



DIESEL GENERATORS -- JVP SERIES

GROUP		JVP 94	JVP 110	JVP 145	JVP 172
Stand By Power	kVA (kWe) A	94,0 [75,2] 135,8	110,0 [88,0] 159,0	145,0 [116,0] 209,5	172,0 [137,6] 248,6
Prime Power	kVA (kWe) A	85,5 [68,4] 123,5	100,0 [80,0] 144,5	131,8 [105,5] 190,5	156,4 [125,1] 226,0
Continuous Power	kVA (kWe) A	59,8 [47,9] 86,4	70,0 [56,0] 101,2	92,3 [73,8] 133,3	109,5 [87,6] 158,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA
Model		TAD 530 GE	TAD 531 GE	TAD 532 GE	TAD 731 GE
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	89,0	104,0	133,0	153,0
Net Engine Power	(kW)	83,0	98,0	125,0	148,0
Number of Cylinder		4	4	4	6
Configuration		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emission		EU Stage 2	EU Stage 2	EU Stage 2	EU Stage 2
Aspiration		Turbo Charged	Turbo Charged & CAC	Turbo Charged & CAC	Turbo Charged & CAC
Governing Type		Mechanic	Mechanic	Mechanic	Mechanic
Displacement	[L]	4,76	4,76	4,76	7,15
Bore and Stroke	[mm]	108 x 130	108 x 130	108 x 130	108 x 130
Compression Ratio		18:1	18:1	18:1	18:1
Electric System	[V]	12	12	12	12
Fuel Consumption Prime- %50 Loaded	[L/h]	10,1	12,1	14,5	18,1
Fuel Consumption Prime- % 75 Loaded	[L/h]	14,4	17,6	21,5	26,3
Fuel Consumption Prime- % 100 Loaded	[L/h]	19,0	23,6	29,2	34,9
Fuel Consumption Prime- %110 Loaded	[L/h]	21,4	26,2	32,8	38,7
Fuel Tank Capacity, w/o Canopy (Canopy)	[lit]	190 [205]	190 [205]	256 [376]	256 [376]
ALTERNATOR					
Model		JCB 225M2	JCB 225LX	JCB 270S1	JCB 270S2
Output Power	400 V-kVA	91,0	109,0	141,0	159,0
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 [1000]	800 [1000]	900 [1110]	1003 [1110]
Length, Open [Canopy]	[mm]	2036 [2600]	2081 [2600]	2400 [2960]	2400 [2960]
Height, Open [Canopy]	[mm]	1677 [1510]	1677 [1510]	1672 [1727]	1885 [1727]
Weight, Open [Canopy]	[kg]	1020 [1247]	1120 [1347]	1450 [376]	1580 [2010]

GROUP		JVP 200	JVP 220	JVP 275	JVP 358
Stand By Power	kVA (kWe) A	200,0 [160,0] 289,0	220,0 [176,0] 317,9	275,0 [220,0] 397,4	358,0 [286,4] 517,3
Prime Power	kVA (kWe) A	181,8 [145,5] 262,7	200,0 [160,0] 289,0	250,0 [200,0] 361,3	325,5 [260,4] 470,3
Continuous Power	kVA (kWe) A	127,3 [101,8] 183,9	140,0 [112,0] 202,3	175,0 [140,0] 252,9	227,8 [182,3] 329,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50

ENGINE

Make		VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA
Model		TAD 732 GE	TAD 733 GE	TAD 734 GE	TAD 1341 GE
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	183,4	201,0	250,0	308,0
Net Engine Power	(kW)	179,0	195,0	238,0	298,0
Number of Cylinder		6	6	6	6
Configuration		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emission		EU Stage 2	EU Stage 2	EU Stage 2	EU Stage 2
Aspiration		Turbo Charged & CAC	Turbo Charged & CAC	Turbo Charged & CAC	Turbo Charged & CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	7,15	7,15	7,15	12,78
Bore and Stroke	[mm]	108 x 130	108 x 130	108 x 130	131 x 158
Compression Ratio		18:1	18:1	17:1	18.1:1
Electric System	[V]	12	12	24	24
Fuel Consumption Prime- %50 Loaded	[L/h]	21,2	23,1	30,8	33,3
Fuel Consumption Prime- % 75 Loaded	[L/h]	31,0	34,1	43,0	48,3
Fuel Consumption Prime- % 100 Loaded	[L/h]	41,3	46,0	54,0	63,1
Fuel Consumption Prime- %110 Loaded	[L/h]	46,0	51,7	60,2	69,2
Fuel Tank Capacity, w/o Canopy (Canopy)	[l]	256 [376]	256 [376]	256 [445]	673 [400]

ALTERNATOR

Model		JCB 270M	JCB 270M1	JCB 270L1	JCB 270LXA
Output Power	400 V-kVA	182,0	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]	1003 [1110]	1003 [1110]	1050 [1140]	1200 [1600]
Length, Open [Canopy]	[mm]	2400 [2960]	2400 [2960]	2592 [3409]	3107 [4600]
Height, Open [Canopy]	[mm]	1885 [1727]	1885 [1727]	1750 [1955]	2103 [2280]
Weight, Open [Canopy]	[kg]	1655 [2085]	1760 [2190]	1820 [2194]	2850 [3734]

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GROUP		JVP 400	JVP 450	JVP 509	JVP 563
Stand By Power	kVA (kWe) A	400,0 [320,0] 578,0	450,0 [360,0] 650,3	509,0 [407,2] 735,5	563,0 [450,4] 813,6
Prime Power	kVA (kWe) A	363,6 [290,9] 525,5	409,1 [327,3] 591,2	462,7 [370,2] 668,7	511,8 [409,5] 739,6
Continuous Power	kVA (kWe) A	254,5 [203,6] 367,8	286,4 [229,1] 413,8	323,9 [259,1] 468,1	358,3 [286,6] 517,7
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
ENGINE					
Make		VOLVO PENTA	VOLVO PENTA	VOLVO PENTA	VOLVO PENTA
Model		TAD 1342 GE	TAD 1344 GE	TAD 1345 GE	TAD 1641 GE
Speed	(RPM)	1500	1500	1500	1500
Gross Engine Power	(kW)	343,0	399,0	441,0	484,0
Net Engine Power	(kW)	333,0	389,0	431,0	473,0
Number of Cylinder		6	6	6	6
Configuration		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emission		EU Stage 2	EU Stage 2	EU Stage 2	EU Stage 2
Aspiration		Turbo Charged & CAC	Turbo Charged & CAC	Turbo Charged & CAC	Turbo Charged & CAC
Governing Type		Electronic	Electronic	Electronic	Electronic
Displacement	[L]	12,78	12,78	12,78	16,12
Bore and Stroke	[mm]	131 x 158	131 x 158	131 x 158	144 x 165
Compression Ratio		18.1:1	18.1:1	18.1:1	16.5:1
Electric System	[V]	24	24	24	24
Fuel Consumption Prime- %50 Loaded	[L/h]	37,0	42,8	46,5	51,6
Fuel Consumption Prime- % 75 Loaded	[L/h]	53,3	63,2	69,1	76,2
Fuel Consumption Prime- % 100 Loaded	[L/h]	70,3	83,0	91,7	103,2
Fuel Consumption Standby- %100 Loaded	[L/h]	77,0	91,5	101,7	113,8
Fuel Tank Capacity, w/o Canopy (Canopy)	[l]	673 [400]	673 [400]	673 [400]	1041 [530]
ALTERNATOR					
Model		JCB 315S	JCB 315M	JCB 315MXA	JCB 315L
Output Power	400 V-kVA	373,0	409,0	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]	1200 [1600]	1200 [1600]	1200 [1600]	1300 [1900]
Length, Open [Canopy]	[mm]	3266 [4600]	3266 [4600]	3356 [4600]	3479 [5000]
Height, Open [Canopy]	[mm]	2103 [2280]	2103 [2280]	2103 [2280]	2418 [2300]
Weight, Open [Canopy]	[kg]	3010 [3894]	3270 [4154]	3400 [4284]	3842 [5452]

GROUP		JVP 660	JVP 720	JVP 770
Stand By Power	kVA (kWe) A	660,0 [528,0] 953,8	720,0 [576,0] 1.040,5	770,0 [616,0] 1.112,7
Prime Power	kVA (kWe) A	600,0 [480,0] 867,1	654,5 [523,6] 945,9	700,0 [560,0] 1.011,6
Continuous Power	kVA (kWe) A	420,0 [336,0] 606,9	458,2 [366,5] 662,1	490,0 [392,0] 708,1
Power Factor	CosQ	0,8	0,8	0,8
Frequency	Hz	50	50	50

ENGINE

Make		VOLVO PENTA	VOLVO PENTA	VOLVO PENTA
Model		TAD 1642 GE	TWD 1644 GE	TWD 1645 GE
Speed	(RPM)	1500	1500	1500
Gross Engine Power	(kW)	565,0	630,0	675,0
Net Engine Power	(kW)	554,0	613,0	654,0
Number of Cylinder		6	6	6
Configuration		Vertical, In-Line	Vertical, In-Line	Vertical, In-Line
Emission		EU Stage 2	EU Stage 2	EU Stage 2
Aspiration		Turbo Charged & CAC	Turbo Charged & CAC	Turbo Charged & CAC
Governing Type		Electronic	Electronic	Electronic
Displacement	[L]	16,12	16,12	16,12
Bore and Stroke	[mm]	144 x 165	144 x 165	144 x 165
Compression Ratio		16.5:1	16.8:1	16.8:1
Electric System	[V]	24	24	24
Fuel Consumption Prime- %50 Loaded	[L/h]	58,9	63,7	73,2
Fuel Consumption Prime- % 75 Loaded	[L/h]	88,4	95,6	103,5
Fuel Consumption Prime- % 100 Loaded	[L/h]	119,7	129,4	134,5
Fuel Consumption Standby- %100 Loaded	[L/h]	132,9	144,2	149,6
Fuel Tank Capacity, w/o Canopy (Canopy)	[m ³]	1041 [531]	1041 [532]	1041 [533]

ALTERNATOR

Model		JCB 355M	JCB 355M1	JCB 355MX
Output Power	400 V-kVA	600,0	659,0	700,0
Overspeed	2U+1000V	2250	2250	2250
Insulation Class		H	H	H
Ingress Protection Rating		IP-23	IP-23	IP-23
Voltage		231 / 400 V	231 / 400 V	231 / 400 V
Voltage Regulation		±1	±1	±1

DIMENSIONS

Width, Open [Canopy]	[mm]	1300 [1900]	1400 [1900]	1400 [1900]
Length, Open [Canopy]	[mm]	3555 [5000]	3629 [5000]	3629 [5000]
Height, Open [Canopy]	[mm]	2418 [2300]	2543 [2300]	2511 [2300]
Weight, Open [Canopy]	[kg]	3930 [5540]	3985 [5595]	4385 [5995]



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