



DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 23	JCD 33	JCD 44	JCD 55
Stand By Power	kVA (kWe) A	23,0 [18,4] 33,2	33,0 [26,4] 47,7	44,0 [35,2] 63,6	55,0 [44,0] 79,5
Prime Power	kVA (kWe) A	21,0 [16,8] 30,3	30,0 [24,0] 43,4	40,0 [32,0] 57,8	50,0 [40,0] 72,3
Continuous Power	kVA (kWe) A	17,6 [14,1] 25,4	26,4 [21,1] 38,2	38,5 [30,8] 55,6	41,6 [33,3] 60,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF3M G1	BF3M G2	BFM3T	BFM3C
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Standby Power	(kW)	22,0	32,0	44,0	50,0
Net Engine Prime Power	(kW)	20,0	29,0	40,0	45,0
Number of Cylinder		4	4	4	4
Configuration		In-Line	In-Line	In-Line	In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Naturally	Naturally	Turbo	Turbo
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	3,168	3,168	3,168	3,168
Bore and Stroke	[mm]	98 x 105	98 x 105	98 x 105	98 x 105
Compression Ratio		18.5:1	18.5:1	18.5:1	18.5:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime-%25 Loaded	[L/h]	1,6	2,3	3,0	3,2
Fuel Consumption Prime-% 50 Loaded	[L/h]	2,8	3,9	5,5	6,0
Fuel Consumption Prime-% 75 Loaded	[L/h]	4,0	5,8	8,0	8,7
Fuel Consumption Prime-%100 Loaded	[L/h]	5,4	7,7	10,3	11,2
Fuel Tank Capacity, w/o Canopy (Canopy)	[l]	58 [40]	58 [40]	55 [100]	134 [100]
ALTERNATOR					
Model		JCB 160LX	JCB 180M2	JCB 180LA	JCB 180LXA
Output Power	400 V-kVA	21,0	31,0	40,0	141
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	597 [942]	619 [942]	622 [1002]	7000 [1002]
Length, Open [Canopy]	[mm]	1400 [1916]	1400 [1916]	1600 [2269]	1700 [2269]
Height, Open [Canopy]	[mm]	1309 [1444]	1329 [1444]	1329 [1597]	1562[1597]
Weight, Open [Canopy]	[kg]	553 [690]	585 [740]	685 [850]	857 [990]

GROUP		JCD 66	JCD 85	JCD 100	JCD 110
Stand By Power	kVA (kWe) A	66,0 [52,8] 95,4	85,0 [68,0] 122,8	100,0 [80,0] 144,5	110,0 [88,0] 159,0
Prime Power	kVA (kWe) A	60,0 [48,0] 86,7	77,0 [61,6] 111,3	91,0 [72,8] 131,5	100,0 [80,0] 144,5
Continuous Power	kVA (kWe) A	55,1 [44,1] 79,7	67,2 [53,8] 97,1	83,2 [66,5] 120,2	97,9 [78,4] 141,5
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M2012	BF4M2012CG1	BF4M2012CG2	BF4M1013ECG1
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Standby Power	(kW)	60,0	74,9	93,0	102,0
Net Engine Prime Power	(kW)	54,0	71,0	85,0	97,0
Number of Cylinder		4	4	4	4
Configuration		In-Line	In-Line	In-Line	In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	4,04	4,04	4,04	4,76
Bore and Stroke	[mm]	101 x 126	101 x 126	101 x 126	108 x 130
Compression Ratio		19:1	19:1	18,1:1	19:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime-%25 Loaded	[L/h]	4,0	5,0	5,9	6,70
Fuel Consumption Prime-% 50 Loaded	[L/h]	7,0	8,90	10,80	12,20
Fuel Consumption Prime-% 75 Loaded	[L/h]	10,20	13,30	15,90	18,00
Fuel Consumption Prime-%100 Loaded	[L/h]	13,70	18,10	21,30	24,20
Fuel Tank Capacity, w/o Canopy (Canopy)	[l]	161 [205]	161 [205]	161 [205]	161 [205]

ALTERNATOR

Model		JCB 225S2	JCB 225M1	JCB 225M2	JCB 225LX
Output Power	400 V-kVA	65,0	77,0	91,0	109,0
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1

DIMENSIONS

Width, Open [Canopy]	[mm]	700 [1042]	700 [1042]	700 [1042]	700 [1042]
Length, Open [Canopy]	[mm]	1900 [2615]	1900 [2615]	1900 [2615]	1900 [2615]
Height, Open [Canopy]	[mm]	1562 [1766]	1562 [1766]	1562 [1766]	1562 [1766]
Weight, Open [Canopy]	[kg]	1024 [1200]	1024 [1200]	1024 [1200]	1067 [1240]

DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 130	JCD 145	JCD 175	JCD 200
Stand By Power	kVA (kWe) A	130,0 [104,0] 187,9	145,0 [116,0] 209,5	175,0 [140,0] 252,9	200,0 [160,0] 289,0
Prime Power	kVA (kWe) A	118,0 [94,4] 170,5	132,0 [105,6] 190,8	159,0 [127,2] 229,8	182,0 [145,6] 263,0
Continuous Power	kVA (kWe) A	103,6 [82,9] 149,7	116,2 [92,9] 167,8	151,6 [121,3] 219,0	164,2 [131,4] 237,3
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M1013ECG1	BF4M1013FC	BF6M1013ECG1	BF6M1013ECG2
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Standby Power	(kW)	116,0	129,0	153,0	175,0
Net Engine Prime Power	(kW)	105,0	117,0	146,0	160,0
Number of Cylinder		4	4	6	6
Configuration		,In-Line	,In-Line	,In-Line	,In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	4,76	4,76	7,15	7,15
Bore and Stroke	[mm]	108 x 130	108 x 130	108 x 130	108 x 130
Compression Ratio		19:1	18,1:1	19:1	19:1
Electric System	[V]	12	12	24	24
Fuel Consumption Prime-%25 Loaded	[L/h]	7,10	7,60	10,0	10,90
Fuel Consumption Prime-% 50 Loaded	[L/h]	12,90	14,00	18,30	19,90
Fuel Consumption Prime-% 75 Loaded	[L/h]	19,30	20,90	26,90	29,50
Fuel Consumption Prime-%100 Loaded	[L/h]	26,10	28,90	35,9	39,2
Fuel Tank Capacity, w/o Canopy (Canopy)	[t]	190 [376]	190 [376]	256 [376]	256 [376]
ALTERNATOR					
Model		JCB 270S	JCB 270S1	JCB 270S2	JCB 270M
Output Power	400 V-kVA	123,0	141,0	159,0	182,0
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	800 [1153]	800 [1153]	900 [1153]	900 [1153]
Length, Open [Canopy]	[mm]	2150 [2971]	2150 [2971]	2400 [2971]	2400 [2971]
Height, Open [Canopy]	[mm]	1549 [2027]	1549 [2027]	1549 [2027]	1549 [2027]
Weight, Open [Canopy]	[kg]	1205 [1610]	1217 [1620]	1317 [1670]	1328 [1690]

GROUP		JCD 210	JCD 220	JCD 275	JCD 330
Stand By Power	kVA (kWe) A	210,0 [168,0] 303,5	220,0 [176,0] 317,9	275,0 [220,0] 397,4	330,0 [264,0] 476,9
Prime Power	kVA (kWe) A	191,0 [152,8] 276,0	200,0 [160,0] 289,0	250,0 [200,0] 361,3	300,0 [240,0] 433,5
Continuous Power	kVA (kWe) A	165,4 [132,3] 239,0	182,6 [146,1] 263,9	224,7 [179,8] 324,7	266,2 [213,0] 384,7
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF6M1013FCG2	BF6M1013FCG3	TCD8.0	TCD8.7
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Prime Power	(kW)	183,0	201,0	250,0	290,0
Net Engine Standby Power	(kW)	166,0	183,0	225,0	265,0
Number of Cylinder		6	6	6	6
Configuration		,In-Line	,In-Line	,In-Line	,In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	7,15	7,15	7,8	8,70
Bore and Stroke	[mm]	108 x 130	108 x 130	110 x 136	117x 135
Compression Ratio		19:1	19:1	17:1	17,5:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %25 Loaded	[L/h]	11,10	11,90	15,2	15,20
Fuel Consumption Prime- % 50 Loaded	[L/h]	20,30	22,60	28,1	26,0
Fuel Consumption Prime- % 75 Loaded	[L/h]	30,20	33,60	39,9	37,98
Fuel Consumption Prime- %100 Loaded	[L/h]	40,60	45,60	51,6	51,57
Fuel Tank Capacity, w/o Canopy (Canopy)	[t]	256 [376]	256 [445]	475 [673]	475 [673]

ALTERNATOR

Model		JCB 270M1	JCB 270M1	JCB 270L1	JCB 270LXA
Output Power	400 V-kVA	214,0	214,0	255,0	318,0
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1

DIMENSIONS

Width, Open [Canopy]	[mm]	900 [1153]	900 [1140]	1100 [1179]	1100 [1179]
Length, Open [Canopy]	[mm]	2400 [2971]	2400 [3409]	3095 [3921]	3095 [3921]
Height, Open [Canopy]	[mm]	1549 [2027]	1840 [1955]	1782 [2498]	1782 [2498]
Weight, Open [Canopy]	[kg]	1450 [1810]	1554 [1940]	2159 [2600]	2163 [2600]

DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 375	JCD 410	JCD 500	JCD 550
Stand By Power	kVA (kWe) A	375,0 [300,0] 541,9	410,0 [328,0] 592,5	500,0 [400,0] 722,5	550,0 [440,0] 794,8
Prime Power	kVA (kWe) A	341,0 [272,8] 492,8	373,0 [298,4] 539,0	455,0 [364,0] 657,5	500,0 [400,0] 722,5
Continuous Power	kVA (kWe) A	299,6 [239,7] 433,0	349,0 [279,2] 504,3	413,6 [330,9] 597,7	460,6 [368,5] 665,6
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		TCD12.1G1	TCD12.1G2	TCD13.0G1	TCD13.0G2
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Prime Power	(kW)	330,0	360,0	435,0	470,0
Net Engine Standby Power	(kW)	290,0	330,0	395,0	440,0
Number of Cylinder		6	6	6	6
Configuration		,In-Line	,In-Line	,In-Line	,In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	12,10	12,10	12,94	12,94
Bore and Stroke	[mm]	131 x 150	131 x 150	131 x 160	131 x 160
Compression Ratio		17:1	17:1	19:1	19:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %25 Loaded	[L/h]	18,41	22,54	24,32	26,33
Fuel Consumption Prime- % 50 Loaded	[L/h]	33,55	40,26	43,60	48,61
Fuel Consumption Prime- % 75 Loaded	[L/h]	48,79	57,97	66,56	71,87
Fuel Consumption Prime- %100 Loaded	[L/h]	64,64	76,79	88,77	100,06
Fuel Tank Capacity, w/o Canopy (Canopy)	[t]	475 [673]	475 [673]	673 [400]	673 [400]

ALTERNATOR

Model		JCB 315S	JCB 315S	JCB 315MXA	JCB 315L
Output Power	400 V-kVA	373,0	373,0	468,0	514,0
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1

DIMENSIONS

Width, Open [Canopy]	[mm]	1100 [1179]	1100 [1179]	1200 [1646]	1200 [1646]
Length, Open [Canopy]	[mm]	3254 [3921]	3254 [3921]	3374 [4632]	3383 [4632]
Height, Open [Canopy]	[mm]	1782 [2498]	1782 [2498]	1953 [2641]	1953 [2641]
Weight, Open [Canopy]	[kg]	2353 [2790]	2379 [2970]	2878 [3740]	2931 [3790]

GROUP		JCD 30	JCD 40	JCD 52	JCD 66
Stand By Power	kVA (kWe) A	30,0 [24,0] 43,4	40,0 [32,0] 57,8	52,0 [41,6] 75,1	66,0 [52,8] 95,4
Prime Power	kVA (kWe) A	27,3 [21,8] 39,4	36,4 [29,1] 52,5	47,3 [37,8] 68,3	60,0 [48,0] 86,7
Continuous Power	kVA (kWe) A	23,1 [18,5] 33,4	31,9 [25,5] 46,1	42,9 [34,3] 62,0	52,9 [42,3] 76,4
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF3M G1	BF3M G2	BFM3T	BFM3C
Speed	(RPM)	1800	1800	1800	1800
Gross Engine Standby Power	(kW)	28,0	38,0	50,0	60,0
Net Engine Prime Power	(kW)	25,0	34,0	45,0	55,0
Number of Cylinder		4	4	4	4
Configuration		In-Line	In-Line	In-Line	In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Naturally	Naturally	Turbo	CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	3,168	3,168	3,168	3,168
Bore and Stroke	[mm]	98 x 105	98 x 105	98 x 105	98 x 105
Compression Ratio		18.5:1	18.5:1	18.5:1	18.5:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime-%25 Loaded	[L/h]	2,0	3,1	3,8	4,1
Fuel Consumption Prime-% 50 Loaded	[L/h]	3,6	4,8	6,2	7,7
Fuel Consumption Prime-% 75 Loaded	[L/h]	5,2	6,7	8,9	10,7
Fuel Consumption Prime-%100 Loaded	[L/h]	6,6	9,0	11,4	13,8
Fuel Tank Capacity, w/o Canopy (Canopy)	[t]	58 [40]	58 [40]	55 [100]	134 [100]
ALTERNATOR					
Model		JCB 180M	JCB 180M2	JCB 180LA	JCB 180LX
Output Power	480 V-kVA	30,0	40,0	48,0	141
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277 / 480 V	277 / 480 V	277 / 480 V	277 / 480 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	597 [942]	619 [942]	622 [1002]	7000 [1002]
Length, Open [Canopy]	[mm]	1400 [1916]	1400 [1916]	1600 [2269]	1700 [2269]
Height, Open [Canopy]	[mm]	1309 [1444]	1329 [1444]	1329 [1597]	1562[1597]
Weight, Open [Canopy]	[kg]	553 [690]	585 [740]	685 [850]	857 [990]

DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 77	JCD 95	JCD 115	JCD 120
Stand By Power	kVA (kWe) A	77,0 [61,6] 111,3	95,0 [76,0] 137,3	115,0 [92,0] 166,2	120,0 [96,0] 173,4
Prime Power	kVA (kWe) A	70,0 [56,0] 101,2	86,4 [69,1] 124,8	104,5 [83,6] 151,1	109,1 [87,3] 157,6
Continuous Power	kVA (kWe) A	65,3 [55,2] 94,3	79,7 [63,8] 115,2	96,8 [77,4] 139,9	97,9 [78,4] 154,7
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M2012	BF4M2012CG1	BF4M2012CG2	BF4M1013ECG1
Speed	(RPM)	1800	1800	1800	1800
Gross Engine Standby Power	(kW)	70,0	88,0	108,0	110,0
Net Engine Prime Power	(kW)	63,0	79,0	99,0	105,0
Number of Cylinder		4	4	4	4
Configuration		In-Line	In-Line	In-Line	In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	4,04	4,04	4,04	4,76
Bore and Stroke	[mm]	101 x 126	101 x 126	101 x 126	108 x 130
Compression Ratio		19:1	19:1	18,1:1	19:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime- %25 Loaded	[L/h]	4,90	5,80	6,90	7,70
Fuel Consumption Prime- % 50 Loaded	[L/h]	8,40	10,10	12,40	13,50
Fuel Consumption Prime- % 75 Loaded	[L/h]	12,20	14,80	18,20	19,70
Fuel Consumption Prime- %100 Loaded	[L/h]	16,40	20,00	24,40	26,20
Fuel Tank Capacity, w/o Canopy (Canopy)	[lit]	161 [205]	161 [205]	161 [205]	161 [205]
ALTERNATOR					
Model		JCB 225S2	JCB 225M1	JCB 225M2	JCB 225M2
Output Power	480 V-kVA	85,0	92,0	114,0	114,0
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277/ 480 V	231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	700 [1042]	700 [1042]	700 [1042]	700 [1042]
Length, Open [Canopy]	[mm]	1900 [2615]	1900 [2615]	1900 [2615]	1900 [2615]
Height, Open [Canopy]	[mm]	1562 [1766]	1562 [1766]	1562 [1766]	1562 [1766]
Weight, Open [Canopy]	[kg]	1024 [1200]	1024 [1200]	1024 [1200]	1067 [1240]

GROUP		JCD 137	JCD 152	JCD 180	JCD 220
Stand By Power	kVA (kWe) A	137,0 [109,6]198,0	152,0 [121,6] 219,7	180,0 [144,0] 260,1	220,0 [176,0] 317,9
Prime Power	kVA (kWe) A	124,5 [99,6] 180,0	138,2 [110,5] 199,7	163,6 [130,9] 236,5	200,0 [160,0] 289,0
Continuous Power	kVA (kWe) A	114,0 [91,2] 164,7	123,1 [98,4] 177,8	161,9 [129,5] 234,0	181,5 [145,2] 262,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M1013ECG1	BF4M1013FC	BF6M1013ECG1	BF6M1013ECG2
Speed	(RPM)	1800	1800	1800	1800
Gross Engine Standby Power	(kW)	125,0	136,0	163,0	197,0
Net Engine Prime Power	(kW)	115,0	124,0	155,0	181,0
Number of Cylinder		4	4	6	6
Configuration		,In-Line	,In-Line	,In-Line	,In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	4,76	4,76	7,15	7,15
Bore and Stroke	[mm]	108 x 130	108 x 130	108 x 130	108 x 130
Compression Ratio		19:1	18,1:1	19:1	19:1
Electric System	[V]	12	12	24	24
Fuel Consumption Prime-%25 Loaded	[L/h]	8,30	8,50	11,50	13,70
Fuel Consumption Prime-% 50 Loaded	[L/h]	14,70	15,40	20,00	23,70
Fuel Consumption Prime-% 75 Loaded	[L/h]	21,50	23,00	29,30	34,50
Fuel Consumption Prime-%100 Loaded	[L/h]	29,10	31,90	39	45,8
Fuel Tank Capacity, w/o Canopy (Canopy)	[l]	190 [376]	190 [376]	256 [376]	256 [376]
ALTERNATOR					
Model		JCB 225LX	JCB 270S1	JCB 270S1	JCB 270S2
Output Power	480 V-kVA	129,0	154,0	181,0	204,0
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277 / 480 V	277 / 480 V	277 / 480 V	277 / 480 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	800 [1153]	800 [1153]	900 [1153]	900 [1153]
Length, Open [Canopy]	[mm]	2150 [2971]	2150 [2971]	2400 [2971]	2400 [2971]
Height, Open [Canopy]	[mm]	1549 [2027]	1549 [2027]	1549 [2027]	1549 [2027]
Weight, Open [Canopy]	[kg]	1205 [1610]	1217 [1620]	1317 [1670]	1328 [1690]

DIESEL GENERATORS -- JCD SERIES

GROUP		JCD 230	JCD 250	JCD 300	JCD 360
Stand By Power	kVA (kWe) A	230,0 [184,0] 332,4	250,0 [200,0] 361,3	300,0 [240,0] 433,5	360,0 [288,0] 520,2
Prime Power	kVA (kWe) A	1209,1 [167,3] 302,2	227,3 [181,8] 328,4	272,7 [218,2] 394,1	327,3 [261,8] 472,9
Continuous Power	kVA (kWe) A	186,1 [148,9] 268,9	205,6 [164,5] 297,1	243,1 [194,5] 351,3	289,5 [231,6] 418,3
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60
ENGINE					
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF6M1013FCG2	BF6M1013FCG3	TCD8.0	TCD8.7
Speed	(RPM)	1800	1800	1800	1800
Gross Engine Prime Power	(kW)	204,0	224,9	270,0	320,0
Net Engine Standby Power	(kW)	186,0	204,0	245,0	290,0
Number of Cylinder		6	6	6	6
Configuration		,In-Line	,In-Line	,In-Line	,In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	7,15	7,15	7,8	8,70
Bore and Stroke	[mm]	108 x 130	108 x 130	110 x 136	117x 135
Compression Ratio		19:1	19:1	17:1	17,5:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %25 Loaded	[L/h]	13,00	13,90	16,9	18,71
Fuel Consumption Prime- % 50 Loaded	[L/h]	23,30	25,80	32,9	33,59
Fuel Consumption Prime- % 75 Loaded	[L/h]	34,50	38,50	46,8	49,21
Fuel Consumption Prime- %100 Loaded	[L/h]	46,60	53,00	58,2	67,66
Fuel Tank Capacity, w/o Canopy (Canopy)	[lit]	256 [376]	256 [445]	475 [673]	475 [673]
ALTERNATOR					
Model		JCB 270S2	JCB 270M	JCB 270MX	JCB 270L1
Output Power	480 V-kVA	204,0	233,0	298,0	325,0
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277 / 480 V	277 / 480 V	277 / 480 V	277 / 480 V
Voltage Regulation		±1	±1	±1	±1
DIMENSIONS					
Width, Open [Canopy]	[mm]	900 [1153]	900 [1140]	1100 [1179]	1100 [1179]
Length, Open [Canopy]	[mm]	2400 [2971]	2400 [3409]	3095 [3921]	3095 [3921]
Height, Open [Canopy]	[mm]	1549 [2027]	1840 [1955]	1782 [2498]	1782 [2498]
Weight, Open [Canopy]	[kg]	1450 [1810]	1554 [1940]	2159 [2600]	2163 [2600]

GROUP		JCD 415	JCD 440	JCD 510	JCD 560
Stand By Power	kVA (kWe) A	415,0 [332,0] 599,7	440,0 [352,0] 635,8	510,0 [408,0] 737,0	560,0 [448,0] 809,2
Prime Power	kVA (kWe) A	377,3 [301,8] 545,2	400,0 [320,0] 578,0	463,6 [370,9] 670,0	509,1 [407,3] 735,7
Continuous Power	kVA (kWe) A	349,0 [279,2] 504,3	360,7 [288,6] 521,3	431,2 [345,0] 623,2	466,5 [373,2] 674,1
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	60	60	60	60

ENGINE

Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		TCD12.1G1	TCD12.1G2	TCD13.0G1	TCD13.0G2
Speed	(RPM)	1800	1800	1800	1800
Gross Engine Prime Power	(kW)	365,0	385,0	445,0	485,0
Net Engine Standby Power	(kW)	335,0	353,0	410,0	445,0
Number of Cylinder		6	6	6	6
Configuration		,In-Line	,In-Line	,In-Line	,In-Line
Rotation (Looking at Flywheel)		CCW	CCW	CCW	CCW
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	12,10	12,10	12,94	12,94
Bore and Stroke	[mm]	131 x 150	131 x 150	131 x 160	131 x 160
Compression Ratio		17:1	17:1	19:1	19:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %25 Loaded	[L/h]	21,14	23,74	27,04	28,94
Fuel Consumption Prime- % 50 Loaded	[L/h]	39,08	42,21	47,13	51,57
Fuel Consumption Prime- % 75 Loaded	[L/h]	57,23	61,13	67,82	75,71
Fuel Consumption Prime- %100 Loaded	[L/h]	75,87	81,83	90,82	105,01
Fuel Tank Capacity, w/o Canopy (Canopy)	[t]	475 [673]	475 [673]	673 [400]	673 [400]

ALTERNATOR

Model		JCB 270LXA	JCB 315S	JCB 315S	JCB 315M
Output Power	480 V-kVA	398,0	466,0	466,0	527,0
Overspeed	2U+1000V	2250	2250	2250	2250
Insulation Class		H	H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23	IP-23
Voltage		277 / 480 V	277 / 480 V	277 / 480 V	277 / 480 V
Voltage Regulation		±1	±1	±1	±1

DIMENSIONS

Width, Open [Canopy]	[mm]	1100 [1179]	1100 [1179]	1200 [1646]	1200 [1646]
Length, Open [Canopy]	[mm]	3254 [3921]	3254 [3921]	3374 [4632]	3383 [4632]
Height, Open [Canopy]	[mm]	1782 [2498]	1782 [2498]	1953 [2641]	1953 [2641]
Weight, Open [Canopy]	[kg]	2353 [2790]	2379 [2970]	2878 [3740]	2931 [3790]



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