Hitachi Drives Cross References

To find a suitable replacement for an SJ300 Hitachi drive, use the chart to the right to determine control mode(s) required, and the tables below to determine possible replacement part numbers. Suggested replacements do not necessarily have all control modes of the original, so appropriate drives will be application-dependent. Please call Tech Support if there are any replacement questions.

Drive Series	*Volts/Hz*	*PID*	*Sensorless Vector*	*Full Flux Vector*
L100	✓	✓		
SJ100	✓	✓	✓	
GS1	✓			
GS2	✓	✓		
DURAPULSE (GS3)	✓	✓	✓	
SJ300	✓	✓	✓	✓

Hitachi SJ300 Cross Reference

Hitachi SJ300 AC Drives			Possible Replacements			
	Part No.	*Horsepower*	*GS1*	*Price*	*DURAPULSE (GS3)*	*Price*
230V	SJ300-022LFU	3.0 hp	–	–	GS3-23P0	Retired
	SJ300-150LFU	20 hp	–	–	GS3-2020 *	Retired
	SJ300-220LFU	30 hp	–	–	GS3-2030 *	Retired
460V	SJ300-075HFU	10 hp	–	–	GS3-4010 *	Retired
	SJ300-150HFU	20 hp	–	–	GS3-4020 *	Retired

Notes: Replacement drives do not necessarily have the same physical dimensions, mounting hole patterns or wiring terminal arrangements.

** All SJ300 drives are specified for use with 3-phase power (but can be installed in single-phase applications). Replacement drive requires 3-phase power. Ensure that the existing SJ application uses 3-phase input power, or that 3-phase power is available.*

*** Replacement drive is higher horsepower than existing drive. Output power of new drive can be parameter-limited to the smaller horsepower.*

Hitachi Drives Cross References

To find a suitable replacement for an L100 or SJ100 Hitachi drive, use the chart to the right to determine control mode(s) required, and the tables below to determine possible replacement part numbers. Suggested replacements do not necessarily have all control modes of the original, so appropriate drives will be application-dependent. Please call Tech Support if there are any replacement questions.

Drive Series	Volts/Hz	PID	Sensorless Vector	Full Flux Vector
L100	✓	✓		
SJ100	✓	✓	✓	
GS1	✓			
GS2	✓	✓		
DURAPULSE	✓	✓	✓	
SJ300	✓	✓	✓	✓

Hitachi L100 Cross Reference

Hitachi L100 AC Drives			Possible Replacements			
	Part No.	Horsepower	GS1	Price	DURAPULSE	Price
230V	L100-022NFU	3.0 hp	–	–	GS3-23P0	Retired
460V	L100-075HFU	10 hp	–	–	GS3-4010 *	Retired

Notes: Replacement drives do not necessarily have the same physical dimensions, mounting hole patterns or wiring terminal arrangements.
* = Replacement drive requires 3-phase input power. Ensure that the existing application uses 3-phase input power, or that 3-phase power is available.
** = Replacement drive is higher horsepower than existing drive. Output power of new drive can be parameter-limited to the smaller horsepower.

Hitachi SJ100 Cross Reference

Hitachi SJ100 AC Drives			Possible Replacements			
	Part No.	Horsepower	GS1	Price	DURAPULSE	Price
230V	SJ100-022NFU	3.0 hp	–	–	GS3-23P0	Retired
460V	SJ100-075HFU	10 hp	–	–	GS3-4010 *	Retired

Notes: Replacement drives do not necessarily have the same physical dimensions, mounting hole patterns or wiring terminal arrangements.
* = Replacement drive requires 3-phase input power. Ensure that the existing application uses 3-phase input power, or that 3-phase power is available.
** = Replacement drive is higher horsepower than existing drive. Output power of new drive can be parameter-limited to the smaller horsepower.