

TANK MOUNTED AIR COMPRESSOR



Integration Series

Integration (PM) series

The displacement volume of the integration type unit series of 'BTD 5~22 A - TM with the cooling and drying machine: 0.7- 3.5m³, pressure: 7-16bar, motor power: 5KW-22KW. The cooling and drying machine is set up in the case of the compressor, and there is no extra room and extra installation cost for the cooling and drying machine and it can be connected by all the pipes and interior cables. The series of the compressor enjoys the compact structure and little area. Its usage is very simple and convenient, and the air pipe can be used only when the power source is turned, with no need of allocating the cooling and drying machine and the pipeline again. The overall performance design enjoys incomparable advantages;

If necessary, the operation of the compressor can be set up as the way without the cooling and drying machine, and it can be fulfilled by the existing and simple bypasses in the system. If there is a failure for the cooling and drying machine, the simple bypass can guarantee the continuous operation of the compressor;

The whirlwind type separation of air and water equipped with the condensed liquid should be set up in front of the cooling and drying machine, and the majority of the condensed liquid will be removed before the cooling and drying machine. The cooling and drying machine is equipped with an electrical condensed liquid expeller of the liquid level control with no loss, also as the standard equipment. The operation control and inspection display of the cooling and drying machine will be clearly shown on the control panel of the compressor. The daily maintenance of the cooling and drying machine and the compressor is very convenient and will not influence each other.



Integration Series

Simple & quick maintenance

Patented cooler for easy cleaning and maintenance.
Grouped service points accessible through the removable panel. Spin-on oil separator and filter.



Integrated quality air solutions

The integrated dryer avoids condensation and corrosion in the network. Optional filters for air quality up to class 1 level (<0.01 ppm).
Standard included water-separator.
Additional energy savings with the dryer's no-loss mechanic drain.



Easy installation

Wireless concept.
Multiple variants (floor and tank mounted, with or without integrated dryer) for full flexibility.
Minimum footprint and cooling air discharge from the top allows placement against the wall or in a corner.

product parameters

PM Integration Type Screw Air Compressor														
Technical Data														
Model	Discharge Capacity (m³/min)				Motor Power (KW/HP)	Noise Level dB(A)	Exhaust temperature °C	Intake air temperature °C	Oil content ppm	Outlet Connection	Dimension(mm)			Weight (kg)
	8bar	10bar	13bar	16bar							L	W	H	
Direct coupling type														
BTD-5A FF TM	0.7	0.6	0.4	0.3	5.5/7.5	≤75±2	≤environment temperature+8°C	≤45°C	≈2	3/4"	1900	750	1635	400
BTD-5A FF PM TM	0.7	0.6	0.4	0.3	5.5/7.5	≤75±2	≤environment temperature+8°C	≤45°C	≈2	3/4"	1500	820	1530	380
BTD-8A FF TM	1	0.9	0.7	0.5	7.5/10	≤75±2	≤environment temperature+8°C	≤45°C	≈2	3/4"	1900	750	1635	420
BTD-8A FF PM TM	1	0.9	0.7	0.5	7.5/10	≤75±2	≤environment temperature+8°C	≤45°C	≈2	3/4"	1500	820	1530	400
BTD-11A FF TM	1.7	1.5	1.2	1	11/15	≤75±2	≤environment temperature+8°C	≤45°C	≈2	3/4"	1900	750	1635	440
BTD-11A FF PM TM	1.7	1.5	1.2	1	11/15	≤75±2	≤environment temperature+8°C	≤45°C	≈2	3/4"	1500	820	1530	420
BTD-15A FF TM	2.3	2	1.7	1.5	15/20	≤75±2	≤environment temperature+8°C	≤45°C	≈2	3/4"	1900	750	1635	470
BTD-15A FF PM TM	2.3	2	1.7	1.5	15/20	≤75±2	≤environment temperature+8°C	≤45°C	≈2	3/4"	1500	820	1530	450
BTD-22A FF PM TM	3.5	3.1	2.6	2.2	22/30	≤75±2	≤environment temperature+8°C	≤45°C	≈2	3/4"	2000	890	1800	700

Special air compressors and hydraulic motor driven air compressors can be customized according to customer requirements



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