

# Catalogue

**WÄRTSILÄ**

**D628**

SBV6M628

1323501





| Document    | Catalogue |
|-------------|-----------|
| Engine type | SBV6M628  |
| Engine no.  | 1323501   |

**Document file no.** 1323501 **Date** January 2011

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# Introduction

The Spare Parts Catalogue provides the necessary information for ordering parts.

## Arrangement of Catalogue

The Spare Parts Catalogue is composed of:

- Drawings (Bild-Tafel) with item numbers (Fig. No)
- Parts lists showing the item number (Fig. No), part number, denomination and quantity per (sub-) assembly of each part.

## Ordering Parts

When ordering parts please include the following information:

### Installation Data:

- Engine Number (see name plate of the engine)
- Engine Type
- Name of ship or Installation

### Parts Data:

- Part Number and Description
- Number of Illustration (Bild-Tafel)
- Serial (unique) Number of the Part (if available)
- Quantity of required parts

### Shipment Data:

- Invoicing Address
- Forwarding Address
- Type of Shipment

The supply of spares is subject to our General Terms and Conditions for the sales of Spare Parts.

## Ordering Address

The parts required should be ordered direct from Wärtsilä Netherlands B.V. or from one of the service stations, workshops and ship repair centres that form our service network in 60 countries worldwide.

Wärtsilä Netherlands B.V.  
P.O. Box 10608, 8000 GB Zwolle  
Office: Hanzelaan 95, 8017 JE Zwolle  
The Netherlands  
Tel. +31 38 425 32 53 (24 hrs)  
Fax +31 38 422 35 64  
service.sales.nl@wartsila.com



**Equipment:** 1323501      **Engine type** SBV6M628

| <b>CG</b> | <b>ETL-No.</b> | <b>Designation (en)</b> |
|-----------|----------------|-------------------------|
| <b>1</b>  |                | <b>Crankcase</b>        |
| 1         | 05025922       | Cover                   |
| 1         | 05073101       | Crankcase parts         |
| 1         | 05073108       | Crankcase               |
| 1         | 05073114       | Main bearing            |
| 1         | 05073268       | Relief valve            |
| <b>2</b>  |                | <b>Oil pan</b>          |
| 2         | 05025925       | Fastenings              |
| 2         | 05025926       | Oil gauge               |
| 2         | 05026685       | Oil pan                 |
| <b>5</b>  |                | <b>Crankshaft</b>       |
| 5         | 05026151       | Crankshaft              |
| <b>6</b>  |                | <b>Connecting rod</b>   |
| 6         | 05066258       | Big end bearing         |
| <b>7</b>  |                | <b>Piston</b>           |
| 7         | 05073192       | Piston                  |
| <b>8</b>  |                | <b>Cylinder head</b>    |
| 8         | 05025936       | Exhaust valve           |
| 8         | 05026322       | Sealing ring            |
| 8         | 05038309       | Valve mechan.cover      |
| 8         | 05065324       | Cylinder head           |
| 8         | 05066390       | Inlet valve             |
| <b>9</b>  |                | <b>Timing chest</b>     |
| 9         | 05025938       | Gearcase                |
| 9         | 05026367       | Gear train              |
| 9         | 05061220       | Crankcase breather      |
| <b>10</b> |                | <b>Camshaft</b>         |
| 10        | 05025940       | Toothed gear            |
| 10        | 05025942       | Camshaft locator        |
| 10        | 05062121       | Camshaft                |
| <b>11</b> |                | <b>Timing gears</b>     |
| 11        | 05062970       | Valve drive             |
| <b>14</b> |                | <b>Lube oil pump</b>    |
| 14        | 05025946       | Blanking parts          |
| 14        | 05025948       | Blanking parts          |
| 14        | 05025949       | Blanking parts          |
| 14        | 05026368       | Lubricat. oil pump      |
| 14        | 05026393       | Idler gear              |
| 14        | 05026696       | Gear drive              |
| 14        | 05026697       | Toothed gear            |
| 14        | 05065307       | Valve                   |

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| <b>CG</b> | <b>ETL-No.</b> | <b>Designation (en)</b>     |
|-----------|----------------|-----------------------------|
| <b>15</b> |                | <b>Lube oil/-cooler</b>     |
| 15        | 05025951       | Oil centrifuge              |
| 15        | 05025952       | Lubric. oil cooler          |
| 15        | 05025954       | Accessories                 |
| 15        | 05038208       | Lubric. oil filter          |
| 15        | 05038233       | Lubric. oil filter          |
| <b>16</b> |                | <b>Oil pipes</b>            |
| 16        | 05025958       | Lubricat. oil line          |
| 16        | 05025963       | Oil line                    |
| 16        | 05025965       | Lubricat. oil line          |
| 16        | 05026469       | Lubricat. oil line          |
| 16        | 05026470       | Lubricat. oil line          |
| 16        | 05026472       | Breather                    |
| 16        | 05026474       | Lubricat. oil line          |
| 16        | 05028450       | Non-return valve            |
| 16        | 05034853       | Lubricat. oil line          |
| 16        | 05038310       | Lube device                 |
| 16        | 05066249       | Lubricat. oil line          |
| <b>17</b> |                | <b>Injection pump</b>       |
| 17        | 05025969       | Speedometer drive           |
| 17        | 05029604       | Speedometer drive           |
| 17        | 05032903       | Solenoid                    |
| 17        | 05032904       | Spring-brake actua          |
| 17        | 05033674       | Lubricat. oil pump          |
| 17        | 05033675       | Blanking parts              |
| 17        | 05034672       | Reverse lock                |
| 17        | 05034673       | Control rod                 |
| 17        | 05038548       | Blanking parts              |
| 17        | 05060582       | Injec.pump housing          |
| 17        | 05065672       | Parts inject.pump           |
| 17        | 05065691       | Fuel inject. pump           |
| 17        | 05065692       | Fuel inject. pump           |
| 17        | 05065693       | Fuel inject. pump           |
| 17        | 05065694       | Fuel inject. pump           |
| 17        | 05065695       | Fuel inject. pump           |
| <b>18</b> |                | <b>Injection pump drive</b> |
| 18        | 05028549       | Inject. pump drive          |
| <b>19</b> |                | <b>Injector</b>             |
| 19        | 05062110       | Fuel injector               |
| <b>20</b> |                | <b>Fuel filter</b>          |
| 20        | 05026397       | Fuel filter assy            |
| 20        | 05028467       | Fuel filter                 |
| 20        | 05038318       | Hand pump                   |
| 20        | 05038348       | Fuel pump                   |



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| <b>CG</b> | <b>ETL-No.</b> | <b>Designation (en)</b>     |
|-----------|----------------|-----------------------------|
| <b>21</b> |                | <b>Fuel pipes/fuel tank</b> |
| 21        | 05060728       | High pressure pipe          |
| 21        | 05065148       | Fuel line                   |
| 21        | 05065224       | Leak off line               |
| 21        | 05065269       | Fuel line                   |
| 21        | 05073042       | Leak off line               |
| 21        | 05073049       | Leak off line               |
| <b>27</b> |                | <b>Speed control</b>        |
| 27        | 05025979       | Governor drive              |
| 27        | 05025980       | Fastenings                  |
| 27        | 05028437       | Booster/servo unit          |
| 27        | 05061882       | Speed governor              |
| 27        | 05073217       | Speed governor              |
| <b>29</b> |                | <b>Control linkage</b>      |
| 29        | 05038498       | Linkage                     |
| <b>31</b> |                | <b>Starting valve</b>       |
| 31        | 05026414       | Safety valve                |
| 31        | 05038276       | Safety valve                |
| <b>32</b> |                | <b>Starting system</b>      |
| 32        | 05028571       | Press.reducer assy          |
| 32        | 05028574       | Press.reducer assy          |
| 32        | 05028747       | Non-return valve            |
| 32        | 05033641       | Safety system/dev.          |
| 32        | 05034562       | Pilot line                  |
| 32        | 05038190       | Comp.air reservoir          |
| 32        | 05038438       | Pilot line                  |
| 32        | 05038482       | Start master valve          |
| 32        | 05038520       | Fastenings                  |
| 32        | 05060230       | Pilot line                  |
| 32        | 05060679       | Mud flap                    |
| 32        | 05065296       | Pilot line                  |
| 32        | 05066355       | Pilot line                  |

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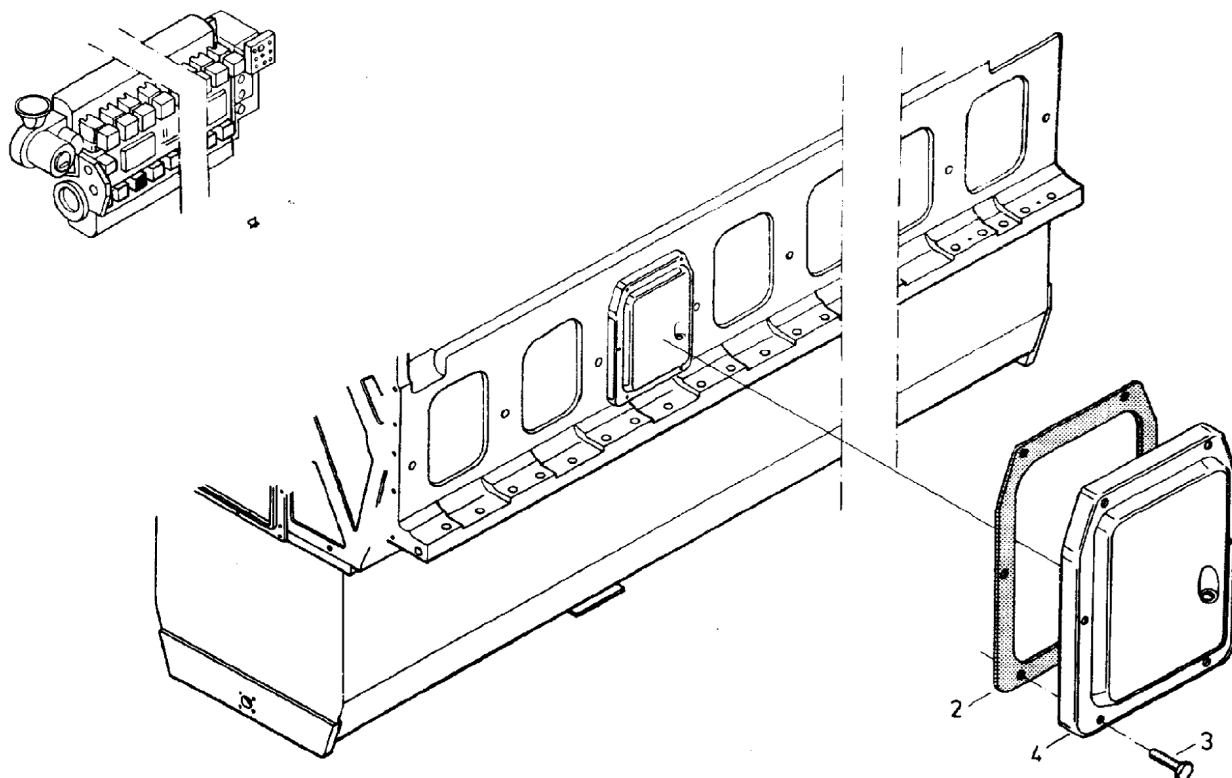
| <b>CG</b> | <b>ETL-No.</b> | <b>Designation (en)</b>       |
|-----------|----------------|-------------------------------|
| <b>35</b> |                | <b>Contol console</b>         |
| 35        | 05023794       | Direct.contr.valve            |
| 35        | 05023795       | Non-return valve              |
| 35        | 05023801       | Pressure switch               |
| 35        | 05023803       | Comp.air reservoir            |
| 35        | 05023805       | Distributor                   |
| 35        | 05026291       | Quick-exhaust valv            |
| 35        | 05026578       | Direct.contr.valve            |
| 35        | 05026579       | Direct.contr.valve            |
| 35        | 05026658       | Control unit assy             |
| 35        | 05033799       | Non-return valve              |
| 35        | 05034568       | Control unit                  |
| 35        | 05034570       | Auxiliaries/acc.              |
| 35        | 05034571       | Auxiliaries/acc.              |
| 35        | 05034572       | Control unit                  |
| 35        | 05034590       | Direct.contr.valve            |
| 35        | 05038483       | Direct.contr.valve            |
| 35        | 05061938       | Speed contr.valve             |
| <b>37</b> |                | <b>Cooling water pump</b>     |
| 37        | 05066283       | Cooling water pump            |
| 37        | 05066284       | Cooling water pump            |
| <b>38</b> |                | <b>Water pipes</b>            |
| 38        | 05026498       | Pipeline                      |
| 38        | 05028468       | Double valve                  |
| 38        | 05028678       | Cool.water manif.             |
| 38        | 05061649       | Cooling water line            |
| 38        | 05061652       | Cooling water line            |
| 38        | 05062447       | Waterpipe parts               |
| <b>41</b> |                | <b>Exhaust manifold</b>       |
| 41        | 05061760       | Exm manifold ins              |
| 41        | 05073027       | Sheeting/panelling            |
| 41        | 05073040       | Exhaust pipe                  |
| 41        | 05073279       | Exhaust pipe                  |
| 41        | 05073281       | Exhaust pipe                  |
| <b>43</b> |                | <b>Turbocharger</b>           |
| 43        | 05028624       | Cleaning device               |
| 43        | 05065403       | Cleaning attachm.             |
| <b>48</b> |                | <b>Electrical accessories</b> |

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| <b>CG</b> | <b>ETL-No.</b> | <b>Designation (en)</b> |
|-----------|----------------|-------------------------|
| <b>49</b> |                | <b>Tools</b>            |
| 49        | 05025998       | Tension/clamp dev.      |
| 49        | 05026402       | Removing device         |
| 49        | 05026403       | Removing device         |
| 49        | 05032924       | Grinding device         |
| <b>58</b> |                | <b>Intercooler</b>      |
| 58        | 05026001       | Fastenings              |
| 58        | 05066383       | Charge air cooler       |
| <b>87</b> |                | <b>Charge air pipe</b>  |
| 87        | 05062192       | Cover                   |
| 87        | 05066857       | Inlet manifold          |
| <b>90</b> |                | <b>Set of parts</b>     |
| 90        | 05029875       | Gasket set              |
| 90        | 05073186       | Supplem.gasket set      |



**ETL no.: 05025922 Cover**
**Constr. Group: 1**
**Equipment:** 1323501

**Engine type:** SBV6M628


| Item | Partno   | Quantity | UnitOrd | Designation (en) | Remark     |
|------|----------|----------|---------|------------------|------------|
| 2    | 02086208 | 1        | ST      | Gasket           |            |
| 3    | 01112418 | 4        | ST      | Hexagon bolt     |            |
| 4    | 04070597 | 1        | ST      | Cover            | ALTE POS.1 |