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Fig1-2 V-engines(DAAF062155) Engine LE1 HE1 WE1 HE2 HE4 HE3 LE2 LE4 WE3 WE2 W12V32
6865 2430 2900 2120 650 1210 4150 300 1225 1590 W16V32 7905 2595 3325 2120 650 1210 5270
300 1225 1590 Engine WE5 LE3 WE4 HE5 HE6 WE6 LE5 Weight W12V32 1450 1985 850 1905 470
540 555 56.9 W16V32 1665 1925 850 2020 550 575 560 71.1 *Turbochargeratflywheelend.

W ä rtsil ä 32 Product guide

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W ä rtsil ä 26 Product Guide 4. Description of the Engine Description of the Engine Definitions Fig 4-1 In-line engine and V-engine definitions (1V93C0029 / 1V93C0028) Main engine components Main dimensions and weights are presented in chapter Main Data and Outputs. 4.2.1 Engine block The engine block is a one piece nodular cast iron component.

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Engine Room Layout W ä rtsil ä 20 Product Guide E = Min. distance between engines dependent on common base frame F = Width of the common base frame dependent on width of the generator 18.2 Space requirements for maintenance 18.2.1 Working space reservation The required working space around the engine is mainly determined by the dismantling dimensions of some engine components, as well as space ...

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The engine is fully equipped with all essential ancillaries and a thoroughly planned interface to external systems. The W ä rtsil ä 32 engine is fully compliant with the IMO Tier II exhaust emissions regulations set out in Annex VI of the MARPOL 73/78 convention. Download W ä rtsil ä 32 Brochure Download

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The engine can switch from MDO to HFO and vice versa without power interruption at any engine operation load. The W ä rtsil ä 20 engine is fully compliant with the IMO Tier II exhaust emissions regulations set out in Annex VI of the MARPOL 73/78 convention. Download Brochure W ä rtsil ä 20
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Engine TC HE5 HE6 WE1 WE1 WE2 WE3 WE4 WE4** WE5 WE6 Weight W12V50DF TPL71
3100 1140 4055 4525 2290 1800 1495 1300 2220 770 175 W16V50DF TPL76 3300 1100 4730 5325
2290 1800 1495 1300 2220 930 224 *TCindrivingend **Withmonospex(exhaustmanifold) With air
suction branches Alldimensionsinmm.Weightsaredryengines,inmetrictons,ofrigidlymountedengines

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withoutflywheel. 1-6 DAAB605816 1 ...

W ä r t s i l ä 50DF

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Description of the Engine Description of the Engine Definitions Fig 4-1 In-line engine and V-engine definitions (1V93C0029 / 1V93C0028) Main components and systems The dimensions and weights of engines are shown in section 1.5 Dimensions and weights . 4.2.1 Engine block The engine block, made of nodular cast iron, is cast in one piece for all cylinder numbers.

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Fig1-2 V-engines(DAAE075826B) Engine LE1* LE1 LE2 LE3* LE3 LE4 LE5* LE5 HE1 HE3 3765* / 1620 3770 10945 10284 7600 1830 1952 460 520 774 12V46F 14V46F - 11728 8650 - 2347 485 - 872 4234 1620 16V46F - 12871 9700 - 2347 485 - 872 4234 1620 Engine HE4 HE5 HE6 WE1 WE2 WE3 WE5 WE6 Weight[ton] 2825* / 760 177 3150 4040* / 2290 1820 4026 2975* / 790 2980 ...

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:IUWVLOI 46F - W ä rtsil ä

The W ä rtsil ä 50DF engine operates on the lean-burn principle. Lean combustion enables a high compression ratio, which in turn increases engine efficiency, reduces peak temperatures, and therefore also reduces NOx emissions. Both the gas admission and pilot fuel injection are electronically controlled.

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Engine 1200rpm 1000rpm 8L20 1760 1600 9L20 1980 1600

OutputsaregiveninkWattflywheel,includingorexcludingenginedrivenpumps,ISO15550-2002(E)conditions.

W ä r tsil ä 20

Engine[kW] Engine[kW] Generator[kVA] Engine[kW] Generator[kVA] W ä rtsil ä 6L34DF 3000 2880
3460 3000 3600 W ä rtsil ä 8L34DF 4000 3840 4610 4000 4800 W ä rtsil ä 9L34DF 4500 4320 5180
4500 5400 W ä rtsil ä 12V34DF 6000 5760 6910 6000 7200 W ä rtsil ä 16V34DF 8000 7680 9220 8000
9600 ThemeaneffectivepressurePecanbecalculatedusingthefollowingformula: where: $P_e =$

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meaneffectivepressure[bar] P= outputpercyli

W ä rtsil ä 34DF - Product guide

W ä rtsil ä has introduced the largest gas engine on the market. Based on the well-proven technology of the W ä rtsil ä 34SG and 50DF engines, the W ä rtsil ä 18V50SG has an output of 18 MW and offers an alternative to gas turbines for large power plants.

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