

# BOX SERIES

■ THE BOX SERIES IS DESIGNED FOR MOUNTING ON PICK-UP TRUCKS, AND FOR STOWING/ OPERATING IN CONFINED SPACES. DAILY MAINTENANCE CAN BE DONE FROM ONE SIDE.



PDS175S



PDS100S



PDS265S



PDS390S

## BOX SERIES SPECIFICATION

Model	PDS55S -5c1	PDS75S -5c1	PDS100S -5c1	PDS130S -5c3
<b>COMPRESSOR</b>	Rotary Twin Screw, Single-Stage, Oil-cooled			
Type	Rotary Twin Screw, Single-Stage, Oil-cooled			
Free Air Delivery m <sup>3</sup> /min	1.56	2.1	2.8	3.7
Rated Operating Pressure kg/cm <sup>2</sup> (PSIG)(kPa)	7(100)(690)	7(100)(690)	7(100)(690)	7(100)(690)
Receiver Tank Capacity m <sup>3</sup> (US gal)	0.017(4.5)	0.02(5.3)	0.02(5.3)	0.02(5.3)
Air Outlets	20A(3/4")×1pc	20A(3/4")×2pcs	20A(3/4")×2pcs	20A(3/4")×2pcs
Make/Model	IHI SHIBAURA E673L-D	IHI SHIBAURA S753-D	IHI SHIBAURA S733L-D	YANMAR 3TNV88-BDHK
<b>ENGINE</b>	4 cycle, water cooled, swirl-chamber type			4 cycle, water cooled, direct injection type
Type	4 cycle, water cooled, swirl-chamber type			4 cycle, water cooled, direct injection type
No. of Cylinder	3	3	3	3
Total Displacement cc	761	954	1,131	1,642
Rated Output ps(kW)/rpm	10.5(14)/3,200	20.7(15.2)/3,500	25.8(19)/3,500	26.5(19.5)/3,000
Fuel Tank Capacity Liters(US gal)	18(4.8)	28(7.9)	28(7.9)	70(18.5)
Lubrication Oil Capacity Liters(US gal)	3.0(0.8)	4.5(1.2)	4.8(1.3)	6.7(1.8)
<b>DIMENSION &amp; WEIGHT</b>				
Overall Length mm(inch)	1,420(55.9)	1,580(62.2)	1,580(62.2)	1,700(66.9)
Overall Width mm(inch)	720(28.3)	750(29.5)	750(29.5)	890(35.0)
Overall Height mm(inch)	820(32.3)	865(34.1)	865(34.1)	1,080(42.5)
Weight(Dry) kg(lb)	325(716)	425(937)	435(959)	650(1,433)
Weight(Wet) kg(lb)	350(772)	465(1,025)	475(1,047)	730(1,609)

● Specifications are subject to change without notice.

Model	PDS175S -5c3	PDS265S -5B2	PDS390S -5B1
<b>COMPRESSOR</b>	Rotary Twin Screw, Single-Stage, Oil-cooled		
Type	Rotary Twin Screw, Single-Stage, Oil-cooled		
Free Air Delivery m <sup>3</sup> /min	5.0	7.5	11.0
Rated Operating Pressure kg/cm <sup>2</sup> (PSIG)(kPa)	7(100)(690)	7(100)(690)	7.1(102)(700)
Receiver Tank Capacity m <sup>3</sup> (US gal)	0.02(5.3)	0.069(18.2)	0.098(25.9)
Air Outlets	20A(3/4")×3pcs	20A(3/4")×4pcs 50A(2")×1pc	20A(3/4")×4pcs 50A(2")×1pc
Make/Model	YANMAR 4TNV88-BDHKS	YANMAR 4TNV98T-NHK	ISUZU DD-4BG1T
<b>ENGINE</b>	4 cycle, water cooled, direct injection type		4 cycle, water cooled, direct injection type w/turbo charger
Type	4 cycle, water cooled, direct injection type		4 cycle, water cooled, direct injection type w/turbo charger
No. of Cylinder	4	4	4
Total Displacement cc	2,189	3,318	4,329
Rated Output ps(kW)/rpm	47.5(34.9)/3,000	83.2(61.2)/2,500	110(80.9)/2,400
Fuel Tank Capacity Liters(US gal)	90(23.8)	115(30.4)	182(48.1)
Lubrication Oil Capacity Liters(US gal)	7.4(2.0)	10.5(2.8)	13(3.4)
<b>DIMENSION &amp; WEIGHT</b>			
Overall Length mm(inch)	1,970(77.6)	2,050(80.7)	2,600(102.4)
Overall Width mm(inch)	950(37.4)	1,200(47.2)	1,300(51.2)
Overall Height mm(inch)	1,080(42.5)	1,250(49.2)	1,400(55.1)
Weight(Dry) kg(lb)	740(1,631)	1,150(2,535)	1,635(3,605)
Weight(Wet) kg(lb)	840(1,852)	1,290(2,844)	1,850(4,079)

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