



JCB SRV 33 HI 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 0200	J33 0250	J33 0300	J33 0400	J33 0500	J33 0600
Power (kVA)	200	250	300	400	500	600
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	>%97					
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	<55 dBA					
Dimensions						
Dimensions (HxWxD) (cm)	122x180x120		140x180x122		185x210x122	
Weight (kg)	1050	1100	1200	1650	2000	2100

Model	J33 0800	J33 1000	J33 1250	J33 1500	J33 2000	J33 2500	J33 3000
Power (kVA)	800	1000	1250	1500	2000	2500	3000
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						
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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	<55 dBA						
Dimensions							
Dimensions (HxWxD) (cm)	185x210x122	185x210x200	185x210x260	195x240x260	special		
Weight (kg)	2900	3450	3900	4300	6000	special	



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