

DCT Fixed Speed Base Mount Air Compressors

100hp – 420hp



Internal circuit and rotor profile optimised to lessen pressure drops and ensuring 8% less energy consumption.

Electrical cabinet IP54 class protection

Dual air oil cooling fans with vertical radiators allows 50-degree ambient temperature operation as standard.

5 year / 10,000 hour warranty

Compact design ensures minimal footprint with maximum quality compressed air

Very quiet full load operation –Elastic Direct Drive Coupling Element, 4 Pole Asynchronous Motor, vibration Damping Mounted and Industry leading Sound Insulation

DESCRIPTION

Designed to the highest possible standards and to suit the Australian conditions, the DCT range is the market leading Air Compressor range when quality, performance, efficiency, and reliability are considered. Manufactured in Italy, the DCT range can operate efficiently in ambient temperatures of up to 50 degrees by utilising the specialised double cooling fans and double air and oil coolers. This in turn lowers the temperature of the air supply to the compressed air dryer, once more increasing efficiency. The radiators have been designed in a vertical position to ensure dust or debris does not settle into the fins.

MODEL	MOTOR POWER		PRESSURE		FLOW RATE		NOISE LEVEL	POWER	OUTLET	DIMENSIONS	WEIGHT
	SB	kW	Hp	Bar	Psi	l/min					
DCT100	75	100	8	116	12686	448	74	400/50/3	G2"	2092 x 1521 x 1956	2150
			10	145	11100	392					
			13	188	9486	335					
DCT125	90	125	8	116	15800	558	76	400/50/3	G2"	2092 x 1521 x 1956	2446
			10	145	12912	456					
			13	188	11609	410					
DCT150	110	150	8	116	19113	675	76	400/50/3	DN80	2981 x 1852 x 2020	3199
			10	145	15291	540					
			13	188	13308	470					
DCT180	132	180	8	116	21803	770	78	400/50/3	DN100	3282 x 1879 x 2121	3601
			10	145	18802	664					
			13	188	15489	547					
DCT220	160	220	8	116	25711	908	78	400/50/3	DN100	3276 x 1879 x 2120	3899
			10	145	24210	855					
			13	188	20303	717					
DCT270	200	270	8	116	31290	1105	78	400/50/3	DN100	3449 x 1998 x 2151	4999
			10	145	29109	1028					
			13	188	22795	805					
DCT340	250	340	8	116	41201	1455	78	400/50/3	DN125	4000 x 2151 x 2250	7000
			10	145	37208	1314					
			13	188	31488	1112					
DCT420	315	420	8	116	52102	1840	78	400/50/3	DN125	4000 x 2151 x 2250	7599
			10	145	47005	1660					
			13	188	38312	1353					



DCT TRANSMISSION COUPLING

The DCT range is driven by the unique DCT transmission coupling. This no maintenance coupling is a non-lubricated, flexible polyurethane element and when replacement is required, the design ensures there is no need to remove hubs or realign the motor or pump.

EFFICIENT AND TIME SAVING

The DCT range is designed for efficient and time saving service and maintenance. Equipped with an external motor bearing lubrication point ensures the servicing can be completed at required intervals without removing any panels of the machine.

BACKED BY FOCUS INDUSTRIAL'S 5 YEAR / 10,000H WARRANTY

The DCT range is guaranteed to supply clean and efficient compressed air whilst ensuring peace of mind for clients for not only the full warranty period, but for the entire service life. With spare parts and consumables readily available, the service and maintenance can occur in small timeframes to decrease machine downtime.

KTRONIC 1000 CONTROLLER

The class leading Ktronic 1000 Controller is a standard inclusion with the DCT Air Compressor Range. This multifunctional controller houses many features. A full touch screen display gives access to the programs and functions. The Ktronic1000 has the capacity to offer remote stop-start and auto restart function, weekly start-stop programming, scheduled pressure timing setup, energy power monitoring, RS48 connection for Modbus, network master-slave function for up to 16 units, two stage pressure and temperature monitor, integrated wifi network connection, optional remote monitoring. This fully functional display system will ensure you stay on top of power savings and parameters/maintenance.

PROTECTION

Phase reversal protection, overheat protection, motor TH protection, emergency stop protection, overpressure protection and backflow oil prevention.

EXTERNAL MOTOR

External motor bearing lubrication point

LAN CONNECTION

Lan Connection allows for remote control operation from PC/Smartphone.

LOW RPM

Low RPM allows for longer bearing service life.

REPLACEABLE COUPLING ELEMENT

Coupling element replaceable without hub removal or motor/pump realignment needed

LOWER AIR OUTLET TEMPERATURE

Lower air outlet temperature to improve dryer performance.