

| | | | | | | |
|-------------------|-----|--------------|-----------------|---------------------------------|------------------|-----------------------|
| Exec. code number | 200 | Pos. code no | Article number | Designation | Source of supply | Modifi- cation letter |
| PER ENGINE | | | Drawing number | Material and remarks | mass kg/piece | |
| Number of | * | 001 | 107.245.935.500 | | | |
| | | | 3-107.245.935 | | | |
| | | | | FLUID VELOCITIES AND FLOW RATES | | |
| | | | | RECOMMENDED VALUES | | |

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Q-Code X X X X X Substitute for Scale -/-

Engine type
RTMOT
RT-flex

Verschiedenes Anlage
VARIOUS INSTALLATION ITEMS
INSTALLATION DRAWINGS

Design group
9730

ISO
JIS

3- 107.246.078

Page:
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Drawn: T.LANDERT 16.01.96

Wartsila Switzerland Ltd

CAD

WÄRTSILÄ

SURFACE PROTECTION SEE GROUP 0344

GENERAL TOLERANCES ACCORDING TO ISO/2768-m

| DN Nominal pipe diameter | Medium | Sea-water | | | Fresh water | | Lub. oil | | MDO | | HFO | |
|-----------------------------|--|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | Pipe material | steel galvanized | | Al.brass | mild steel | | mild steel | | mild steel | | mild steel | |
| | Pump side | suction | delivery | both | suction | delivery | suction | delivery | suction | delivery | suction | delivery |
| 32 | m ³ /s m ³ /h | 1.0 3.5 | 1.4 4.9 | - - | 1.5 5.2 | 1.5 5.2 | 0.6 2.1 | 1.0 3.5 | 0.9 3.1 | 1.1 3.8 | 0.5 1.7 | 0.6 2.1 |
| 40 | m ³ /s m ³ /h | 1.2 5.7 | 1.6 7.6 | - - | 1.7 8.1 | 1.7 8.1 | 0.7 3.3 | 1.2 5.7 | 1.0 4.7 | 1.2 5.7 | 0.5 2.4 | 0.7 3.3 |
| 50 | m ³ /s m ³ /h | 1.3 10.1 | 1.8 14.0 | - - | 1.9 14.8 | 1.9 14.8 | 0.8 6.2 | 1.4 10.9 | 1.1 8.6 | 1.3 10.1 | 0.5 3.9 | 0.8 6.2 |
| 65 | m ³ /s m ³ /h | 1.5 16.7 | 2.0 22.2 | - - | 2.1 23.3 | 2.1 23.3 | 0.8 8.9 | 1.5 16.7 | 1.2 13.3 | 1.4 15.6 | 0.6 6.7 | 0.9 10 |
| 80 | m ³ /s m ³ /h | 1.6 27.5 | 2.1 36.1 | - - | 2.2 37.8 | 2.2 37.8 | 0.9 15.5 | 1.6 27.5 | 1.3 22.3 | 1.5 25.8 | 0.6 10.3 | 1.0 17.2 |
| 100 | m ³ /s m ³ /h | 1.8 53 | 2.2 65 | - - | 2.3 68 | 2.3 68 | 0.9 27 | 1.6 47 | 1.4 41 | 1.6 47 | 0.7 21 | 1.2 36 |
| 125 | m ³ /s m ³ /h | 2.0 93 | 2.3 107 | - - | 2.4 112 | 2.5 116 | 1.1 51 | 1.7 79 | 1.5 70 | 1.7 79 | 0.8 37 | 1.4 65 |
| 150 | m ³ /s m ³ /h | 2.2 148 | 2.4 161 | - - | 2.5 168 | 2.6 175 | 1.3 87 | 1.8 121 | 1.5 101 | 1.8 121 | 0.9 60 | 1.6 107 |
| 200 | m ³ /s m ³ /h | 2.3 267 | 2.5 291 | 2.6 302 | 2.6 302 | 2.7 314 | 1.3 151 | 1.8 209 | - - | - - | - - | - - |
| 250 | m ³ /s m ³ /h | 2.5 458 | 2.6 476 | 2.7 494 | 2.7 494 | 2.7 494 | 1.3 238 | 1.9 348 | - - | - - | - - | - - |
| 300 | m ³ /s m ³ /h | 2.6 676 | 2.6 676 | 2.8 728 | 2.7 702 | 2.7 702 | 1.3 338 | 1.9 494 | - - | - - | - - | - - |
| 350 | m ³ /s m ³ /h | 2.6 817 | 2.6 817 | 2.8 880 | 2.7 848 | 2.7 848 | 1.4 440 | 2.0 628 | - - | - - | - - | - - |
| 400 | m ³ /s m ³ /h | 2.6 1067 | 2.7 1067 | 2.8 1149 | 2.7 1108 | 2.7 1108 | 1.4 575 | 2.0 821 | - - | - - | - - | - - |
| 450 | m ³ /s m ³ /h | 2.6 1351 | 2.7 1403 | 2.9 1507 | 2.7 1403 | 2.7 1403 | 1.4 727 | 2.0 1039 | - - | - - | - - | - - |
| 500 | m ³ /s m ³ /h | 2.6 1678 | 2.7 1743 | 2.9 1872 | 2.7 1743 | 2.7 1743 | 1.5 968 | 2.1 1356 | - - | - - | - - | - - |
| 550 | m ³ /s m ³ /h | 2.6 2044 | 2.7 2122 | 2.9 2279 | 2.7 2122 | 2.7 2122 | 1.5 1179 | 2.1 1651 | - - | - - | - - | - - |

Remarks:

The values given in the table are guidance figures only. National standards also may be applied.

| | | | | | | | | | | | |
|--|------------------|------------------------------------|------------|-------------------|--------|------------------------|--------|------------|-----------|--------------------------|--|
| Free space for lic. | Q-Code XXXXX | | | | | | | | Main Drw. | | |
| | Standard ISO JIS | | | | | | | | | | |
| Modif. | B | EAAD084051 | 14.12.2012 | | | | | | | | |
| | Number | Drawn date | Number | Drawn date | Number | Drawn date | Number | Drawn date | Number | | |
| Units mm kg | | IDE | | Basic Material | | Net Weight 0.001 | | | | | |
| SURFACE PROTECTION SEE GROUP 0344 | | Made 06.10.1995 T.Landert | | Scale 1:1 | | Size A3 | | Page 1/1 | | Material 107.245.935.500 | |
| TOLERANCING PRINCIPLE ISO8015 | | Chkd | | Design Group 9730 | | Drawing ID 107.245.935 | | Rev. B | | | |
| GENERAL TOLERANCES ACCORDING TO ISO2768-mK | | Appd 15.02.1996 wdm2 Administrator | | | | | | | | | |

RECOMMENDED_FLUID-FLOW-RATES_vs_VELOCITIES_WinGD-2S

TRACK CHANGES

| DATE | SUBJECT | DESCRIPTION |
|------------|-------------|------------------|
| 2017-02-13 | INSTRUCTION | First web upload |

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