



# **Fischer Panda**

## **Panda 45i Specification Sheet**



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# Fischer Panda

<b>Model</b>	Panda iSeries 45i PMS variable speed	
<b>Area of Application:</b>	Marine	
<b>Generator Version:</b>	PMS wet exhaust	
<b>Generator Type</b>	Permanent magnet (PMG)	
<b>Remote Control Panel</b>	Digital, full function & monitoring	6m loom
<b>Nominal Speed</b>	1500-2700	[rpm]
<b>Auto start</b>	Standard, operator selected	
<b>Nominal Performance</b>	0 to 36.0	[kW]
<b>Nominal Performance</b>	0 to 45.0	[kVA]
<b>Voltage Regulation</b>	+/-3% via iControl	
<b>Generator Manufacturer</b>	FISCHER PANDA	

## Performance Data HP3-INV Coil (Three Phase Version with Inverter Technology)

Alternator Type "HP3-INV" (High Performance 3 phase winding).

Produces 3-phase 400 V, 230 V single phase is included but must be distributed to 3 phases.

<b>Alternator Type</b>	HP3	
<b>Nominal Voltage</b>	3x400+N	[Volt]
<b>Nominal Performance</b>	0-36.00	[kW]
<b>Nominal Performance</b>	0-45.0	[kVA]
<b>Continuous Performance</b>	0-32.4	[kW]
<b>Continuous Performance</b>	0-40.5	[kVA]
<b>Number of Phases</b>	3	

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<b>Rated current each Phase</b>	65.0	[A]
<b>Continuous current each Phase</b>	58.5	[A]
<b>Frequency in Hertz</b>	50	[Hz]

## Engine Data

<b>Engine Type</b>	Kubota V2403T	
<b>Number of Cylinders</b>	4	
<b>Displacement</b>	2434	[cc]
<b>Starter System</b>	12vDC (24vDC optional)	

## Sound Insulation Cover (generator housing)

### Capsule MPL 4DS - Standard Sound Insulation Capsule

<b>Connections</b>	Wet exhaust 60mm diam. Sea water 30mm diam.
<b>Sound level dB(A)</b>	55/60/70 at 7m/3m/1m (DIN standard)
<b>Sound Insulation Material</b>	Brushed stainless steel multi-panel with 4DS layered insulation
<b>Dimensions Housing L x W x H mm</b>	1130 x 660 x 810 (nb This is the basic capsule size, allow extra space for cable & hose connections etc)
<b>Total Weight of Generator with Capsule</b>	495kg

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