

Variable Pressure / Free Air Delivery High Pressure Type

PDSG1400LVR

Pressure Range 0.5 ~ 1.4MPa, Free Air Delivery 1400 ~ 1500CFM



Made in JAPAN



Wide range pressure setting available!

Just Select Pressure Modes

【HIGH】【MIDDLE】【LOW】3 selections are available as standard by choosing the mode on the display. The setting can easily be adjusted by per 0.01MPa at display.



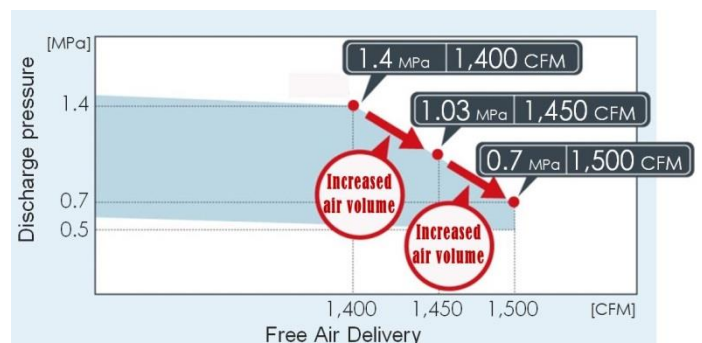
Selection switch	LOW	MIDDLE	HIGH
Initial setting [MPa]	0.7	1.03	1.4
Pressure Range [MPa]	0.65~0.75	0.76~1.08	1.09~1.4

※ Setting can be adjustable by 0.01MPa

Optimum Pressure Setting For Variety Of Applications

Pressure can be set from 0.5MPa to 1.4MPa to meet your requirement. Engine rotation is automatically increased in case Pressure is dropped.

Wide Range Pressure Regulation System (VRS)



Prevent as much as possible outflow of oil etc. Oil fence mounted "LEAK GUARD" type

In case of leakage of fuel or oil on the oil fence, it will prevent leakage to the outside as much as possible. Space capacity of the oil fence has secured more than $\times 100\%$ (fuel + oil + cooling water). An alarm is issued when fuel etc. accumulates in the oil fence.



■ SPECIFICATIONS

Model	PDSG1400LVR-5C5		
	Low Pressure	Middle Pressure	High Pressure

● COMPRESSOR

Type	Rotary Twin Screw, Single-Stage, Oil-cooled				
Operating Pressure	Rate	MPa	0.7	1.03	1.4
	Pressure Range	MPa	0.65~0.75	0.76~1.08	1.09~1.4
Free Air Delivery		CFM	1,500	1,450	1,400
Receiver Tank Capacity		m ³ (US gal)	0.384 (101.4)		
Air Outlets			3"×1pcs, 2"×1pcs		

● ENGINE

Maker/Model		KOMATSU SAA6D140E-5-B
Type		direct injection type, inter-cooler, turbocharger
Total Displacement	cc	15,240
Rated Output	PS(kW)/rpm	418 (568) / 2,000
Rotational speed range	rpm	1,250 ~ 2,090
Fuel Tank Capacity	Liters (US gal)	780 (206)
Lubrication Oil Capacity	Liters (US gal)	61 (16.1)
Coolant amount	Liters (US gal)	68 (18.0)
Battery		225H52×2

● DIMENSION & WEIGHT

Overall Length×Width×Height	mm (inch)	4,750×1,950×2,050 (187.0×76.8×80.7)
Dry Weight	kg (lb)	6,610 (14,573)
Wet Weight	kg (lb)	7,530 (16,600)

● Emission, Noise

Designated Emissions Regulation		JPN Tier 3
Sound power level in decibels	dB	104

● Specifications are subject to change without notice

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ISO 9001 : JQA-0581
ISO 14001 : JQA-EM4670

SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.