



MITSUBISHI DIESEL ENGINE SU SERIES



Approximate Values

Item	Material	120 °N	125 °N	130 °N	135 °N	140 °N	145 °N	150 °N	155 °N
Type	°N	monocrylic, water resistant, notched, double-edge							
Condition		FA, double edge from both sides, 70% free edge thickness							
Construction		Direct injection							
Temperature	Installation range	150N ± 1 unit	155N ± 1 unit	160N ± 1 unit	165N ± 1 unit	170N ± 1 unit	175N ± 1 unit	180N ± 1 unit	185N ± 1 unit
Colour programme		coloured	coloured	coloured	coloured	coloured	coloured	coloured	coloured
Minimum edge finish		90° ± 30 min							
Total dimensions	See	130	142	147	152	157	162	167	172
Conversion ratio		1 : 1							
Mounting		100% support. Corner brackets cannot be fixed to wall.							
Sealing		Hydraulically pressure system							
Fixing		Direct on adhesive system							
Use		Suitable for 90°/45° and 120°							
Interconnecting & seals		Using secondary Glue (not Glue type 100).							
Lubrication of		N2 grease grade ISO 100							
Lubricating system		Fixed lubricating point supply							
Life expectancy	See	200	200	200	200	200	200	200	200
Finishing work surface		Permanently reconfigurable							

Note: Values are approximate. They are subject to change without notice.

Output selection

Page 47 of 58

Rating	Single rated output	120 °N		125 °N		130 °N		135 °N	
		Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa
Generator	020	975	975	1020	1020	1065	1065	1110	1110
	040	1950	1950	2040	2040	2130	2130	2220	2220
	060	2925	2925	3060	3060	3195	3195	3330	3330
	080	3900	3900	4080	4080	4260	4260	4440	4440
	100	4875	4875	5100	5100	5325	5325	5550	5550
Secondary Energy power Rating	020	495	495	510	510	532	532	555	555
	040	990	990	1020	1020	1065	1065	1110	1110
	060	1485	1485	1530	1530	1598	1598	1665	1665
	080	1980	1980	2040	2040	2130	2130	2220	2220
	100	2475	2475	2520	2520	2625	2625	2730	2730
Blow with additional Rating	020	990	990	1020	1020	1065	1065	1110	1110
	040	1980	1980	2040	2040	2130	2130	2220	2220
	060	2970	2970	3060	3060	3195	3195	3330	3330
	080	3960	3960	4080	4080	4260	4260	4440	4440
	100	4950	4950	5100	5100	5325	5325	5550	5550
Additional rated Rating	020	990	---	1020	---	1065	---	1110	---
	040	1980	---	2040	---	2130	---	2220	---
	060	2970	---	3060	---	3195	---	3330	---
Main Output	020	990	990	1020	1020	1065	1065	1110	1110
	040	1980	1980	2040	2040	2130	2130	2220	2220
	060	2970	2970	3060	3060	3195	3195	3330	3330

Output power is limited by the generator and the motor.

Rating: 2000 W (11000 BTU/h) (11000 W) (37000 BTU/h) (37000 W) (126000 BTU/h) (126000 W)

020: 4000 W (21500 BTU/h) (21500 W) (71000 BTU/h) (71000 W) (230000 BTU/h) (230000 W)

040: 8000 W (43000 BTU/h) (43000 W) (142000 BTU/h) (142000 W) (460000 BTU/h) (460000 W)

060: 12000 W (64500 BTU/h) (64500 W) (213000 BTU/h) (213000 W) (690000 BTU/h) (690000 W)

080: 16000 W (86000 BTU/h) (86000 W) (284000 BTU/h) (284000 W) (910000 BTU/h) (910000 W)

100: 20000 W (108000 BTU/h) (108000 W) (355000 BTU/h) (355000 W) (1150000 BTU/h) (1150000 W)

Mitsubishi SU series... for economical

Over 1000 Mitsubishi heavy engines, Ltd. has been continuously engaged in the construction of high-speed diesel engines for various intermediate applications.

During the last few decades, Mitsubishi engines can be called the product of top and completed engines in SU series with economy in every year.

S6U/S8U



① **Technology of Mitsubishi over the design.** Developed by Mitsubishi, various characteristics of loading are excellent, in fact.

② **Low fuel consumption.** High pressure direct injection fuel system is possible for SU series engine consumes only 140 g/kwh which is economical than other applications.

③ **Compact size and lightweight.** SU engine Mitsubishi is small dimensions and is light.

④ **High durability and reliability.** High speed, higher load, long-running in the engine. Lubricating oil is forced through pressure high loaded operation.

⑤ **Mitsubishi excellent maintenance.** All top side of the engine for SU series and fuel injection, injection pump, etc. are effectively service convenient and simple. The injection valves of products are to overhaul, overhaul and so on.



S6U



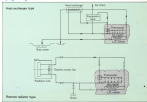
S8U

Dimensions of Diesel engine generator unit



Source: <http://www.dieseldieselengine.com/wordpress/wp-content/uploads/2013/08/01041101.pdf>

Piping arrangement



TD100UDry weight
8,000kg**TD100J**Dry weight
18,000kg**TD100L**Dry weight
18,000kg**TD100LJ**Dry weight
17,000kg