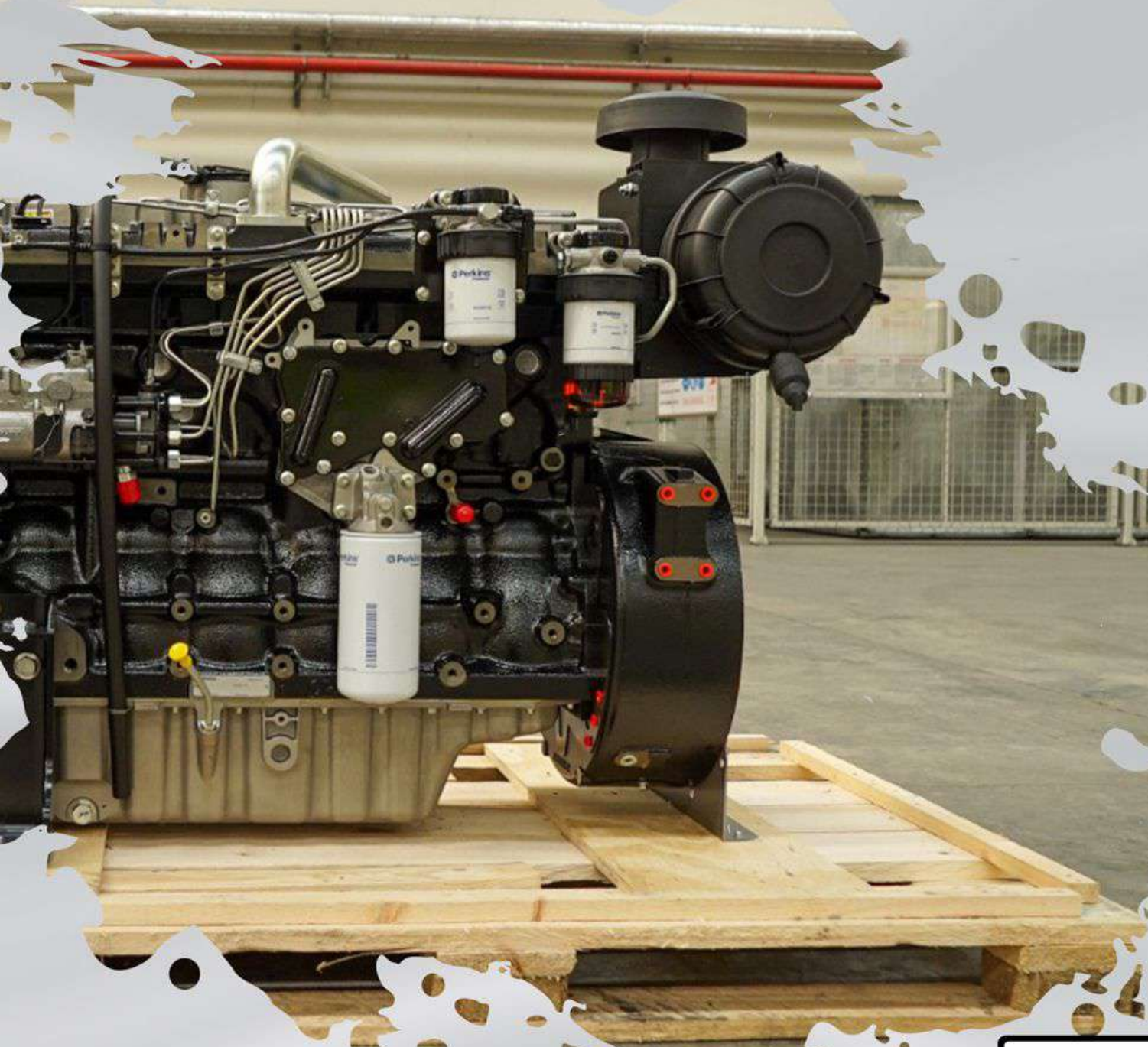




JCP SERIES



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DIESEL GENERATORS -- JCP SERIES

GROUP		JCP 10	JCP 15	JCP 17	JCP 23
Stand By Power	kVA (kWe) A	10,0 [8,0] 14,5	15,0 [12,0] 21,7	17,0 [13,6] 25,0	23,0 [18,4] 33,2
Prime Power	kVA (kWe) A	9,1 [7,3] 13,1	13,6 [10,9] 19,7	15,0 [12,0] 22,0	20,9 [16,7] 30,2
Continuous Power	kVA (kWe) A	6,4 [5,1] 9,2	9,5 [7,6] 13,8	11,0 [9,0] 16,0	14,6 [11,7] 21,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		403A-11G1	403A-15G1	403A-15G2	404A-22G1
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	9,5	13,5	15,0	20,6
Net Engine Power	(kW)	9,3	13,3	15,0	20,3
Number of Cylinder		3	3	3	4
Configuration		Vertical,In-Line	Vertical,In-Line	Vertical,In-Line	Vertical,In-Line
Emission		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiration		Naturally	Naturally	Naturally	Naturally
Governing Type		Mechanic	Mechanic	Mechanic	Mechanic
Displacement	[L]	1,13	1,49	1,49	2,21
Bore and Stroke	[mm]	77 x 81	84 x 90	84 x 90	84 x 100
Compression Ratio		23:1	22.5:1	22.5:1	23.3:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime- %50 Loaded	[L/h]	1,5	2,1	2,5	2,9
Fuel Consumption Prime- % 75 Loaded	[L/h]	2,0	2,8	3,4	4,0
Fuel Consumption Prime- % 100 Loaded	[L/h]	2,6	3,7	4,3	5,4
Fuel Consumption Prime- %110 Loaded	[L/h]	2,9	4,1	5,2	6,2
Fuel Tank Capacity, w/o Canopy (Canopy)	[t]	58 [40]	58 [40]	58 [40]	58 [40]
ALTERNATOR					
Model		JCB 160S	JCB 160L	JCB 160L	JCB 160LX
Output Power	400 V-kVA	10,0	16,0	16,0	21,0
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]	500 [942]	500 [942]	500 [942]	500 [942]
Length, Open [Canopy]	[mm]	1400 [1916]	1400 [1916]	1400 [1916]	1400 [1916]
Height, Open [Canopy]	[mm]	1330 [1444]	1330 [1444]	1330 [1444]	1330 [1444]
Weight, Open [Canopy]	[kg]	402 [513]	485 [596]	485 [596]	536 [647]

GROUP		JCP 33	JCP 50	JCP 66	JCP 71
Stand By Power	kVA (kWe) A	33,0 [26,4] 47,7	50,0 [40,0] 72,3	66,0 [52,8] 95,4	71,0 [56,8] 102,6
Prime Power	kVA (kWe) A	30,0 [24,0] 43,4	45,5 [36,4] 65,7	60,0 [48,0] 86,7	64,5 [51,6] 93,3
Continuous Power	kVA (kWe) A	21,0 [16,8] 30,3	31,8 [25,5] 46,0	42,0 [33,6] 60,7	45,2 [36,1] 65,3
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

ENGINE

Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		1103A-33G	1103A-33G	1103A-33TG2	1104A-44TG1
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	31,0	46,5	60,5	65,6
Net Engine Power	(kW)	30,4	45,6	59,3	64,3
Number of Cylinder		3	3	3	4
Configuration		Vertical,In-Line	Vertical,In-Line	Vertical,In-Line	Vertical,In-Line
Emission		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiration		Naturally	Turbo Charged	Turbo Charged	Turbo Charged
Governing Type		Mechanic	Mechanic	Mechanic	Mechanic
Displacement	[L]	3,3	3,3	3,3	4,4
Bore and Stroke	[mm]	105 x 127	105 x 127	105 x 127	105 x 127
Compression Ratio		19.25:1	17.25:1	17.25:1	17.25:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime- %50 Loaded	[L/h]	3,9	5,7	7,2	8,0
Fuel Consumption Prime- % 75 Loaded	[L/h]	5,4	8,2	10,4	11,2
Fuel Consumption Prime- % 100 Loaded	[L/h]	7,1	10,7	13,9	14,8
Fuel Consumption Prime- %110 Loaded	[L/h]	7,9	12,0	15,4	16,5
Fuel Tank Capacity, w/o Canopy (Canopy)	[t]	55 [100]	55 [100]	55 [100]	134 [205]

ALTERNATOR

Model		JCB 180M2	JCB 180LX	JCB 225S2	JCB 225S2
Output Power	400 V-kVA	31,0	46,0	65,0	65,0
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]	629 [1002]	634 [1002]	634 [1002]	700 [1042]
Length, Open [Canopy]	[mm]	1600 [2269]	1600 [2269]	1600 [2269]	1700 [2615]
Height, Open [Canopy]	[mm]	1330 [1597]	1330 [1597]	1643 [1597]	1643 [1766]
Weight, Open [Canopy]	[kg]	737 [878]	834 [975]	864 [1005]	930 [1157]

DIESEL GENERATORS -- JCP SERIES

GROUP		JCP 88	JCP 94	JCP 112	JCP 150
Stand By Power	kVA (kWe) A	88,0 [70,4] 127,2	94,0 [75,2] 135,8	112,0 [89,6] 161,8	150,0 [120,0] 216,8
Prime Power	kVA (kWe) A	80,0 [64,0] 115,6	85,5 [68,4] 123,5	101,8 [81,5] 147,1	136,4 [109,1] 197,1
Continuous Power	kVA (kWe) A	56,0 [44,8] 80,9	59,8 [47,9] 86,4	71,3 [57,0] 103,0	95,5 [76,4] 137,9
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

ENGINE

ENGINE		JCP 88	JCP 94	JCP 112	JCP 150
Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		1104A-44TG2	1104C-44TAG1	1104C-44TAG2	1106A-70TG1
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	80,7	82,5	103,0	135,8
Net Engine Power	(kW)	79,1	79,0	99,5	131,4
Number of Cylinder		4	4	4	4
Configuration		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emission		Fuel Optimised	Fuel Optimised	Tier II	Fuel Optimised
Aspiration		Turbo Charged	Turbo Charged	Turbo Charged/ Intercooled	Turbocharged
Governing Type		Mechanic	Electronic	Electronic	Electronic
Displacement	[L]	4,4	4,4	4,4	7,01
Bore and Stroke	[mm]	105 x 127	105 x 127	105 x 127	105 x 135
Compression Ratio		17.25:1	17.25:1	18.23:1	18.2:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime- %50 Loaded	[L/h]	9,7	9,8	11,8	15,9
Fuel Consumption Prime- % 75 Loaded	[L/h]	14,0	14,3	17,1	22,7
Fuel Consumption Prime- % 100 Loaded	[L/h]	18,7	18,6	22,6	30,3
Fuel Consumption Standby- %100 Loaded	[L/h]	20,5	20,3	24,9	33,8
Fuel Tank Capacity, w/o Canopy (Canopy)	[l]	134 [205]	161 [205]	161 [205]	256 [376]

ALTERNATOR

ALTERNATOR		JCP 88	JCP 94	JCP 112	JCP 150
Model		JCB 225M1	JCB 225M2	JCB 225LX	JCB 270S1
Output Power	400 V-kVA	77,0	91,0	109,0	141,0
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

DIMENSIONS		JCP 88	JCP 94	JCP 112	JCP 150
Width, Open [Canopy]	[mm]	700 [1042]	721 [1042]	721 [1042]	900 [1153]
Length, Open [Canopy]	[mm]	1782 [2615]	1900 [2615]	1908 [2615]	2400 [2971]
Height, Open [Canopy]	[mm]	1643 [1766]	1643 [1766]	1643 [1766]	1530 [2027]
Weight, Open [Canopy]	[kg]	945 [1172]	1007 [1234]	1137 [1364]	1433 [1863]

GROUP		JCP 165	JCP 200	JCP 220	JCP 250
Stand By Power	kVA (kWe) A	165,0 [132,0] 238,4	200,0 [160,0] 289,0	220,0 [176,0] 317,9	250,0 [200,0] 361,3
Prime Power	kVA (kWe) A	150,0 [120,0] 216,8	181,8 [145,5] 262,7	200,0 [160,0] 289,0	227,3 [181,8] 328,4
Continuous Power	kVA (kWe) A	105,0 [84,0] 151,7	127,3 [101,8] 183,9	140,0 [112,0] 202,3	159,1 [127,3] 229,9
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

ENGINE

Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		1106A-70TAG2	1106A-70TAG3	1106A-70TAG4	1206A-70TTAG2
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	149,1	180,2	196,3	226,1
Net Engine Power	(kW)	144,1	175,2	191,3	217,1
Number of Cylinder		6	6	6	6
Configuration		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emission		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiration		Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled	Series turbocharged /aftercooled
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	7,01	7,01	7,01	7,01
Bore and Stroke	[mm]	105 x 135	105 x 135	105 x 135	105 x 135
Compression Ratio		18.2:1	16:1	16:1	15.8:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime- %50 Loaded	[L/h]	16,4	20,1	23,1	25,5
Fuel Consumption Prime- % 75 Loaded	[L/h]	24,7	31,8	34,7	38,0
Fuel Consumption Prime- % 100 Loaded	[L/h]	33,4	41,6	45,8	51
Fuel Consumption Standby- %100 Loaded	[L/h]	36,1	44,6	49,4	56,6
Fuel Tank Capacity, w/o Canopy (Canopy)	[l]	256 [376]	256 [376]	375 [376]	375 [445]

ALTERNATOR

Model		JCB 270S2	JCB 270M	JCB 270M1	JCB 270MX
Output Power	400 V-kVA	159,0	182,0	214,0	232,0
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 [1153]	900 [1153]	995 [1140]
Length, Open [Canopy]	[mm]	2511 [2971]	2511 [2971]	2650 [2971]	2652 [3409]
Height, Open [Canopy]	[mm]	1573 [2027]	1573 [2027]	1673 [2027]	1972 [1955]
Weight, Open [Canopy]	[kg]	1471 [1901]	1546 [1976]	1666 [2096]	1686 [2060]

DIESEL GENERATORS -- JCP SERIES

GROUP		JCP 275	JCP 300	JCP 350	JCP 400
Stand By Power	kVA (kWe) A	275,0 [220,0] 397,4	300,0 [240,0] 433,5	350,0 [280,0] 506,0	400,0 [320,0] 578,0
Prime Power	kVA (kWe) A	250,0 [200,0] 361,3	272,7 [218,2] 394,1	318,0 [254,0] 460,0	363,6 [290,9] 525,5
Continuous Power	kVA (kWe) A	175,0 [140,0] 252,9	190,9 [152,7] 275,9	223,0 [178,0] 322,0	254,5 [203,6] 367,8
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		1206A-70TTAG3	1506A-E88TAG4	1706A-E93TAG1	1706A-E93TAG1
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	248,6	281,0	304,0	343,0
Net Engine Power	(kW)	238,2	268,0	295,0	334,0
Number of Cylinder		6	6	6	6
Configuration		Vertical,In-Line	Vertical,In-Line	Vertical,In-Line	Vertical,In-Line
Emission		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiration		Turbocharged/ Intercoolerd	Turbocharged/ Intercooled	Turbocharged/ Intercoolerd	Turbocharged/ Intercooled
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	7,01	8,8	9,29	9,29
Bore and Stroke	[mm]	105 x 135	112 x 149	115 x 149	115 x 149
Compression Ratio		15.8:1	16.1:1	16.5:1	16.5:1
Electric System	[V]	12	24	24	24
Fuel Consumption Prime- %50 Loaded	[L/h]	28,1	31,6	32,7	37,1
Fuel Consumption Prime- % 75 Loaded	[L/h]	41,5	45,8	46,5	53,6
Fuel Consumption Prime- % 100 Loaded	[L/h]	56,9	60,2	62,8	70,8
Fuel Consumption Standby- %100 Loaded	[L/h]	64,5	66,3	68,8	78,1
Fuel Tank Capacity, w/o Canopy (Canopy)	[lit]	375 [445]	475 [673]	475 [673]	673 [673]
ALTERNATOR					
Model		JCB 270L1	JCB 270LX	JCB270LXA	JCB 315S
Output Power	400 V-kVA	255,0	273,0	318,0	373,0
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]	995 [1140]	1100 [1179]	1100 [1179]	1200 [1179]
Length, Open [Canopy]	[mm]	2742 [3409]	2940 [3921]	2967 [3921]	3165 [3921]
Height, Open [Canopy]	[mm]	1972 [1955]	1961 [2498]	1966 [2498]	1966 [2498]
Weight, Open [Canopy]	[kg]	1736 [2110]	2325 [2899]	2325 [2919]	2588 [3162]

GROUP		JCP 450	JCP 500	JCP 550	JCP 660
Stand By Power	kVA (kWe) A	450,0 [360,0] 650,3	500,0 [400,0] 722,5	550,0 [440,0] 794,8	660,0 [528,0] 953,8
Prime Power	kVA (kWe) A	409,1 [327,3] 591,2	454,5 [363,6] 656,9	500,0 [400,0] 722,5	600,0 [480,0] 867,1
Continuous Power	kVA (kWe) A	286,4 [229,1] 413,8	318,2 [254,5] 459,8	350,0 [280,0] 505,8	420,0 [336,0] 606,9
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		2206A-E13TAG3	2506A-E15TAG1	2506A-E15TAG1	2806A-E18TAG1
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	413,0	451,0	495,0	593,0
Net Engine Power	(kW)	399,0	434,0	478,0	575,0
Number of Cylinder		6	6	6	6
Configuration		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emission		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiration		Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	12,5	15,2	15,2	18,13
Bore and Stroke	[mm]	130 x 157	137 x 171	137 x 171	145 x 183
Compression Ratio		16.3:1	16:1	16:1	14,5:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %50 Loaded	[L/h]	42	50,0	53,0	61
Fuel Consumption Prime- % 75 Loaded	[L/h]	62,0	72,0	76,0	90,0
Fuel Consumption Prime- % 100 Loaded	[L/h]	81	95,0	100,0	123
Fuel Consumption Standby- %100 Loaded	[L/h]	89,0	104,0	111,0	134,0
Fuel Tank Capacity, w/o Canopy (Canopy)	[l]	673 [400]	673 [400]	673 [400]	1350 [530]
ALTERNATOR					
Model		JCB 315M	JCB MXA	JCB 315L	JCB 355M
Output Power	400 V-kVA	409,0	468,0	514,0	600,0
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]	1200 [1600]	1200 [1600]	1200 [1600]	1600 [1900]
Length, Open [Canopy]	[mm]	3242 [4600]	3629 [4600]	3629 [4600]	3636 [5000]
Height, Open [Canopy]	[mm]	2325 [2280]	2318 [2280]	2318 [2280]	2407 [2300]
Weight, Open [Canopy]	[kg]	2963 [3847]	3340 [4224]	3378 [4262]	4079 [5689]

DIESEL GENERATORS -- JCP SERIES

GROUP		JCP 720	JCP 825	JCP 850	JCP 900
Stand By Power	kVA (kWe) A	720,0 [576,0] 1.040,5	825,0 [660,0] 1.192,0	850,0 [680,0] 1.228,0	900,0 [720,0] 1.300,6
Prime Power	kVA (kWe) A	654,5 [523,6] 954,9	750,0 [600,0] 1.083,0	722,0 [618,0] 1.115,0	818,2 [654,5] 1.182,3
Continuous Power	kVA (kWe) A	458,2 [366,5] 662,1	525,0 [420,0] 758,0	540,0 [432,0] 780,0	572,7 [458,2] 827,6
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		2806A-E18TAG2	4006-23TAG2A	2806-E18TTAG5	4006-23TAG3A
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	628,0	732,0	739,0	786,0
Net Engine Power	(kW)	609,0	702,0	714,0	760,0
Number of Cylinder		6	6	6	6
Configuration		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emission		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiration		Turbocharged/ Intercooled	Turbocharged/ Intercooled	Series Turbocharged/ Intercooled	Turbocharged/ Intercooled
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	18,13	18,13	18,13	22,921
Bore and Stroke	[mm]	145 x 183	145 x 183	145 x 183	160 x 190
Compression Ratio		14,5:1	14,5:1	14:1	13,6:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %50 Loaded	[L/h]	66,0	84,0	80,0	90,0
Fuel Consumption Prime- % 75 Loaded	[L/h]	97,0	121,0	118,0	130,0
Fuel Consumption Prime- % 100 Loaded	[L/h]	132,0	161,0	162,0	172,0
Fuel Consumption Standby- %100 Loaded	[L/h]	143,0	181,0	180,0	190,0
Fuel Tank Capacity, w/o Canopy (Canopy)	[t]	1350 [530]	2000 [2000]	1350 [530]	2000 [2000]
ALTERNATOR					
Model		JCB 355M1	JCB 355MXA	JCB 355L	JCB 355LX
Output Power	400 V-kVA	659,0	750,0	773,0	850,0
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]	1600 [1900]	1710 [2100]	1600 [1900]	1710 [2100]
Length, Open [Canopy]	[mm]	3636 [5000]	4055 [5929]	3666 [5000]	4055 [5929]
Height, Open [Canopy]	[mm]	2407 [2300]	1964 [2405]	2407 [2300]	1964 [2405]
Weight, Open [Canopy]	[kg]	4219 [5829]	6370 [10020]	4827 [6437]	6370 [10020]

GROUP		JCP 1000	JCP 1125	JCP 1250	JCP 1385
Stand By Power	kVA (kWe) A	1.000,0 [800,0] 1.445,1	1.125,0 [900,0] 1.625,7	1.250,0 [1.000,0] 1.806,4	1.385,0 [1.108,0] 2.001,4
Prime Power	kVA (kWe) A	909,1 [727,3] 1.313,7	1.022,7 [818,2] 1.477,9	1.136,4 [909,1] 1.642,1	1.259,1 [1.007,3] 1.819,5
Continuous Power	kVA (kWe) A	636,4 [509,1] 919,6	715,9 [572,7] 1.034,6	795,5 [636,4] 1.149,5	881,4 [705,1] 1.273,6
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

ENGINE					
Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		4008TAG1A	4008TAG2A	4008-30TAG3	4012-46TWG2A
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	882,0	985,0	1105,0	1217,0
Net Engine Power	(kW)	844,0	947,0	1055,0	1166,0
Number of Cylinder		8	8	8	12
Configuration		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vee 60°
Emission		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiration		Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/WAC- Intercooled
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	30,561	30,561	30,561	45,842
Bore and Stroke	[mm]	160 x 190	160 x 190	160 x 190	160 x 190
Compression Ratio		13,6:1	13,6:1	13:1	13:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %50 Loaded	[L/h]	98,0	108,0	120,0	143,0
Fuel Consumption Prime- % 75 Loaded	[L/h]	143,0	160,0	188,0	196,0
Fuel Consumption Prime- % 100 Loaded	[L/h]	195,0	220,0	244,0	259,0
Fuel Consumption Standby- %100 Loaded	[L/h]	218,0	248,0	269,0	288,0
Fuel Tank Capacity, w/o Canopy (Canopy)	[lit]	2000 [2000]	2000 [2000]	2000 [2000]	2250 [2250]

ALTERNATOR					
Make		JCB 400S	JCB 400M	JCB 400MX	JCB 400L
Output Power	400 V-kVA	909,0	1000,0	1136,0	1273,0
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]	2050 [2350]	2050 [2350]	2200 [2350]	1800 [2352]
Length, Open [Canopy]	[mm]	5100 [6769]	5100 [6769]	5100 [6769]	5070 [7883]
Height, Open [Canopy]	[mm]	2145 [2405]	2145 [2405]	2145 [2405]	2291 [2706]
Weight, Open [Canopy]	[kg]	7640 [11290]	7820 [11470]	8050 [11700]	9340 [14360]

DIESEL GENERATORS -- JCP SERIES

GROUP		JCP 1500	JCP 1656	JCP 1880	JCP 2000
Stand By Power	kVA (kWe) A	1.500,0 [1.200,0] 2.167,6	1.656,0 [1.324,8] 2.393,1	1.880,0 [1.504,0] 2.716,8	2.000,0 [1.600,0] 2.890,2
Prime Power	kVA (kWe) A	1.363,6 [1.090,9] 1.970,9	1.505,5 [1.204,4] 2.175,5	1.709,1 [1.367,3] 2.469,8	1.818,2 [1.454,5] 2.627,4
Continuous Power	kVA (kWe) A	954,5 [763,6] 1.379,4	1.053,8 [843,1] 1.522,9	1.196,4 [957,1] 1.728,8	1.272,7 [1.018,2] 1.839,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

ENGINE					
Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		4012-46TWG3A	4012-46TAG2A	4012-46TAG3A	4016-61TRG1
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	1321,0	1459,0	1643,0	1774,0
Net Engine Power	(kW)	1263,0	1395,0	1583,0	1684,0
Number of Cylinder		12	12	12	16
Configuration		Vee 60°	Vee 60°	Vee 60°	Vee 60°
Emission		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiration		Turbocharged/WAC- Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ WAC-Intercooled
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	45,842	45,842	45,842	61,123
Bore and Stroke	[mm]	160 x 190	160 x 190	160 x 190	160 x 190
Compression Ratio		13:1	13:1	13:1	13:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %50 Loaded	[L/h]	151,0	162,0	187,0	198,0
Fuel Consumption Prime- % 75 Loaded	[L/h]	213,0	237,0	275,0	300,0
Fuel Consumption Prime- % 100 Loaded	[L/h]	283,0	301,0	370,0	385,0
Fuel Consumption Standby- %100 Loaded	[L/h]	318,0	335,0	405,0	414,0
Fuel Tank Capacity, w/o Canopy (Canopy)	[t]	2500 [2500]	2500 [2500]	3000 [3000]	3000 [3000]

ALTERNATOR					
Model		JCB 400L1	JCB 400L2	JCB 450S	JCB 450SX
Output Power	400 V-kVA	1418,0	1500,0	1750,0	1818,0
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	±0.5	±0.5

DIMENSIONS					
Width, Open [Canopy]	[mm]	1800 [2352]	1800 [2352]	2200 [2352]	2190 [2430]
Length, Open [Canopy]	[mm]	5070 [7883]	5225 [7883]	5225 [7883]	6200 [12000]
Height, Open [Canopy]	[mm]	2291 [2706]	2255 [2706]	2259 [2706]	3100 [3200]
Weight, Open [Canopy]	[kg]	9570 [14590]	10385 [15405]	12036 [17056]	12720 [19840]

GROUP		JCP 2030	JCP 2250	JCP 2263	JCP 2500
Stand By Power	kVA (kWe) A	2.030,0 [1.624,0] 2.933,5	2.250,0 [1.800,0] 3.251,4	2.263,0 [1.810,0] 3.270,2	2.500,0 [2.000,0] 3.612,7
Prime Power	kVA (kWe) A	1.845,5 [1.476,4] 2.666,8	2.045,5 [1.636,4] 2.955,9	2.057,3 [1.645,8] 2.972,9	2.272,7 [1.818,2] 3.284,3
Continuous Power	kVA (kWe) A	1.291,8 [1.033,5] 1.866,8	1.431,8 [1.145,5] 2.069,1	1.440,1 [1.152,1] 2.081,1	1.590,9 [1.272,7] 2.299,0
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		PERKINS	PERKINS	PERKINS	PERKINS
Model		4016TAG1A	4016-61TRG2	4016TAG2	4016-61TRG3
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	1741,0	1985,0	1937,0	2183,0
Net Engine Power	(kW)	1690,0	1895,0	1886,0	2083,0
Number of Cylinder		16	16	16	16
Configuration		Vee 60°	Vee 60°	Vee 60°	Vee 60°
Emission		Fuel Optimised	Fuel Optimised	Fuel Optimised	Fuel Optimised
Aspiration		Turbocharged/ Intercooled	Turbocharged/ WAC-Intercooled	Turbocharged/ WAC-Intercooled	Turbocharged/ WAC-Intercooled
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	61,123	61,123	61,123	61,123
Bore and Stroke	[mm]	160 x 190	160 x 190	160 x 190	160 x 190
Compression Ratio		13.6:1	13:1	13.6:1	13:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %50 Loaded	[L/h]	185,0	216,0	210,0	235,0
Fuel Consumption Prime- % 75 Loaded	[L/h]	277,0	337,0	316,0	346,0
Fuel Consumption Prime- % 100 Loaded	[L/h]	383,0	421,0	434,0	473,0
Fuel Consumption Standby- %100 Loaded	[L/h]	424,0	477,0	483,0	528,0
Fuel Tank Capacity, w/o Canopy (Canopy)	[lit]	3000 [3000]	3000 [3000]	3000 [3000]	3500 [3500]
ALTERNATOR					
Model		JCB 450SX	JCB 450M	JCB 450M	JCB 450MX
Output Power	400 V-kVA	1818,0	2045,0	2045,0	2273,0
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		±0.5	±0.5	±0.5	±0.5
DIMENSIONS					
Width, Open [Canopy]	[mm]	2775 [2900]	2190 [2430]	2775 [2900]	2200 [2430]
Length, Open [Canopy]	[mm]	6100 [12000]	6200 [12000]	6100 [12000]	6650 [12000]
Height, Open [Canopy]	[mm]	3300 [3500]	3100 [3200]	3300 [3500]	3300 [3500]
Weight, Open [Canopy]	[kg]	15680 [24850]	12720 [19840]	15680 [24850]	15800 [22920]



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