

Standard Type Specification Table



Super Silent Models Silent Models

Models marked ★ have passed the 2nd Emission Regulation by the Ministry of Land, Infrastructure and Transport, JAPAN.

Item	Mode Units	Super Silent Models					Silent Models																					
		NES13EK-3★	NES25EK-3★★	NES45EN2★	NES60EH★	NES100EI★	NES125EH★	NES150EH★	NES220EM★	NES300EH★	NES400EM★	NES500EM★	NES610SM★	NES800SM														
Frequency	Hz	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60			
Output	Prime	kVA	10.5	13	20	25	37	45	50	60	80	100	100	125	125	150	195	220	270	300	350	400	450	500	554	610	700	800
	Standby	kVA	11.6	14.3	22	26.3	40.7	47.3	55	66	84	105	110	138	138	165	215	242	297	315	385	440	495	550	582	641	735	800
Voltage(*1)	V	①Single Voltage (Dual Voltage is available as option)										②Dual Voltage																
No. of poles		4										4																
Power Factor		80% Lagging										80% Lagging																
Type & No of Phase		Brushless Alternator, 3-Phase,4-Wire										Brushless Alternator, 3-Phase,4-Wire																
Engine Model		KUBOTA D1503	KUBOTA V2403	NISSAN 2A-BD30T	HINO W04D-TG	ISUZU DD-6BG1T		HINO J08C-UD	HINO J08C-UD	MITSUBISHI 6D24-TLE2B	HINO K13C-TY	MITSUBISHI S6B3-E2PTAA-3	MITSUBISHI S6A3-E2PTAA-1	MITSUBISHI S6R-PTA	MITSUBISHI S12A2-PTA													
Type		Swirl Chamber Type				Direct injection type with turbo charger				Direct injection type with turbo charger & cooler																		
Cylinders Bore × Stroke	mm	3-83×92.4		4-87×102.4		4-96×102		4-104×118		6-105×125		6-114×130		6-114×130		6-130×150		6-135×150		6-135×170		6-150×175		6-170×180		12-150×160		
Total Displacement	ℓ	1.499		2.434		2.953		4.009		6.494		7.961		7.961		11.94		12.9		14.6		18.56		24.5		33.9		
Rated Output	kW	11.5	13.7	19.1	23.7	34.5	43.5	50.4	59.6	73.6	91.2	118	140	118	140	181	199	242	269	309	346	405	467	517	565	676	757	
	PS	15.6	18.6	26	32.2	47.5	57	68.5	81	100	124	160	190	160	190	246	271	329	366	420	471	551	635	703	768	920	1030	
Speed	min ⁻¹	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	
Fuel Consumption	100% Load	ℓ /H	2.9	3.6	5.2	6.6	8.5	10	11	13	18	23	21	26	26	32	39	47	56	69	73	91	97	115	108	127	135	165
	75% Load	ℓ /H	2.4	3.0	4.0	5.0	6.3	7.9	8.6	10	13	17	15	19	20	24	30	36	42	52	56	69	73	87	84	99	113	141
Engine Oil Volume	ℓ	7		9.5		11		16.5		20		24.5		24.5		37		47		50		80		92		130(Subtank-85)		
Battery		80D26R × 1		80D26R × 1		80D26L × 1		55B24L × 2		95D31R × 2		95D31R × 2		95D31R × 2		150F51 × 2		150F51 × 2		180G51 × 2		180G51 × 2		180G51 × 2		180G51 × 4		
Fuel Tank Capacity	ℓ	58		70		100		125		200		250		250		370		490		490		490		580		730		
Fuel		Diesel Fuel										Diesel Fuel																
Height	mm	950		980		1,350		1,190		1,290		1,450		1,450		1,750		1,790		2,090		2,280		2,400		2,580		
Length(*2)	mm	1,480		1,550		1,740		2,245		2,730		3,180		3,180		3,840		3,980		4,550		5,270(4,790)		5,173(4,690)		6,235(5,600)		
Width	mm	650		700		880		880		1,050		1,130		1,130		1,290		1,415		1,415		1,650		1,650		1,950		
Dry Weight	kg	520		610		990		1,200		1,650		2,170		2,270		3,530		3,940		5,510		6,810		8,190		11,000		
Mass in Working Order	kg	580		680		1,090		1,335		1,850		2,420		2,520		3,910		4,410		6,030		7,400		8,860		12,000		
Sound Power Level(*3)	dB	83		90		90		92		93		94		95		95		99		101		98		101		101		
Sound Pressure Level(*4)	dB	57		62		60		63		65		66		67		67		69		71		68		72		73		

(*1) Rated Voltage Classification (*2) exclude the rain cover dimension (*3) 60Hz/No load (LwA) (*4) 60Hz/No load at 7m

	50Hz	60Hz
①	190~210V	210~240V
②	190~210V	210~240V
	380~420V	420~480V