

Free epub Caterpillar 3412 engine specifications (PDF)

3412c marine propulsion 730 mhp 720 bhp 537 bkw image shown may not reflect actual engine standard engine equipment specifications v 12 4 stroke cycle diesel emissions imo displacement 27 03 l 1 649 47 in³ here are some key specifications of the cat 3412 engine number of cylinders 12 engine configuration v12 displacement 27 liters fuel system direct injection air system turbocharged engine oil specs proper engine oil is essential for the smooth operation and longevity of the cat 3412 engine engine 3412c 1007 bkw 1350 bhp 2300 rpm caterpillar engine specifications v 12 4 stroke cycle diesel bore mm in stroke mm in displacement l cu in 137 5 4 152 6 0 27 1649 rotation from flywheel end counterclockwise compression ratio capacity for liquids l u s gal cooling system engine only lube oil system refill gas engine technical data energy balance data lhv input heat rejection to jacket water jw heat rejection to atmosphere heat rejection to lube oil oc heat rejection to exhaust lhv to 77 f heat rejection to exhaust lhv to 350 f heat rejection to aftercooler ac includes generator 20 21 27 22 23 27 24 25 data shown is based on steady state operating conditions of 77 f 28 42 in hg and number 2 diesel fuel with 35 api and lhv of 18 390 btu lb the nominal emissions data shown is subject to instrumentation measurement facility and engine to engine variations the cat 3412c engine is a v 12 four stroke diesel engine with a displacement of 27 liters 1 650 cubic inches it features a robust design and is built to withstand tough operating conditions engine model 3412c ta v 12 4 stroke water cooled diesel 3412c ta v 12 4 stroke water cooled diesel bore 5 4 in 137 2 mm stroke 6 in 152 4 mm displacement 1648 86 in³ 27 02 l compression ratio 13 00 01 13 00 01 aspiration ta ta fuel system pump and lines pump and lines governor type adem a5 adem a5 specifications generator set specifications minimum rating 591 ekw 680 kva maximum rating 800 ekw 900 kva voltage 208 to 600 volts frequency 50 or 60 hz speed 1500 or 1800 rpm generator set configurations emissions fuel strategy low fuel consumption engine specifications engine model 3412c ta v 12 4 stroke water cooled diesel compression specifications generator set configurations benefits and features cat diesel engine reliable rugged durable design field proven in thousands of applications worldwide four stroke cycle diesel engine combines consistent performance and excellent fuel economy with minimum weight generator key specs maximum rating 600 bhp emissions non regulated areas displacement 1649 in³ g3412 change model benefits specs tools gallery offers find dealer request a price overview tough and durable built on the industry standard g3400 platform bring maximum uptime and low operating cost to your operation the document provides details on caterpillar 3412 marine engines it lists the standard equipment specifications marine propulsion power ratings and photos of available used caterpillar 3412 engines for sale performance marine engines 8rg 1 up 3408c 7bl 1 up 3412 3jk 1 up 3412c rea 1 up 3412d marine sebu6497 11 en us the information specifications and cat 3412 diesel generator sets standard features cat diesel engine designed and optimized for low fuel consumption reliable performance proven in thousands of applications worldwide generator set package accepts 100 block load in one step and meets nfpa 110 loading requirements conforms to iso 8528 5 g3 load acceptance requirements engine type 3412 engine power 580 kw more technical details like carriage model series dimension lwxh displacement revolutions at max torque max torque no of cylinders cylinder bore x stroke emission level are available in the full technical specs basic model special equipment electric starter silenced earth leakage monitor cat 3412 industrial diesel fire pump engine ratings 476 551 bkw 638 739 bhp 1750 2100 rpm are non certified available for global non regulated areas fm approved ul listed specifications benefits and features cat generator set package cat generator set packages have been fully prototype tested accepts 100 block load in one step and meets nfpa 110 loading requirements conform to iso 8528 5 steady state and transient response requirements cat diesel engine dimensions strong 3412c strong marine propulsion 730 mhp 720 bhp 537 bkw right side front engine dimensions 1 length to flywheel housing 1821 7 mm 71 72 in 2 width 1444 3 mm 56 86 in 3 height 1621 4 mm 63 83 in weight net dry approx 2415 kg 5 324 lb note do not use for installation design 1052 bkw 1800 rpm 1410 bhp 1800 rpm specifications v 12 4 stroke cycle diesel emissions imo compliant bore mm in 170 6 7 stroke mm in 190 7 5 overview cat 3412 industrial diesel fire pump engine ratings 476 551 bkw 638 739 bhp 1750 2100 rpm are non certified available for global non regulated areas fm approved ul listed specifications units us metric see more benefits features engine design the 3412 cat is a heavy duty v 12 diesel engine capable of making big horsepower with a maximum output of 551 bkw 750 bhp the

3412 is used to power a variety of off highway applications such as bulldozers scrapers haul trucks and dump trucks

3412c bhp 537 bkw marine propulsion specifications

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cat 3412 engine detailed specs configuration and

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engine 3412c 1007 bkw 1350 bhp 2300 rpm caterpillar engine specifications v 12 4 stroke cycle diesel bore mm in stroke mm in displacement l cu in 137 5 4 152 6 0 27 1649 rotation from flywheel end counterclockwise compression ratio capacity for liquids l u s gal cooling system engine only lube oil system refill

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gas engine technical data energy balance data lhv input heat rejection to jacket water jw heat rejection to atmosphere heat rejection to lube oil oc heat rejection to exhaust lhv to 77 f heat rejection to exhaust lhv to 350 f heat rejection to aftercooler ac includes generator 20 21 27 22 23 27 24 25

electric power technical spec sheet 3412c

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data shown is based on steady state operating conditions of 77 f 28 42 in hg and number 2 diesel fuel with 35 api and lhv of 18 390 btu lb the nominal emissions data shown is subject to instrumentation measurement facility and engine to engine variations

exploring the cat 3412c engine specs configuration and

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the cat 3412c engine is a v 12 four stroke diesel engine with a displacement of 27 liters 1 650 cubic inches it features a robust design and is built to withstand tough operating conditions

3412c 60 hz 591 800 kw diesel generator cat caterpillar

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engine model 3412c ta v 12 4 stroke water cooled diesel 3412c ta v 12 4 stroke water cooled diesel bore 5 4 in 137 2 mm stroke 6 in 152 4 mm displacement 1648 86 in³ 27 02 l compression ratio 13 00 01 13 00 01 aspiration ta ta fuel system pump and lines pump and lines governor type adem a5 adem a5

specifications log in

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specifications generator set specifications minimum rating 591 ekw 680 kva maximum rating 800 ekw 900 kva voltage 208 to 600 volts frequency 50 or 60 hz speed 1500 or 1800 rpm generator set configurations emissions fuel strategy low fuel consumption engine specifications engine model 3412c ta v 12 4 stroke water cooled diesel compression

3412c generator set electric power

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specifications generator set configurations benefits and features cat diesel engine reliable rugged durable design field proven in thousands of applications worldwide four stroke cycle diesel engine combines consistent performance and excellent fuel economy with minimum weight generator

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key specs maximum rating 600 bhp emissions non regulated areas displacement 1649 in³ g3412 change model benefits specs tools gallery offers find dealer request a price overview tough and durable built on the industry standard g3400 platform bring maximum uptime and low operating cost to your operation

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the document provides details on caterpillar 3412 marine engines it lists the standard equipment specifications marine propulsion power ratings and photos of available used caterpillar 3412 engines for sale

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cat 3412 diesel generator sets standard features cat diesel engine designed and optimized for low fuel consumption reliable performance proven in thousands of applications worldwide generator set package accepts 100 block load in one step and meets nfpa 110 loading requirements conforms to iso 8528 5 g3 load acceptance requirements

caterpillar 3412 725 specifications technical data 2011

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engine type 3412 engine power 580 kw more technical details like carriage model series dimension lwxh displacement revolutions at max torque max torque no of cylinders cylinder bore x stroke emission level are available in the full technical specs basic model special equipment electric starter silenced earth leakage monitor

cat 3412 pon cat

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cat 3412 industrial diesel fire pump engine ratings 476 551 bkW 638 739 bhp 1750 2100 rpm are non certified available for global non regulated areas fm approved ul listed

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specifications benefits and features cat generator set package cat generator set packages have been fully prototype tested accepts 100 block load in one step and meets nfpa 110 loading requirements conform to iso 8528 5 steady state and transient response requirements cat diesel engine

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dimensions strong 3412c strong marine propulsion 730 mhp 720 bhp 537 bkwright sidefront engine dimensions 1 length to flywheel housing 1821 7 mm 71 72 in 2 width 1444 3 mm 56 86 in 3 height 1621 4 mm 63 83 in weight net dry approx 2415 kg 5 324 lb note do not use for installation design

specifications scene 7

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1052 bkw 1800 rpm 1410 bhp 1800 rpm specifications v 12 4 stroke cycle diesel emissions imo compliant bore mm in 170 6 7 stroke mm in 190 7 5

3412 h cpc

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overview cat 3412 industrial diesel fire pump engine ratings 476 551 bkw 638 739 bhp 1750 2100 rpm are non certified available for global non regulated areas fm approved ul listed specifications units us metric see more benefits features engine design

3412 cat caterpillar 3412 3412 cat engine for sale

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the 3412 cat is a heavy duty v 12 diesel engine capable of making big horsepower with a maximum output of 551 bkw 750 bhp the 3412 is used to power a variety of off highway applications such as bulldozers scrapers haul trucks and dump trucks

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