

hertz
KOMPRESSOREN



HVD
Rotary Screw Air Compressor
7,5-100 HP

18-490
cfm

7,5-100
HP

100-125
150-175
psi



HVD SERIES

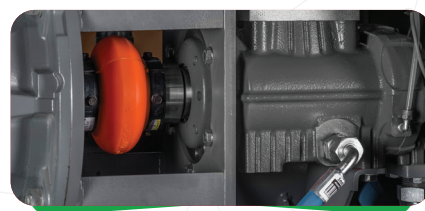
*Oil Injected, Direct Coupled, Variable Speed
Rotary Screw Air Compressor*

Thanks to its high quality equipment and advanced engineering design, it provides an efficient and flexible use according to your industrial production needs.



Advantages

- Easily accessible parts for reduced maintenance costs.
- Protective covers can be removed and fitted quickly for easy servicing.
- Controllers allow ease of access and use.
- It provides energy saving with variable speed feature.





General Features

- High-quality, easy-to-replace components with a long service life
- Next gen screw block and motor
- Electronic control
- Direct coupled
- Soft starter (optional)
- Water cooling (optional)
- Tank mounted (optional)
- Integrated dryer and heat recovery (optional)
- Food grade oil suitable for food production



Screw Block

- Specially selected, durable screw blocks for different capacity needs
- New rotor profiles for reduced loss air production and lower torque requirements
- Next gen bearing design for improved load resistance capabilities



Oil Filter

- Highly efficient immersion-type separator with long service life
- Easy maintenance
- Compact design



Electronic Control

- Without the need for an external main controller, ability to co-aged work synchronized with Master/Slave for up to two compressors
- Internal ModBus communication
- User-friendly on-screen interface
- Alarm log records last 20 alarms
- Weekly scheduler for starting/stopping the machine at 3 different time intervals can be individually set for each day of the week (55 kW and above)
- Maintenance warnings and history (55 kW and above)



Model	Pressure		Capacity*				Motor	Connection	Dimensions (in.)			Weight
	psi	bar	Minimum		Maximum				Length	Width	Height	
			cfm	m³/min	cfm	m³/min						lbs
HVD 5	100	6,9	21	0,6	31	0,9	7,5/5,5	1/2" NPT	41	26	38	569
	125	8,6	19	0,5	28	0,8						
	150	10,3	19	0,5	24	0,7						
HVD 7	100	6,9	18	0,5	46	1,3	10/7,5	1/2" NPT	41	26	38	686
	125	8,6	20	0,6	42	1,2						
	150	10,3	18	0,5	35	1						
	175	12,1	18	0,5	30	0,8						
HVD 11	100	6,9	19	0,5	66	1,9	15/11	3/4" NPT	47	30	46	683
	125	8,6	19	0,5	63	1,8						
	150	10,3	19	0,5	56	1,6						
	175	12,1	23	0,6	49	1,4						
HVD 15	100	6,9	28	0,8	92	2,6	20/15	3/4" NPT	47	30	46	772
	125	8,6	28	0,8	83	2,3						
	150	10,3	27	0,7	77	2,2						
	175	12,1	35	1	65	1,8						
HVD 18	100	6,9	38	1,1	113	3,2	25/18,5	1" NPT	64	33	55	1385
	125	8,6	38	1,1	104	2,9						
	150	10,3	37	1	96	2,7						
	175	12,1	36	1	83	2,3						
HVD 22	100	6,9	38	1,1	137	3,9	30/22	1" NPT	64	33	55	1429
	125	8,6	38	1,1	131	3,7						
	150	10,3	37	1,1	122	3,5						
	175	12,1	38	1,1	112	3,2						
HVD 30	100	6,9	37	1	193	5,4	40/30	1 1/4" NPT	80	44	64	2610
	125	8,6	36	1	172	4,9						
	150	10,3	36	1	162	4,6						
	175	12,1	36	1	147	4,2						
HVD 37	100	6,9	60	1,7	236	6,7	50/37	1 1/4" NPT	80	44	64	2831
	125	8,6	60	1,7	217	6,1						
	150	10,3	60	1,7	203	5,7						
	175	12,1	61	1,7	185	5,2						
HVD 45	100	6,9	99	2,8	311	8,8	60/45	1 1/4" NPT	80	44	64	2976
	125	8,6	99	2,8	283	8						
	150	10,3	111	3,1	254	7,2						
	175	12,1	152	4,3	224	6,3						
HVD 55	100	6,9	94	2,6	351	9,9	75/55	2" NPT	91	54	82	4840
	125	8,6	97	2,7	334	9,4						
	150	10,3	97	2,7	309	8,7						
	175	12,1	153	4,3	266	7,5						
HVD 75	100	6,9	237	6,7	490	13,9	100/75	2" NPT	91	54	82	5390
	125	8,6	233	6,6	438	12,4						
	150	10,3	226	6,4	409	11,6						
	175	12,1	226	6,4	366	10,3						

- Unit performances measured in reference conditions which are 1 bar /14.5 psig absolute air pressure, %0 relative humidity, 20°C /68 °F inlet air temperature, 71°C/160 °F thermostatic valve set temperature and use of Smartoil.

- HERTZ KOMPRESSOREN reserves its rights to make changes in its products and specifications without prior notice.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.



PERFORMANCE
VERIFICATION
PROGRAM