. m ³ /min	Max. m ³ /min	Min. cfm	Max. cfm	kW	hp							
DVAH-110-16	16	233	5.92	11.84	209	418	5.81	11.62	205	410	110	150		2800	1950	2000	2300	78	DN80
DVAH-110-18	18	261	5.63	11.27	199	398	5.58	11.16	197	394	110	150		2800	1950	2000	2300	78	DN80
DVAH-110-20	20	290	5.43	10.87	192	384	5.38	10.76	190	380	110	150		2800	1950	2000	2500	78	DN80
DVAH-110-25	25	363	5.38	10.76	190	380	5.28	10.56	187	373	110	150		2800	1950	2000	2500	78	DN80
DVAH-110-30	30	435	5.30	10.60	187	374	5.15	10.30	182	364	110	150		2800	1950	2000	2500	78	DN50
DVAH-110-35	35	508	5.25	10.50	185	371	5.10	10.20	180	360	110	150		2800	1950	2000	4150	78	DN50
DVAH-110-40	40	580	5.20	10.40	184	367	5.05	10.10	179	357	110	150		2800	1950	2000	4150	78	DN50
DVAH-132-16	16	233	7.32	14.64	258	517	7.25	14.50	256	512	132	175		2800	1950	2000	2450	78	DN80
DVAH-132-18	18	261	6.62	13.24	234	467	6.49	12.99	230	459	132	175		2800	1950	2000	2450	78	DN80
DVAH-132-20	20	290	6.56	13.11	232	463	6.42	12.84	227	453	132	175		2800	1950	2000	2650	78	DN80
DVAH-132-25	25	363	6.49	12.99	229	459	6.23	12.46	220	440	132	175		2800	1950	2000	2650	78	DN80
DVAH-132-30	30	435	5.45	10.90	192	385	5.25	10.50	186	371	132	175		2800	1950	2000	2650	78	DN50
DVAH-132-35	35	508	5.40	10.80	191	381	5.20	10.40	184	367	132	175		2800	1950	2000	4250	78	DN50
DVAH-132-40	40	580	5.35	10.70	189	378	5.15	10.30	182	364	132	175		2800	1950	2000	4250	78	DN50
DVAH-160-16	16	233	9.38	18.76	331	663	9.38	18.76	332	663	160	215		2950	1800	2300	3000	80	DN80
DVAH-160-18	18	261	9.30	18.61	328	657	9.21	18.43	326	651	160	215		2950	1800	2300	3000	80	DN80
DVAH-160-20	20	290	8.06	16.13	285	569	8.06	16.13	285	569	160	215		2950	1800	2300	3200	80	DN80
DVAH-160-25	25	363	7.91	15.82	279	559	7.99	15.97	282	564	160	215	Direct Driven Air Cooling/W-Water Cooling	2950	1800	2300	3200	80	DN80
DVAH-185-16	16	233	10.30	20.60	364	727	10.30	20.60	364	727	185	250		2950	1800	2300	3200	80	DN80
DVAH-185-18	18	261	10.19	20.37	360	719	10.19	20.37	360	719	185	250		2950	1800	2300	3200	80	DN80
DVAH-185-20	20	290	8.89	17.79	314	628	8.81	17.62	311	622	185	250		2950	1800	2300	3500	80	DN80
DVAH-185-25	25	363	8.81	17.62	311	622	8.73	17.45	308	616	185	250		2950	1800	2300	3500	80	DN80
DVAH-200W-16	16	233	12.17	24.34	430	859	11.94	23.88	422	843	200	275		3700	2300	2450	3200	80	DN80
DVAH-200W-18	18	261	11.32	22.64	400	799	11.32	22.64	400	799	200	275		3700	2300	2450	3200	80	DN80
DVAH-200W-20	20	290	10.68	21.37	377	754	10.68	21.37	377	754	200	275		3700	2300	2450	3500	80	DN80
DVAH-200W-25	25	363	9.09	18.19	321	642	9.09	18.19	321	642	200	275		3700	2300	2450	3500	80	DN80
DVAH-220W-16	16	233	12.40	24.80	438	876	12.17	24.34	430	859	220	300		3700	2300	2450	3600	80	DN80
DVAH-220W-18	18	261	12.21	24.42	431	862	11.84	23.67	418	836	220	300		3700	2300	2450	4000	80	DN80
DVAH-220W-20	20	290	11.21	22.42	396	792	11.21	22.42	396	792	220	300		3700	2300	2450	4000	80	DN80
DVAH-220W-25	25	363	10.47	20.94	370	739	10.47	20.94	370	739	220	300		3700	2300	2450	4000	80	DN80
DVAH-250W-16	16	233	14.06	28.13	496	993	14.06	28.13	497	993	250	350		3700	2300	2450	4300	82	DN80
DVAH-250W-18	18	261	13.99	27.99	494	988	13.99	27.99	494	988	250	350		3700	2300	2450	5300	82	DN80
DVAH-250W-20	20	290	12.95	25.89	457	914	12.95	25.89	457	914	250	350		3700	2300	2450	5300	82	DN80
DVAH-250W-25	25	363	12.45	24.90	440	879	12.45	24.90	440	879	250	350		3700	2300	2450	5300	82	DN80
DVAH-280W-16	16	233	16.51	33.02	583	1166	16.51	33.02	583	1166	280	375		3700	2300	2450	4500	82	DN80
DVAH-280W-18	18	261	14.84	29.68	524	1048	14.84	29.68	524	1048	280	375		3700	2300	2450	5500	82	DN80
DVAH-280W-20	20	290	14.69	29.38	519	1037	14.69	29.38	519	1037	280	375		3700	2300	2450	5500	82	DN80
DVAH-280W-25	25	363	12.69	25.38	448	896	12.69	25.38	448	896	280	375		3700	2300	2450	5500	82	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)

Specifications are subject to change without notice.

LOW PRESSURE ROTARY SCREW COMPRESSOR(VSD)



Technical parameters

Model	Maximum working pressure		Capacity FAD*								Installed motor power		Driving Mode & Cooling Method	Dimensions(mm)			Weight	Noise level**	Air outlet pipe diameter
			50 Hz				60 Hz							L	W	H			
	bar(e)	psig	Min. m ³ /min	Max. m ³ /min	Min. cfm	Max. cfm	Min. m ³ /min	Max. m ³ /min	Min. cfm	Max. cfm	kW	hp		kg	dB(A)				
DVAL-55-3	3	43.5	8.39	16.78	296	592	7.46	14.92	264	527	55	75	Direct Driven Air Cooling/ W-Water Cooling	2950	1800	2300	1800	70	DN50
DVAL-75-3			11.55	23.10	408	816	12.22	24.44	432	863	75	100		2950	1800	2300	1900	70	DN80
DVAL-90-3			12.78	25.57	452	903	13.85	27.71	489	978	90	120		2950	1800	2300	2500	74	DN80
DVAL-110-3			16.00	31.99	565	1130	14.12	28.25	499	997	110	150		3700	2300	2450	3700	74	DN80
DVAL-132-3			17.89	35.77	632	1263	15.36	30.71	542	1084	132	175		3700	2300	2450	4000	74	DN80
DVAL-160-3			19.51	39.02	689	1378	17.55	35.09	620	1239	160	215		3700	2300	2450	4500	77	DN80
DVAL-185(W)-3			21.76	43.51	768	1536	22.58	45.15	797	1594	185	250		3700	2300	2450	5200	77	DN100
DVAL-250(W)-3			31.50	63.00	1113	2225	34.65	69.30	1224	2447	250	350		4300	2400	2350	6600	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)

Specifications are subject to change without notice.

Portable Rotary Screw Air Compressors

Capacities from: 120 to 1638 cfm, 3.40 to 46.38 m³/min
Pressures from: 102 to 508 psi(g), 7 to 35 bar(g)
Emission standard: Tier 2



DACY SERIES

ASA Co. diesel portable screw air compressors are widely used in all kinds of heavy duty industries, such as mining, hydropower, oil and gas exploitation, borehole, shipyard, construction, chemical industry, quarry, sandblasting, pipeline pressure test, public works, etc. Free air delivery 3.4~46.38m³/min working pressure 7~35bar make these compressors fit for almost any application

PORTABLE ROTARY SCREW AIR COMPRESSORS

Features and advantages



01

Diesel Engine

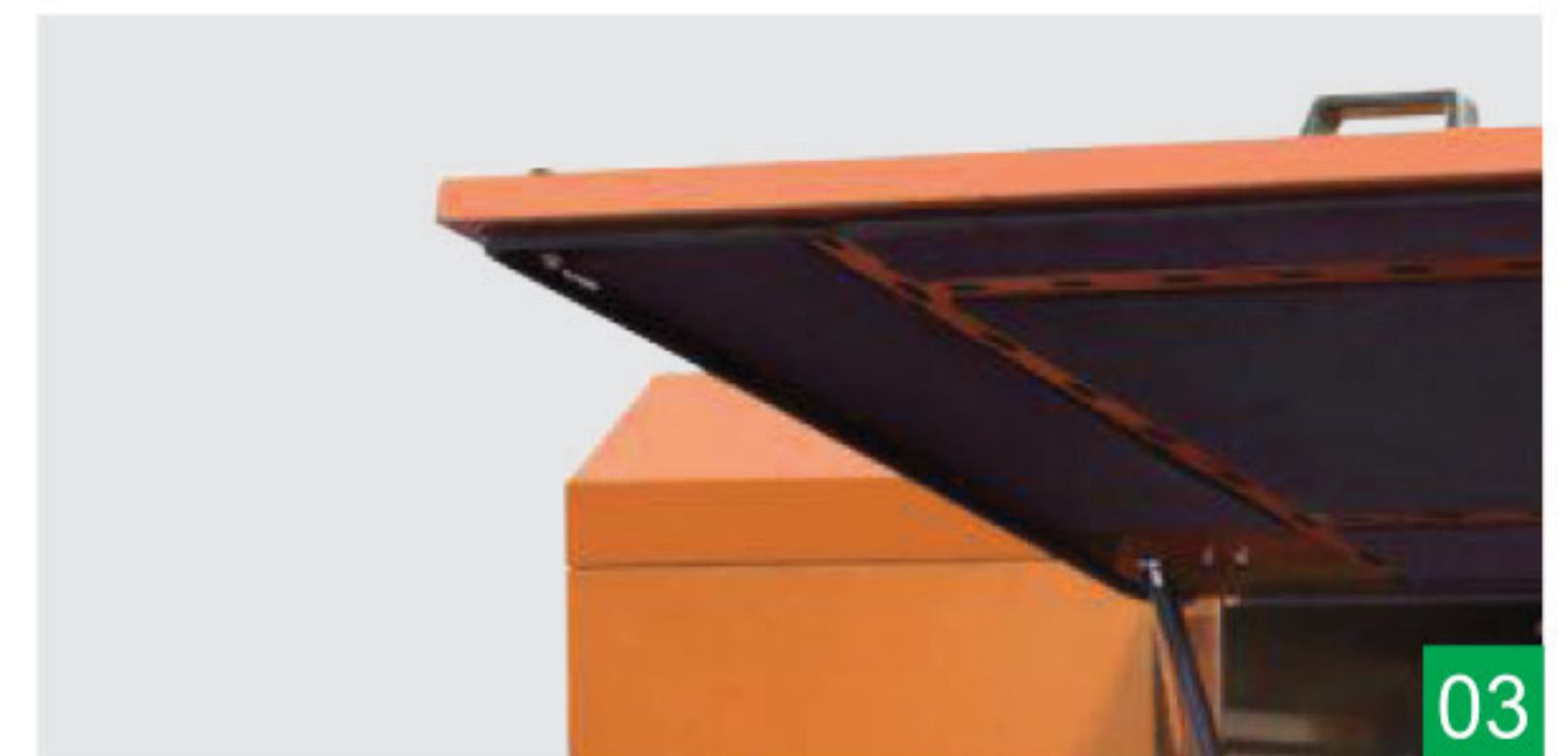
Heavy Duty and Less Fuel Consumption compared to similar engine designs, better in durability and longevity.



02

Chassis

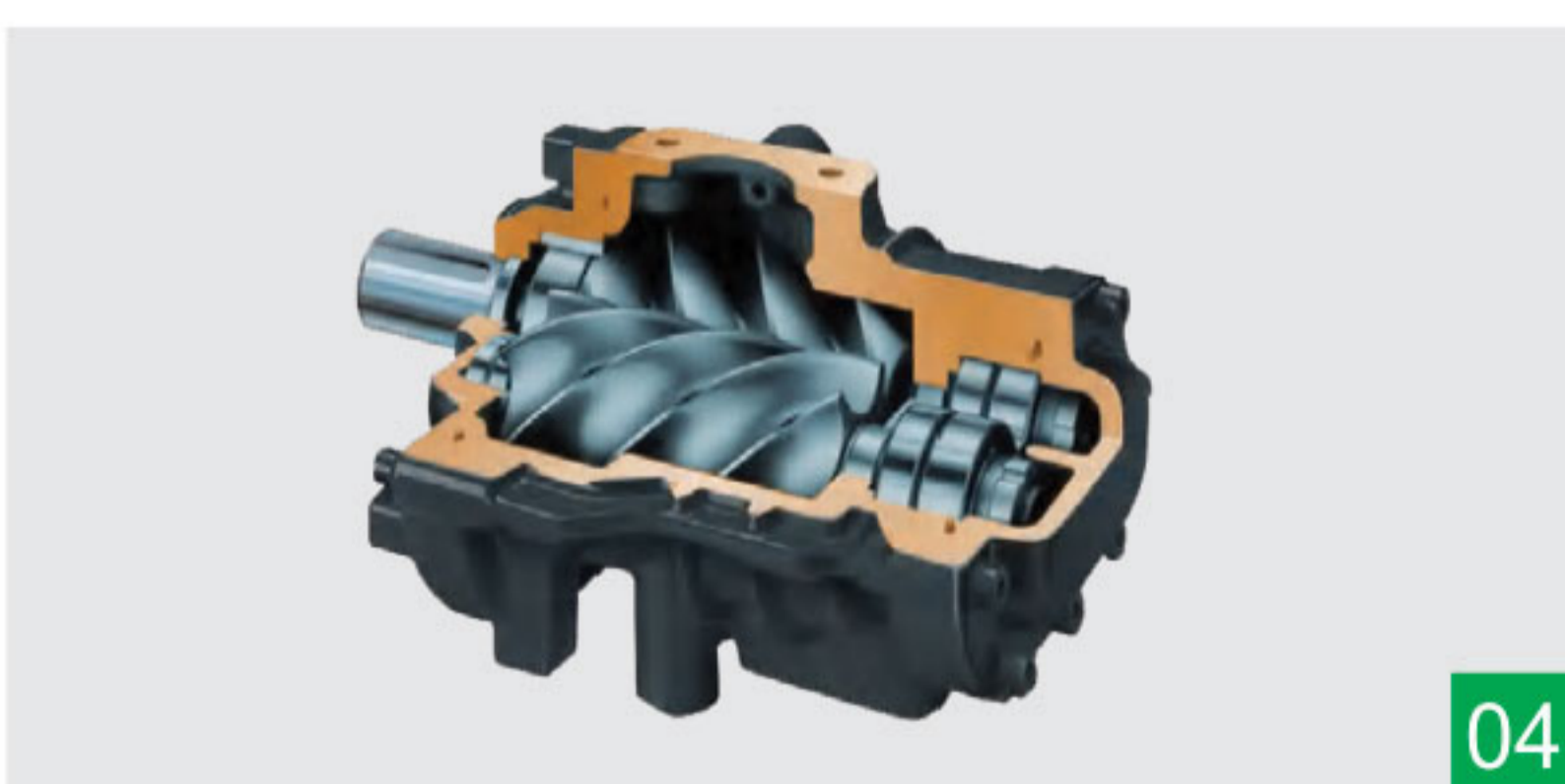
Damped chassis and wear resistant type.



03

Compressor Shell

Shell is made of thickness 2mm cold-roll steel sheets with special flame-retardant sound-proof material.



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



05

Superior Air Filter and Oil Filter

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



Skid mounted type is available

Technical parameters

Type		DACY-3/8	DACY-5/7	DACY-5/13	DACY-6/7	DACY-7/7	DACY-7/10
Machine							
Free air delivery*	m ³ /min	3.40	5.52	5.31	6.00	7.00	7.00
	cfm	120	195	187	212	247	247
Normal working pressure	bar(g)	8	7	13	7	7	10
	psi(g)	116	102	189	102	102	145
Maximum design pressure	bar(g)	8	15	15	13	10	10
	psi(g)	116	218	218	189	145	145
Dimensions(without towbar)	L(mm)	2263	3120	3120	3120	3120	3120
	W(mm)	1590	1860	1860	1860	1860	1860
	H(mm)	1543	1800	1800	1800	1800	1800
Weight	kg	900	1500	1500	1500	1500	1500
Wheel qty		2	2	2	2	2	2
Size and No. of outlet valve		G 1/2"*1 G 1"*1	G 3/4"*2 G 1-1/4"*1	G 3/4"*2 G 1-1/4"*1	G 3/4"*2 G 1-1/4"*1	G 3/4"*2 G 1-1/4"*1	G 3/4"*2 G 1-1/4"*1
Diesel engine							
Manufacturer		Yangdong	Cummins	Cummins	Cummins	Cummins	Cummins
Model		YSD490G	4BT3.9-C80	4BT3.9-C80	4BT3.9-C80	4BT3.9-C80	4BT3.9-C80
Rated power	kW	32	60	60	60	60	60
	hp	42	80	80	80	80	80
Type		Turbocharging, Charge air cooling					
Bore*Stroke*No. of cylinders	mm	90*100*4	102*120*4	102*120*4	102*120*4	102*120*4	102*120*4
Engine speed (nominal)	RPM	2200	2200	2200	2200	2200	2200
Engine speed (unloaded)	RPM	1400	1400	1400	1400	1400	1400
Engine oil capacity	L	7	9	9	9	9	9
Coolant capacity	L	15	20	20	20	20	20
Storage battery current CCA		450	670	670	670	670	670
Fuel tank capacity	L	52	80	80	80	80	80
Compressor							
Compressed air vessel capacity	L	27	48	48	48	48	48
Lubricant capacity	L	16	20	20	20	20	20
Type		DACY-7/13	DACY-8/10	DACY-9/8	DACY-8/15	DACY-9/13	DACY-12/7
Machine							
Free air delivery*	m ³ /min	7.00	8.36	9.00	8.10	9.00	12.00
	cfm	247	295	318	300	318	424
Normal working pressure	bar(g)	13	10	8	15	13	7
	psi(g)	189	145	116	218	189	102
Maximum design pressure	bar(g)	14	10	8	15	13	8
	psi(g)	203	145	116	218	189	116
Dimensions(without towbar)	L(mm)	3360	3360	3360	3360	3360	3360
	W(mm)	2010	2010	2010	2010	2010	2010
	H(mm)	2050	2050	2050	2050	2050	2050
Weight	kg	2000	2000	2000	2000	2000	2000
Wheel qty		2	2	2	2	2	2
Size and No. of outlet valve		G 1"*2 G 1-1/2"*1	G 1"*2 G 1-1/2"*1	G 1"*2 G 1-1/2"*1	G 1"*2 G 1-1/2"*1	G 1"*2 G 1-1/2"*1	G 1"*2 G 1-1/2"*1
Diesel engine							
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		4BT3.9-C100	4BT3.9-C100	4BT3.9-C100	4BT3.9-C125	4BT3.9-C125	4BT3.9-C125
Rated power	kW	74	74	74	93	93	93
	hp	100	100	100	125	125	125
Type		Turbocharging, Charge air cooling					
Bore*Stroke*No. of cylinders	mm	102*120*4	102*120*4	102*120*4	102*120*4	102*120*4	102*120*4
Engine speed (nominal)	RPM	2200	2100	2200	2000	2200	2200
Engine speed (unloaded)	RPM	1400	1400	1400	1400	1400	1400
Engine oil capacity	L	9	9	9	9	9	9
Coolant capacity	L	30	30	30	30	30	30
Storage battery current CCA		670	670	670	670	670	670
Fuel tank capacity	L	126	126	126	126	126	126
Compressor							
Compressed air vessel capacity	L	80	80	80	80	80	80
Lubricant capacity	L	40	40	40	45	45	45
Type		DACY-8/16	DACY-9/15	DACY-10/13	DACY-11/10	DACY-13/10	DACY-16/8
Machine							
Free air delivery*	m ³ /min	8.01	9.00	10.00	11.47	13.00	16.00
	cfm	283	318	353	405	459	565
Normal working pressure	bar(g)	16	15	13	10	10	8
	psi(g)	232	218	189	145	145	116
Maximum design pressure	bar(g)	16	15	14	10	10	8
	psi(g)	232	218	203	145	145	116
Dimensions(without towbar)	L(mm)	3740	3740	3740	3740	3740	3740
	W(mm)	2110	2110	2110	2110	2110	2110
	H(mm)	2240	2240	2240	2240	2240	2240
Weight	kg	3000	3000	3000	3000	3000	3000
Wheel qty		2	2	2	2	2	2
Size and No. of outlet valve		G 1"*2 G 2"*1	G 1"*2 G 2"*1	G 1"*2 G 2"*1	G 1"*2 G 2"*1	G 1"*2 G 2"*1	G 1"*2 G 2"*1
Diesel engine							
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		6BT5.9-C150	6BT5.9-C150	6BT5.9-C150	6BT5.9-C150	6BT5.9-C150	6BT5.9-C150
Rated power	kW	110	110	110	110	110	110
	hp	150	150	150	150	150	150
Type		Turbocharging, Charge air cooling					
Bore*Stroke*No. of cylinders	mm	102*120*6	102*120*6	102*120*6	102*120*6	102*120*6	102*120*6
Engine speed (nominal)	RPM	2100	2300	2500	2300	2450	2300
Engine speed (unloaded)	RPM	1400	1400	1400	1400	1400	1400
Engine oil capacity	L	16.3	16.3	16.3	16.3	16.3	16.3
Coolant capacity	L	30	30	30	30	30	30
Storage battery current CCA		670	670	670	670	670	670
Fuel tank capacity	L	190	190	190	190	190	190
Compressor							
Compressed air vessel capacity	L	155	155	155	155	155	155
Lubricant capacity	L	50	50	50	50	50	50

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

Note: Skid-mounted type is available.

Technical parameters

Type		DACY-17/7	DACY-10/16	DACY-12/13	DACY-16/10	DACY-17/8	DACY-18/7
Machine							
Free air delivery*	m ³ /min	17.00	10.00	12.00	16.00	17.00	18.00
	cfm	600	353	424	565	600	636
Normal working pressure	bar(g)	7	16	13	10	8	7
	psi(g)	102	232	189	145	116	102
Maximum design pressure	bar(g)	7	16	13	10	8	7
	psi(g)	102	232	189	145	116	102
Dimensions(without towbar)	L(mm)	3740	3790	3790	3790	3790	3790
	W(mm)	2110	2110	2110	2110	2110	2110
	H(mm)	2240	2390	2390	2390	2390	2390
Weight	kg	3000	3200	3200	3200	3200	3200
Wheel qty		2	2	2	2	2	2
Size and No. of outlet valve		G 1 ^{**} 2 G 2 ^{**} 1	G 1 ^{**} 2 G 2 ^{**} 1	G 1 ^{**} 2 G 2 ^{**} 1	G 1 ^{**} 2 G 2 ^{**} 1	G 1 ^{**} 2 G 2 ^{**} 1	G 1 ^{**} 2 G 2 ^{**} 1
Diesel engine							
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		6BT5.9-C150	6BTA5.9-C180	6BTA5.9-C180	6BTA5.9-C180	6BTA5.9-C180	6BTA5.9-C180
Rated power	kW	110	132	132	132	132	132
	hp	150	180	180	180	180	180
Type		Turbocharging, Charge air cooling					
Bore*Stroke*No. of cylinders	mm	102*120*6	102*120*6	102*120*6	102*120*6	102*120*6	102*120*6
Engine speed (nominal)	RPM	2450	2500	2400	2350	2500	2500
Engine speed (unloaded)	RPM	1400	1400	1400	1400	1400	1400
Engine oil capacity	L	16.3	16.3	16.3	16.3	16.3	16.3
Coolant capacity	L	30	35	35	35	35	35
Storage battery current CCA		670	670	670	670	670	670
Fuel tank capacity	L	190	190	190	190	190	190
Compressor							
Compressed air vessel capacity	L	155	155	155	155	155	155
Lubricant capacity	L	50	55	55	55	55	55
Type		DACY-10/20	DACY-15/18	DACY-17/13	DACY-18/12	DACY-21/8	DACY-23/8
Machine							
Free air delivery*	m ³ /min	12.16	15.00	17.00	18.00	21.36	23.00
	cfm	429	455	600	636	754	812
Normal working pressure	bar(g)	20	18	13	12	8	8
	psi(g)	290	261	189	174	116	116
Maximum design pressure	bar(g)	20	18	13	12	8	8
	psi(g)	290	261	189	174	116	116
Dimensions(without towbar)	L(mm)	3920	3920	3920	3920	3920	3920
	W(mm)	1800	1800	1800	1800	1800	1800
	H(mm)	2380	2380	2380	2380	2380	2380
Weight	kg	3700	3700	3700	3700	3700	3700
Wheel qty		4	4	4	4	4	4
Size and No. of outlet valve		G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1
Diesel engine							
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		6CTA8.3-C215	6CTA8.3-C215	6CTA8.3-C215	6CTA8.3-C215	6CTA8.3-C215	6CTA8.3-C215
Rated power	kW	160	160	160	160	160	160
	hp	215	215	215	215	215	215
Type		Turbocharging, Charge air cooling					
Bore*Stroke*No. of cylinders	mm	114*135*6	114*135*6	114*135*6	114*135*6	114*135*6	114*135*6
Engine speed (nominal)	RPM	2100	2200	2050	2100	2050	2100
Engine speed (unloaded)	RPM	1400	1400	1400	1400	1400	1400
Engine oil capacity	L	27.6	27.6	27.6	27.6	27.6	27.6
Coolant capacity	L	50	50	50	50	50	50
Storage battery current CCA		720	720	720	720	720	720
Fuel tank capacity	L	360	360	360	360	360	360
Compressor							
Compressed air vessel capacity	L	189	189	189	189	189	189
Lubricant capacity	L	90	90	90	90	90	90
Type		DACY-17/16	DACY-19/14	DACY-20/13	DACY-21/10	DACY-23/10	DACY-25/8
Machine							
Free air delivery*	m ³ /min	17.00	19.00	20.00	21.73	23.00	25.00
	cfm	600	671	706	767	812	883
Normal working pressure	bar(g)	16	14	13	10	10	8
	psi(g)	232	203	189	145	145	116
Maximum design pressure	bar(g)	16	14	13	10	10	8
	psi(g)	232	203	189	145	145	116
Dimensions(without towbar)	L(mm)	3920	3920	3920	3920	3920	3920
	W(mm)	1800	1800	1800	1800	1800	1800
	H(mm)	2380	2380	2380	2380	2380	2380
Weight	kg	4400	4400	4400	4400	4400	4400
Wheel qty		4	4	4	4	4	4
Size and No. of outlet valve		G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1	G 1 ^{**} 1 G 2-1/2 ^{**} 1
Diesel engine							
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		6CTA8.3-C260	6CTA8.3-C260	6CTA8.3-C260	6CTA8.3-C260	6CTA8.3-C260	6CTA8.3-C260
Rated power	kW	194	194	194	194	194	194
	hp	260	260	260	260	260	260
Type		Turbocharging, Charge air cooling					
Bore*Stroke*No. of cylinders	mm	114*135*6	114*135*6	114*135*6	114*135*6	114*135*6	114*135*6
Engine speed (nominal)	RPM	1950	1820	1900	2100	2150	2000
Engine speed (unloaded)	RPM	1400	1400	1400	1400	1400	1400
Engine oil capacity	L	27.6	27.6	27.6	27.6	27.6	27.6
Coolant capacity	L	55	55	55	55	55	55
Storage battery current CCA		720	720	720	720	720	720
Fuel tank capacity	L	400	400	400	400	400	400
Compressor							
Compressed air vessel capacity	L	189	189	189	189	189	189
Lubricant capacity	L	90	90	90	90	90	90

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

Note: Skid-mounted type is available.

Technical parameters

Type		DACY-18/18	DACY-20/16	DACY-22/14	DACY-27/10	DACY-28/8	DACY-22/20
Machine							
Free air delivery*	m ³ /min	19.91	20.00	22.00	27.00	28.00	22.00
	cfm	703	706	777	953	989	777
Normal working pressure	bar(g)	18	16	14	10	8	20
	psi(g)	261	232	203	145	116	290
Maximum design pressure	bar(g)	18	16	14	10	8	20
	psi(g)	261	232	203	145	116	290
Dimensions (without towbar)	L(mm)	4150	4150	4150	4150	4150	4250
	W(mm)	1960	1960	1960	1960	1960	2000
	H(mm)	2450	2450	2450	2450	2450	2650
Weight	kg	4500	4500	4500	4500	4500	5500
Wheel qty		4	4	4	4	4	4
Size and No. of outlet valve		G 1"×1 G 2-1/2"×1	G 1"×1 G 2-1/2"×1	G 1"×1 G 2-1/2"×1	G 1"×1 G 2-1/2"×1	G 1"×1 G 2-1/2"×1	G 1"×1 G 2-1/2"×1
Diesel engine							
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		6LTAA8.9-C325	6LTAA8.9-C325	6LTAA8.9-C325	6LTAA8.9-C325	6LTAA8.9-C325	6LTAA9.5-C360
Rated power	kW	239	239	239	239	239	264
	hp	325	325	325	325	325	360
Type		Turbocharging, Charge air cooling					
Bore*Stroke*No. of cylinders	mm	114*145*6	114*145*6	114*145*6	114*145*6	114*145*6	116.5*148*6
Engine speed (nominal)	RPM	2100	2050	2150	2150	2200	2200
Engine speed (unloaded)	RPM	1400	1400	1400	1400	1400	1400
Engine oil capacity	L	27.6	27.6	27.6	27.6	27.6	27.6
Coolant capacity	L	60	60	60	60	60	65
Storage battery current CCA		830	830	830	830	830	830
Fuel tank capacity	L	590	590	590	590	590	640
Compressor							
Compressed air vessel capacity	L	185	185	185	185	185	215
Lubricant capacity	L	110	110	110	110	110	115
Type		DACY-27/12	DACY-32/10	DACY-26/25	DACY-34/25	DACY-45/10	DACY-33/35
Machine							
Free air delivery*	m ³ /min	27.00	32.00	26.00	34.00	46.38	33.00/39.00
	cfm	953	1130	918	1200	1638	1165/1377
Normal working pressure	bar(g)	12	10	25	25	10	35/25
	psi(g)	174	145	363	363	145	508/363
Maximum design pressure	bar(g)	12	10	25	25	10	35/25
	psi(g)	174	145	363	363	145	508/363
Dimensions (without towbar)	L(mm)	4250	4250	4700	4700	4412	5000
	W(mm)	2000	2000	2100	2100	2160	2200
	H(mm)	2650	2650	2900	2900	2900	2900
Weight	kg	5500	5500	4800	6800	7000	7200
Wheel qty		4	4	4	4	4	4
Size and No. of outlet valve		G 1"×1 G 2-1/2"×1	G 1"×1 G 2-1/2"×1	G 2"×1 G 3/4"×1	G 2"×1 G 3/4"×1	G 1"×1 G 3"×1	G 2"×1 G 3/4"×1
Diesel engine							
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		6LTAA9.5-C360	6LTAA9.5-C360	QSZ13-C550	QSZ13-C550	QSZ13-C550	KTA19-P700
Rated power	kW	264	264	410	410	410	522
	hp	360	360	550	550	550	700
Type		Turbocharging, Charge air cooling					
Bore*Stroke*No. of cylinders	mm	116.5*148*6	116.5*148*6	130*163*6	130*163*6	130*163*6	159*159*6
Engine speed (nominal)	RPM	2200	2200	1800	1800	1850	1800
Engine speed (unloaded)	RPM	1400	1400	1300	1300	1350	1300
Engine oil capacity	L	27.6	27.6	35	35	35	38
Coolant capacity	L	65	65	160	160	160	160
Storage battery current CCA		830	830	930	930	930	300Ah
Fuel tank capacity	L	640	640	600	600	660	800
Compressor							
Compressed air vessel capacity	L	215	215	247	247	247	247
Lubricant capacity	L	115	115	140	140	140	140

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

Note: Skid-mounted type is available.



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