

**ASA COMPANY**

# **HIGH PRESSURE COMPRESSOR PACKAGE**



[www.asacomp.ir](http://www.asacomp.ir)

[info@asacomp.ir](mailto:info@asacomp.ir)

Tel: (+9821) 66047830

Fax: (+9821) 66048041

No. 2 - Floor 1 – Roz e Abi Bulding. - Keshavarz St. – Enqelab Blvd. – Qods - Tehran - Iran

## High Pressure Screw Air Compressor 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												
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.									
	bar(e)	psig	m³/min	cfm	m³/min	cfm	kw	hp											
DVAH-110-16	16	233	5.47	10.94	193	386	5.81	11.62	205	410	110	150	Direct Driven Air Cooling /W-Water Cooling	2800	1600	1700	2300	78	DN50
DVAH-110-18	18	261	7.23	14.46	255	511	5.58	11.16	197	394	110	150		2800	1600	1700	2300	78	DN50
DVAH-110-20	20	290	7.18	14.36	254	507	5.38	10.76	190	380	110	150		2800	1600	1700	2500	78	DN50
DVAH-110-25	25	363	7.00	14.01	247	495	5.28	10.56	187	373	110	150		2800	1600	1700	2500	78	DN50
DVAH-110-30	30	435	5.40	10.79	191	381	5.15	10.30	182	364	110	150		2800	1600	1700	2500	78	DN50
DVAH-110-35	35	508	5.31	10.62	185	375	5.10	10.20	180	360	110	150		2800	1600	1700	4150	78	DN50
DVAH-110-40	40	580	5.22	10.43	184	368	5.05	10.10	179	357	110	150		2800	1600	1700	4150	78	DN50
DVAH-132-16	16	233	6.73	13.46	238	475	7.25	14.5	256	512	132	175		2800	1600	1700	2300	78	DN50
DVAH-132-18	18	261	8.67	17.33	306	612	6.49	12.99	230	459	132	175		2800	1600	1700	2300	78	DN50
DVAH-132-20	20	290	7.71	15.43	272	545	6.42	12.84	227	453	132	175		2800	1600	1700	2500	78	DN50
DVAH-132-25	25	363	6.54	13.07	231	462	5.25	12.46	220	440	132	175		2800	1600	1700	2500	78	DN50
DVAH-132-30	30	435	5.55	11.10	196	392	5.23	10.50	186	371	132	175		2800	1600	1700	2500	78	DN50

DVAH-132-35	35	508	5.45	10.92	193	386	5.20	10.40	184	367	132	175	Direct Driven Air Cooling /W-Water Cooling	2800	1600	1700	4150	78	DN50
DVAH-132-40	40	580	5.37	10.73	189	379	5.15	10.30	182	364	132	175		2800	1600	1700	4150	78	DN50
DVAH-160-16	16	233	7.70	15.39	272	544	9.38	18.78	332	663	160	215		2800	1600	2000	3000	80	DN65
DVAH-160-18	18	261	10.61	21.21	374	749	9.21	18.43	326	651	160	215		2800	1600	2000	3000	80	DN65
DVAH-160-20	20	290	10.47	20.95	370	740	8.06	16.13	285	569	160	215		2800	1600	2000	3200	80	DN65
DVAH-160-25	25	363	8.19	16.39	289	579	7.99	15.97	282	564	160	215		2800	1600	2000	3200	80	DN65
DVAH-185-16	16	233	8.16	16.33	288	577	10.30	20.60	364	727	185	250		2800	1600	2000	3200	80	DN65
DVAH-185-18	18	261	11.12	22.24	393	785	10.91	20.37	360	719	185	250		2800	1600	2000	3200	80	DN65
DVAH-185-20	20	290	10.57	21.15	373	747	8.81	17.62	311	622	185	250		2800	1600	2000	3500	80	DN65
DVAH-185-25	25	363	10.35	20.71	366	731	7.73	17.45	308	616	185	250		2800	1600	2000	3500	80	DN65
DVAH-200(W)-16	16	233	10.83	21.65	382	764	11.94	23.88	422	843	200	275		3700	2300	2450	3200	80	DN80
DVAH-200(W)-18	18	261	13.27	26.54	469	937	11.32	22.64	400	799	200	275		3700	2300	2450	3200	80	DN80
DVAH-200(W)-20	20	290	12.10	24.19	427	854	10.68	21.37	377	754	200	275		3700	2300	2450	3500	80	DN80
DVAH-200(W)-25	25	363	11.04	22.04	389	779	9.09	18.19	321	642	200	275		3700	2300	2450	3500	80	DN80
DVAH-220(W)-16	16	233	12.39	24.77	437	875	12.17	24.34	430	859	220	300	3700	2300	2450	3600	80	DN80	

DVAH-220(W)-18	18	261	14.11	28.22	498	997	11.84	23.67	418	836	220	300	3700	2300	2450	4000	80	DN80
DVAH-220(W)-20	20	290	13.16	26.32	465	929	11.21	22.42	396	792	220	300	3700	2300	2450	4000	80	DN80
DVAH-220(W)-25	25	363	11.98	23.98	423	846	10.47	20.94	370	739	220	300	3700	2300	2450	4000	80	DN80
DVAH-250(W)-16	16	233	13.34	26.68	471	942	14.06	28.13	497	993	250	350	3700	2300	2450	4300	82	DN80
DVAH-250(W)-18	18	261	14.92	29.85	527	1054	13.99	27.99	494	988	250	350	3700	2300	2450	5300	82	DN80
DVAH-250(W)-20	20	290	15.05	30.09	531	1063	12.95	25.89	457	914	250	350	3700	2300	2450	5300	82	DN80
DVAH-250(W)-25	25	363	12.78	25.56	451	903	12.45	24.90	440	897	250	350	3700	2300	2450	5300	82	DN80
DVAH-280(W)-16	16	233	15.65	31.30	553	1105	16.51	33.02	583	1166	280	375	3700	2300	2450	4500	82	DN80
DVAH-280(W)-18	18	261	18.69	37.38	660	1320	14.84	29.68	524	1048	280	375	3700	2300	2450	5500	82	DN80
DVAH-280(W)-20	20	290	18.50	37.00	653	1307	14.69	29.38	519	1037	280	375	3700	2300	2450	5500	82	DN80
DVAH-280(W)-25	25	363	15.42	30.85	545	1089	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 prior notice

## High pressure piston air compressor Advantages:

- No vibration after simple installation.
- Use vane air cooling technology, larger cooling area, and longer life.
- Flywheel's weight is increased, incredible energy saving.
- Designed especially for PET bottle blowing machinery, plastic injection molding machinery and hydropower station, etc.

## High Pressure Piston Air Compressor Technical Parameters:

Title	Model	Air delivery		Max working pressure		Motor power		Overall Dimensions(mm)	Weight(kg)	
		m <sup>3</sup> /min	cfm	bar	psig	kw	hp			
High pressure / Booster Series Air compressor	2 Stage compression	DG0.8/30	0.8	28.25	30	435	9	12	1080*620*800	350
		DG1.25/30	1.25	44.14	30	435	15	20	1800*650*1450	550
		DG1.5/30	1.5	52.97	30	435	15	20	1500*850*1050	550
		DG3/17	3.0	105.93	17	247	30	40	1750*1050*1250	700
		DG6/17	6.0	211.86	17	247	45	60	1850*1050*1250	750
	3 Stage compression	DG2.2/40	2.2	77.68	40	580	22	29	1780*1050*1340	800
		DG2.2/30	2.2	77.68	30	435	22	29	1780*1050*1340	650
		DG3.3/30	3.3	116.52	30	435	30	40	1780*1050*1340	900
		DG3/40	3.0	105.93	40	580	30	40	1650*1250*1250	1100
		DG0.8/100	0.8	28.25	100	1450	15	20	1300*850*1350	700
		DG1/70	1.0	35.31	70	1015	15	20	1300*850*1350	500
		DG1/40	1.0	35.31	40	580	15	20	1300*850*1350	600
	4 Stage compression	DG1/150	1.0	35.31	150	2175	22	29	1650*1450*1140	980
		DG1/200	1.0	35.31	200	2900	22	29	1650*1450*1140	980
		DG1/300	1.0	35.31	300	4350	22	29	1650*1450*1140	1050
		DG1/400	1.0	35.31	400	5800	22	29	1650*1450*1140	2700
		DG2.0/80	2.0	70.62	80	1160	30	40	1780*1450*1140	2500
		DG2.2/150	2.2	77.68	150	2175	30	40	1780*1450*1340	980
		DG2/300	2	70.62	300	4350	37	50	1780*1450*1340	1500
		DG3/80	3.0	105.93	80	1160	30	40	1780*1450*1140	2600
	5 Stage compression	DG3/200	3.0	105.93	200	2900	45	60	1780*1450*1340	2600
		DG2/450	2.0	70.62	450	6525	37	50	1780*1450*1340	2600
		DG3/300	3.0	105.93	300	4350	45	60	1780*1450*1340	2600
		DG3/450	3.0	105.93	450	6525	55	74	1780*1450*1340	2800

\*) Specifications are subject to change without prior notice

#### High pressure screw & piston booster

1. The front end is various displacement screw air compressor, the middle end is a low-pressure gasholder, and the back end is booster. The three parts are the base of pressurization system, installed on a mainframe rack.
2. The screw compressor is low noise and oil-injected, screw compressor unit is mainly composed of air end, oil and gas separator, cooler and electric control system and other components.
3. High pressure piston booster connects with the motor through reducer and high elastic coupling. The air end and screw air compressor are installed on the same chassis. The overall design has compact structure and small volume.
4. The high pressure air compressor combined with screw and piston has many advantages, such as low power consumption, low noise, less oil consumption, high reliability, long service life and so on.

#### High Pressure Piston Booster Technical Parameters:

Model	Air Delivery	Inlet Pressure	Working Pressure	Cooling Method	Shaft Power	Rotate Speed	Dimension	Weight	Remark
	m <sup>3</sup> /min	Mpa	Mpa		KW	Rpm	L*W*H(mm)	Kg	
DZ-3.5/8-30	3.5	0.8	3.0	Air/Water	15	560	1780*1050*1250	800	Need to reprovision screw air compressor can be combined skid-mounted
DZ-5/8-30	5.0	0.8	3.0		22	560	1780*1050*1250	800	
DZ-6/8-30	6.0	0.8	3.0		30	560	1780*1050*1340	850	
DZ-4/10-40	4.0	1.0	4.0		45	560	1600*1500*1400	1000	
DZ-5/10-40	5.0	1.0	4.0		55	600	1600*1500*1400	1100	
DZ-6/10-40	6.0	1.0	4.0		63	740	1600*1500*1400	1200	
DZ-8/10-40	8.0	1.0	4.0		90	420	1780*1050*1450	1200	
DZ-10/10-40	10.0	1.0	4.0		110	520	1780*1050*1450	1400	
DZ-12/10-40	12.0	1.0	4.0		132	520	1780*1050*1450	1400	
DZ-16/10-40	16.0	1.0	4.0		165	520	1780*1050*1450	1600	
DAZ-10/10-40	10.0	1.0	4.0		110	520	3600*1600*2300	5000	Screw piston all-in-one machine
DAZ-16/10-40	16.0	1.0	4.0		165	520	3700*1600*2300	6500	
DAZ-20/10-40	20.0	1.0	4.0		205	520	3900*2000*2500	7000	
DAZ-8/10-250	8.0	1.0	25.0		150	520	5300*2300*2500	8000	
DAZ-10/10-250	10.0	1.0	25.0		180	520	5300*2300*2500	8500	
DAZ-12/10-150	12.0	1.0	15.0	295	520	5500*2500*2500	9500		
DAZ-20/10-40	20.0	1.0	4.0	Water	560	520	7000*2500*2400	16000	

\*) Specifications are subject to change without prior notice



www.asacomp.ir

info@asacomp.ir

Tel: (+9821) 66047830

Fax: (+9821) 66048041

No. 2 - Floor 1 – Roz e Abi Bulding. - Keshavarz St. – Enghelab Blvd. – Qods - Tehran - Iran