

Soundproof Generators



Model		DCA-15ESEK	DCA-25ESEK	DCA-35ESEK	DCA-45ESEI	DCA-60ESEI	DCA-70ESEI	DCA-125ESEI	DCA-180ESEI	
AC Generator										
Frequency	Hz	50	50	50	50	50	50	50	50	
Output Rating	Continuous	12.5	20	30	37	50	60	100	150	
	Standby	13.8	22	31.5	40.7	55	65	110	165	
No. of Poles		4	4	4	4	4	4	4	4	
No. of Phases		3	3	3	3	3	3	3	3	
Rated Voltage	V	380/400/415	380/400/415	380/400/415	380/400/415	380/400/415	380/400/415	380/400/415	380/400/415	
Power Factor (lagging)		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
Voltage Regulation	%	Within ± 0.5								
Excitation		Brushless, rotating exciter (with A.V.R.)								
Insulation		Class F								
Engine (4-cycle, water-cooled diesel engine)										
Model		Kubota D1703-E2B	Kubota V2203-E2B	Kubota V3300-E2B	Isuzu BB-4JG1T	Isuzu BB-4BG1T	Isuzu 4JJ1X	Isuzu 4HK1X	Isuzu 6HK1X	
Type		Swirl chamber type			Direct injection, turbocharged type		Direct injection, turbocharged with after cooler			
Rated Output	kW	12.4	18.4	28.3	34.5	48.2	52.9	91.6	140	
Rated Speed	min ⁻¹	1500	1500	1500	1500	1500	1500	1500	1500	
No. of Cylinders		3	4	4	4	4	4	4	6	
Bore x Stroke	mm	87 x 92.4	87 x 92.4	98 x 110	95.4 x 107	105 x 125	95.4 x 104.9	115 x 125	115 x 125	
Displacement	L	1.647	2.197	3.318	3.059	4.329	2.999	5.193	7.79	
Fuel		ASTM No. 2 diesel fuel or equivalent								
Fuel Tank Capacity	L	62	62	82	100	125	150	250	300	
Fuel Consumption*	L/h	2.8	3.9	5.9	6.7	8.9	9.7	17.1	26	
Lube Oil Capacity	L	5.6	7.6	13.2	10	13.2	17	23	38	
Coolant Capacity	L	6.4	7.9	10.5	10.9	15.4	12	20.2	28	
Battery x Quantity		12V - 65Ah x 1	12V - 65Ah x 1	12V - 70Ah x 1	12V - 70Ah x 1	12V - 110Ah x 1	12V - 110Ah x 1	12V - 150Ah x 1	12V - 100Ah x 2	
Dimensions, Weight and Sound Power Level										
Dimensions	Length	mm	1390	1540	1900	1900	2200	2400	3100	3500
	Width	mm	650	650	860	880	880	1030	1140	1200
	Height	mm	1050	1050	1130	1400	1400	1550	1650	1700
Dry Weight	kg	565	640	950	1040	1250	1530	2210	2760	
Sound Power Level	LWA dB	88	85	89	89	91	93	93	94	

* Fuel consumption is based on operation at 75% load.