



JCB SRV 33 SERIE



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THREE PHASE SERVO VOLTAGE STABILIZERS

Technical Specifications

- JCB SRV 33 series are three phase voltage stabilizers regulate mains voltage and bring many advantages.
- Non-linear charges drive
- 3 phase input 3 phase output
- Wide power and voltage interval
- Fast Regulation
- High reliability thanks to Microprocessor and Smart Driver
- High efficiency
- Load transfer to Bypass via pole charge switch
- Safe and economic usage
- Overload protection
- Digitally displayed status, input & output measurements
- JCB Voltage regulators are servo drive structure, microcontroller controlled heavy duty devices which regulates mains voltage for critical loads.



Model	J33 003	J33 006	J33 010	J33 0015	J33 0020	J33 0030
Power (kVA)	3	6	10,5	15	22,5	30
Regulator Input						
In.Vol. Correct. Interval	275-450 VAC(Optional: 190-415VAC)					
Operation Frequency	47...65 Hz					
Line Input Protection	Overcurrent, low and high voltage protection					
Regulator Output						
Output Voltage	380/400/415 VAC RMS \pm %1					
Overloading	10 sec.%200 load					
Correction Speed	~ 90 volt/sec.					
Upturn Period	~ 90 volt/sec. (160VAC -250 VAC)					
Output Protection	Protects load by opening the circuit when overburden, short circuit occurs					
Working Principle						
Servo motor, Microprocessor controlled, full automatic						
General						
Cooling	Smart Fan System					
Measured Value Monitor	JCB True RMS Panel Voltmeter(74x74 mm) output voltage and line voltage monitorization					
Total Harmonic Distortion	-					
Total Efficiency	>%96					
Mechanical By-pass	"Manually Controlled Line -PAKO Switch Selects Voltage Regulator " Switch Turn On/Off					
Protection Level	IP 20					
Environmental						
Working Temperature	-10 °C / 50°C					
Storage Temperature	-25 °C /+ 60°C					
Relative Humidity	<%90, DIN (40040)					
Working Altitude	<2000 m.					
Acoustic Level	<50 dBA					
Dimensions						
Dimensions (HxWxD) (cm)	110x40x63					119x40x63
Weight (kg)	75	85	95	105	125	145

Model	J33 045	J33 060	J33 075	J33 0100	J33 0120	J33 0150
Power (kVA)	45	60	75	100	120	150
Regulator Input						
In.Vol. Correct. Interval	275-450 VAC(Optional: 190-145VAC)					
Operation Frequency	47...65 Hz					
Line Input Protection	Overcurrent, low and high voltage protection					
Regulator Output						
Output Voltage	380/400/415 VAC RMS \pm %1					
Overloading	10 sec.%200 load					
Correction Speed	~ 90 volt/sec.					
Upturn Period	~ 90 volt/sec. (160VAC -250 VAC)					
Output Protection	Protects load by opening the circuit when overburden, short circuit occurs					
Working Principle						
Servo motor, Microprocessor controlled, full automatic						
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Environmental						
Working Temperature	-10 °C / 50°C					
Storage Temperature	-25 °C /+ 60°C					
Relative Humidity	<%90, DIN (40040)					
Working Altitude	<2000 m.					
Acoustic Level	<50 dBA					
Dimensions						
Dimensions (HxWxD) (cm)	119x40x63	140x88x60	165x93x65			
Weight (kg)	165	260	280	310	400	425



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