

DS VSD MODELS, 22-250kW
7.5-13 BAR 4.13 - 52.70m³/min

NEXUS Series Double Stage Compressor

- NEXUS DS series compressors are designed to provide low cost of ownership throughout their entire life cycle. Compressed air is essential to most manufacturing operations, with facility performance heavily reliant on compressor reliability and efficiency.

- Power consumption represents a major expense over the lifespan of a compressor, making it essential to evaluate the life cycle cost of a compressed air system when seeking productivity improvements.

- NEXUS DS series, with its advanced energy-saving features, significantly reduces operational costs, ensuring both efficiency and long-term savings.

- Continuous advancements have resulted in over 15% increased efficiency compared to earlier models.

- This advanced engineering results in high efficiency, reliability, and substantial long-term savings, making NEXUS DS series an excellent choice for facilities seeking top-tier performance.



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Key features of NEXUS DS series include:

- Two-stage air end design for high flow rates and reduced power consumption.
- Direct drive through gears, enabling the motor and air end to operate at a slow speed for enhanced efficiency.
- Low part-load energy consumption, contributing to reduced operational costs.
- Stable system pressure reduces pressure fluctuations and lowers overall air demand.
- Slow-speed male rotors maximize performance and boost reliability.
- Decreased energy consumption, which not only cuts costs but also reduces the carbon footprint.
- Tight tolerances, ensuring maximum efficiency and performance.



Model	Pressure (bar)	Capacity FAD *				Power		Air Connection	Dimensions W x L x H mm	Weight kg	Noise Level dB(A)
		m ³ /min		cfm		kw	HP				
		max	min	max	min						
NEXUS DS VSD 22	7.5	4,13	2,49	146	88	22	30	1"	800 x 1260 x 1265	530	72
	10	3,40	2,05	120	72						
	13	2,60	1,57	92	55						
NEXUS DS VSD 30	7.5	5,94	3,58	210	126	30	37	1 1/4"	1000 x 1600 x 1385	620	72
	10	4,04	2,43	143	86						
	13	3,25	1,96	115	69						
NEXUS DS VSD 37	7.5	6,88	4,14	243	146	37	45	1 1/4"	1000 x 1600 x 1385	670	72
	10	5,74	3,46	203	122						
	13	3,87	2,33	137	82						
NEXUS DS VSD 45	7.5	9,06	5,46	320	193	45	60	1 1/2"	1400 x 1200 x 1590	925	74
	10	6,75	4,07	238	144						
	13	5,55	3,34	196	118						
NEXUS DS VSD 55	7.5	12,15	7,32	429	258	55	75	1 1/2"	1500 x 1300 x 1700	1010	74
	10	9,30	5,60	328	198						
	13	6,43	3,87	227	137						
NEXUS DS VSD 75	7.5	15,15	9,13	535	322	75	100	2"	1240 x 2440 x 1700	1400	79
	10	12,05	7,26	426	256						
	13	10,16	6,12	359	216						
NEXUS DS VSD 90	7.5	19,00	11,45	671	404	90	125	2"	1340 x 2440 x 1720	1750	82
	10	15,06	9,07	532	320						
	13	11,93	7,19	421	254						
NEXUS DS VSD 110	7.5	22,32	13,45	788	475	110	150	2"	1700 x 2940 x 2020	2040	84
	10	18,80	11,33	664	400						
	13	14,91	8,98	527	317						
NEXUS DS VSD 132	7.5	26,46	15,94	934	563	132	180	2"	1700 x 2940 x 2020	2240	84
	10	22,15	13,34	782	471						
	13	18,70	11,27	660	398						
NEXUS DS VSD 160	7.5	32,05	19,31	1132	682	160	220	2 1/2"	2000 x 2500 x 1940	2580	86
	10	26,25	15,81	927	558						
	13	23,56	14,19	832	501						
NEXUS DS VSD 200	7.5	41,05	24,73	1450	873	200	270	3"	2750 x 1800 x 1980	3340	88
	10	31,50	18,98	1112	670						
	13	26,48	15,95	935	563						
NEXUS DS VSD 250	7.5	52,70	31,75	1861	1121	250	340	3"	4000 x 2000 x 2000	4680	88
	10	40,80	24,58	1441	868						
	13	34,63	20,86	1223	737						

