

Diesel Engine Running Type

# BDP Series

BUILT ON TRUST



Full automatic air volume adjusting system

In accordance with the demand of different air volume, the production can be adjusted automatically and illimitably from 0 to 100 %. When the compressor is in unloading status, engine is running in idle status for the most economic operation.

## Automatic protection

The auto stop protection is activated when the following conditions are come up.

The cooling water temperature of diesel engine is higher than 95°C

The motor is overloaded

The air exhaust temperature is higher than 125°C

The exhaust air pressure is higher than set value

## BDP Series Diesel Engine Running Compressor Specification

Model		BDP 58-7/7	BDP 58-7/7	BDP 72-8/8	BDP 75-8/8	BDP 110-12/8	BDP 110-10/13	BDP 110-12/8	BDP 110-10/13	BDP 132-12/14	BDP 132-17/8	BDP 132-17.5/10
Airend	Rated Operating Pressure (bar)	7	7	8	8	8	13	8	13	14	8	10
	Free Air Delivery (m <sup>3</sup> /min)	7	7	8	8	12	10	12	10	12	17	17.5
	Noise level dB(A)	82	82	82	83	85	85	85	85	87	88	87
	Power (kW/HP)	27.5	27.5	45	45	60	60	60	60	60	60	60
Engine	Manufacturer	Yuchai	Cummins	Yuchai	Cummins	Yuchai	Yuchai	Cummins	Cummins	Cummins	Cummins	Cummins
	Power (kW/HP)	58/80	58/80	75/105	75/105	110/150	110/150	110/150	110/150	132/180	132/180	132/180
	Output volume (L)	4.2	3.9	4.2	3.9	6.8	6.8	5.9	5.9	5.9	5.9	5.9
	Output level	GB II	GB II	GB II	GB II	GB II	GB II	GB II	GB II	European standard II/III		
	Full load speed RPM	2200	2200	2200	2200	2200	2200	2000	2000	2000	2000	2000
	Engine oil volume (L)	9	8.3	12	12	17	17	17	17	17	17	17
	Cooling fluid volume (L)	25	25	35	35	50	50	50	50	50	50	50
	Fuel tank volume (L)	100	100	100	100	160	160	160	160	160	160	160
<b>Dimension - L x W x H (mm)</b>	2700 x 1500 x 1700					3300 x 1600 x 2100						
<b>Weight (kg)</b>	1950					2800						
<b>Outlet diameter</b>						1-G1" 1-G1 1/2"						

Model		BDP 160-15/14	BDP 176-20/8	BDP 176-17/14	BDP 190-17/17	BDP 190-18/19	BDP 240-14/25	BDP 240-17/23.8	BDP 240-22/20	BDP 260-25/17	BDP 260-25/20
Airend	Rated Operating Pressure (bar)	14	8	14	17	19	17	21	21	20	22
	Free Air Delivery (m <sup>3</sup> /min)	15	20	17	17	18	23.8	22	22	25	27
	Noise level dB(A)	87	87	89	90	89	89	89	89	89	92
	Power (kW/HP)	60	85	85	85	120	120	120	120	120	120
Engine	Manufacturer	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Yuchai
	Power (kW/HP)	160/215	176/240	176/240	190/260	190/260	240/325	240/325	240/325	260/360	288/400
	Output volume (L)	8.3	8.3	8.3	8.3	8.3	8.9	8.9	8.9	8.9	9.84
	Output level	GB II	GB II	GB II	GB II	GB II	GB II	GB II	GB II	GB II	GB II
	Full load speed RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
	Engine oil volume (L)	18	18	18	18	18	27.6	27.6	27.6	27.6	27.6
	Cooling fluid volume (L)	60	60	60	60	60	78	78	78	78	78
Fuel tank volume (L)	380	380	380	380	380	450	450	450	450	450	
Dimension - L x W x H (mm)	3500 x 1900 x 2200						4000 x 2000 x 2500				
Weight (kg)	1950						4650				
Outlet diameter	1-G1" 1-G1 1/2"						1-G3/4" 1-G1" 1-G2"				



**BUILT ON TRUST**

505DUKAM-RI, JUCHON-MYON, GIMHAE-CITY, GYEONGNAM, KOREA (Zip Code: 621-843)

TEL: +82-55-337-9891-3

FAX: + 82-55-337-9894