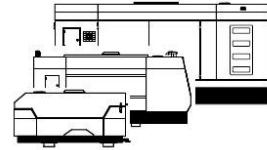


# Technical Catalogue for High Pressure Compressors



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# Air Compressor Selection Chart

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## High Pressure Compressors

Product Model	Discharge Flux		Discharge Pressure (bar)	Engine Model	Emission Class	Speed (RPM)	Power (kW)	Product Appearance
	m <sup>3</sup> /min	cu.ft/min						
DR100-8	2.8	100.0	14.0	4D2.3A-C41	Tier 2	2600.0	30.0	
DR120-10	3.3	120.0	14.0	4D2.3A-C41	Tier 2	2600.0	30.0	
DR165-8	4.5	160.0	14.0	4D2.7A-C54	Tier 2	2700.0	40.0	
DR200-10	8.1	200.0	14.0	4DT3.2C-C75	Tier 2	2500.0	55.0	
DR225-13	11	233.0	17.0	4DT4.1C-C93	Tier 2	2600.0	132.0	
DR285-8	11	288.0	17.0	4DT3.2C-C75	Tier 2	2600.0	132.0	
DR300-10	11	304.0	17.0	4BTA3.9-C125	N/A	2200.0	93.0	
DR300-13	11	298.0	17.0	6BTA5.9-C180	N/A	2200.0	132.0	
DR375-8	11	375.0	17.0	4BTA3.9-C125	N/A	2200.0	93.0	
DR400-8	11.5	405.0	17.0	4BTA3.9-C125	N/A	2200.0	93.0	
DR400-10	11.4	401.0	17.0	6BTA5.9-C180	N/A	2200.0	132.0	
DR400-12	11.3	398.0	17.0	6BTA5.9-C180	N/A	2200.0	132.0	
DR400-14	11.4	401.0	17.0	6BTA5.9-C180	N/A	2200.0	132.0	
DR480-8	13.7	485.0	17.0	6BTA5.9-C180	N/A	2200.0	132.0	
DR480-13	13.5	476.0	17.0	6BTA5.9-C180	N/A	2200.0	132.0	
DR550-10	16.3	576.0	17.0	6BTA5.9-C180	N/A	2200.0	132.0	
DR550-13	16.1	569.0	17.0	6CTA8.3-C240	N/A	1900.0	176.0	
DR600-14	17.0	601.0	17.0	6CTA8.3-C260	N/A	1900.0	195.0	
<b>DR700-8</b>	19.2	679.0	<b>17.0</b>	6BTA5.9-C180	N/A	2200.0	132.0	
DR700-10	19.8	700.0	17.0	6CTA8.3-C240	N/A	1900.0	176.0	
DR750-8	21.5	760.0	17.0	6CTA8.3-C240	N/A	1900.0	176.0	
DR750-10	21.5	760.0	21.0	6CTA8.3-C260	N/A	1900.0	195.0	
DR750-10T	21.5	760.0	21.0	6CTA8.3-C260	N/A	1900.0	195.0	
DR850-7	24.1	852.0	21.0	6CTA8.3-C240	N/A	1900.0	176.0	
DR750-13	21.0	750.0	21.0	6LTAA8.9-C325	Tier 2	2000.0	230.0	
DR825-10	25.0	880.0	21.0	6LTAA8.9-C325	Tier 2	1900.0	230.0	
DR850-13	23.8	841.0	21.0	6LTAA8.9-C360	Tier 2	1900.0	250.0	
DR850-13T	23.8	841.0	23.0	6LTAA8.9-C360	Tier 2	1900.0	250.0	
DR900-10	25.8	912.0	23.0	6LTAA8.9-C325	Tier 2	2000.0	230.0	
DR900-10T	25.8	912.0	23.0	6LTAA8.9-C325	Tier 2	2000.0	230.0	
DR900-12	25.8	912.0	23.0	6LTAA8.9-C360	Tier 2	2000.0	256.0	
DR900-10	25.7	908.0	23.0	6LTAA8.9-C360	Tier 2	2000.0	230.0	



**Note:**

- The technical data are based on following standard conditions:  
 Absolute atmospheric pressure: 1.0bar  
 Ambient temperature: 20° C  
 Relative air humidity: 60%

- About detailed technical information, please contact Powerlink to get technical data sheet and drawing.



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## High Pressure Compressors

### Type of Compressor:

**Diesel**

**Equipped with  
SPECIAL features**



### Intake System

- ☑ The device is equipped with a two-stage air filtration system with safety filter, which enables the total efficiency to reach 99.98% and ensures the air compressor is not be infringed by dust and dirty particles. When the filter needs to be replaced, the damping displayer will warn you timely. A pre-filter can be equipped under harsher and more dusty environments for extending the maintenance time of the air filter and service life of the engine.
- ☑ The intake system of the compressor adopts a butterfly valve mechanism and has a switching quantities adjustment function as well as a continuous adjustment function. The scope of stepless adjustment can reach 0-100% for air path control, which improves fuel economic efficiency under the condition that working pressure stability is guaranteed.

### Cooling System

- ☑ High-performance fin type structure is designed with a high-temperature resistance ability, which can run for a long time under extreme cold or hot temperature from -20 °C to 60 °C; a safety protection cover is equipped.

### Shock Absorption System

- ☑ Vibration isolators are fitted between the engine, compressor and base frame, which can effectively reduce vibration and ensure stable running.

### Information Security

- ☑ Monitoring system is equipped to monitor the operational parameters in real time
- ☑ Multiple data display, monitor, warning and shutdown functions.



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## High Pressure Compressors

### Operational Safety

- ☑ The radiator and high-speed rotating parts are equipped with protection covers; the heat pipe is protected by high-temperature cloth for avoiding injury caused by direct contact between people and machine.
- ☑ Radiator is equipped with a low water level protection function, water injection observation window and recovery tank.
- ☑ The machine is equipped with a battery isolator switch, which can prevent sudden starting up of the unit during maintenance.
- ☑ Air-oil separator and air filter are equipped with alarm indicators for periodic maintenance.



### Advanced Waterproof and Dustproof Design

- ☑ The rainproof and dustproof design adopted by the control cabinet, each access door and assembly board is able to prevent rain and dust from entering, which can greatly improve protection class.

### Personalized Design

- ☑ With reliable automatic functions, operators don't have to go through long term professional training, and unattended operation can be achieved.
- ☑ Control system adopts digital technology with microprocessor as core; control switch and indicating instrument are integrated at the same panel, which can facilitate real-time monitoring of operator.
- ☑ Starting up and fault automatic alarm device.
- ☑ Multiple languages are optional.



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## High Pressure Compressors

