

DENAIR High Pressure Oil-injected Double Screw Air Compressor

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			
DAH-110-18	18	261	13.28	468.9	110	150	Direct Driven Air Cooling/ W-Water cooling	2400	1600	1800	2650	85±3	DN50
DAH-132-18	18	261	16.09	568.1	132	175		2400	1600	1800	2900	85±3	DN50
DAH-160-18	18	261	20.3	716.8	160	215		2800	1700	1900	3800	88±3	DN80
DAH-185-18	18	261	22.46	793.1	185	250		2800	1700	1900	3800	88±3	DN80
DAH-200-18	18	261	27.86	983.7	200	270		3000	1950	2000	4300	88±3	DN80
DAH-220-18	18	261	27.86	983.7	220	300		3000	1950	2000	4600	88±3	DN100
DAH-250-18	18	261	31.86	1125	250	350		3000	1950	2000	4900	88±3	DN100
DAH-280-18	18	261	37.8	1334.7	280	375		3000	1950	2000	5400	90±3	DN100
DAH-315W-18	18	261	43.2	1525.4	315	425		3700	2200	2100	5400	90±3	DN125
DAH-355W-18	18	261	48.6	1716.1	355	475		3700	2200	2100	5800	92±3	DN125
DAH-400W-18	18	261	64.8	2288.1	400	550		4000	2200	2100	5800	93±3	DN80
DAH-110-20	20	290	13.28	468.9	110	150		2400	1600	1800	2650	85±3	DN50
DAH-132-20	20	290	16.09	568.1	132	175		2400	1600	1800	2900	85±3	DN50
DAH-160-20	20	290	20.3	716.8	160	215		2800	1700	1900	3800	88±3	DN80
DAH-185-20	20	290	22.46	793.1	185	250		2800	1700	1900	3800	88±3	DN80
DAH-200-20	20	290	24.3	858	200	270		3000	1950	2000	4300	88±3	DN80
DAH-220-20	20	290	24.3	858	220	300		3000	1950	2000	4500	88±3	DN80
DAH-250-20	20	290	27.86	983.7	250	350		3000	1950	2000	4900	88±3	DN80
DAH-280-20	20	290	29.7	1049	280	375		3000	2200	2000	5100	90±3	DN100
DAH-315W-20	20	290	31.86	1125	315	425		3700	2200	2100	5400	92±3	DN125
DAH-355W-20	20	290	37.8	1334.7	355	475		3700	2200	2100	5800	92±3	DN150
DAH-400W-20	20	290	43.2	1525.4	400	550		4000	2200	2100	6000	95±3	DN150
DAH-110-25	25	363	11.12	392.6	110	150		2400	1600	1800	2650	85±3	DN50
DAH-132-25	25	363	13.28	468.9	132	175		2400	1600	1800	2900	85±3	DN50
DAH-160-25	25	363	16.09	568.1	160	215		2800	1700	1900	3800	88±3	DN80
DAH-185-25	25	363	20.3	716.8	185	250		2800	1700	1900	3800	88±3	DN80
DAH-200-25	25	363	22.46	793.1	200	270		3000	1950	2000	4300	88±3	DN80
DAH-220-25	25	363	22.46	793.1	220	300		3000	1950	2000	4300	88±3	DN80
DAH-250-25	25	363	27.86	983.7	250	350		3000	1950	2000	4900	90±3	DN80
DAH-280-25	25	363	31.86	1125	280	375		3700	2200	2100	5400	92±3	DN100
DAH-315W-25	25		34.6	1222	315	425		3700	2200	2100	5800	92±3	DN125
DAH-355W-25	25	363	37.8	1334.7	355	475		4000	2200	2100	5800	93±3	DN125
DAH-400W-25	25	363	43.2	1525.4	400	550		4000	2200	2100	5800	95±3	DN125
DAH-450-25	25	363	48.6	1716.1	450	615		4200	2200	2100	6200	95±3	DN150
DAH-560-25	25	363	64.8	2288.1	560	765		4200	1800	2100	6200	95±3	DN150
DAH-110-30	30	435	11.12	392.6	110	150		3300	1800	2000	4900	85±3	DN50
DAH-132-35	35	508	11.12	392.6	132	175		3300	1800	2000	4900	85±3	DN50
DAH-132-40	40	580	11.12	392.6	132	175		3300	1800	2000	4900	85±3	DN50

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Optional Control Functions

Remote Control Function (Optional)

During the network of computer monitoring, the computer is the main engine set and the running controller of air compressors is the subordinate engine set. The computer checks the running parameters of each air compressor in turns. After the analysis and calculation, it gets the working pressure, discharge temperature, current of each phase and the running status of air compressors, and then indicates the result for reference. According to the data, users can send the controlling order to the air compressor controller. That realizes the remote monitoring for running air compressors. Users can conveniently check and set the parameters of air compressors by the interface.

Multi-joint Control Function (Optional)

Users can set this function in the intelligent controller to realize the multi-joint function. He also can use the team of air compressors circularly according to the air delivery and pressure to ensure the average running time.

Communication Function (Optional)

Users can set the communication function in the intelligent controller, then transmit the parameters in it by RS485 to PC center controller to realize the centralized control of 16 sets compressors simultaneously, which saves management cost largely and is convenient for remote control of operator.

