

Engine series, marine

All engines

Distribution:

Date: 08-2005

Binder: ABCDE

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Inboard diesel engines

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| 2001 | 1984 | 1991 | 4 | 1 | 79,00 | 87 | 0,43 | 17,5 | 9 | 3200 |
| 2002 | 1983 | 1991 | 4 | 2 | 79,00 | 87 | 0,85 | 17,5 | 18 | 3200 |
| 2003 | 1983 | 1990 | 4 | 3 | 79,00 | 87 | 1,28 | 17,5 | 28 | 3200 |
| 1051BR | | 1962 | 4 | 1 | 104,77 | 130 | 1,12 | 16,5 | 11,5 | 1500 |
| 1052BR | | 1962 | 4 | 2 | 104,77 | 130 | 2,24 | 16,5 | 23 | 1500 |
| 1053BR | | 1961 | 4 | 3 | 104,77 | 130 | 3,30 | 16,5 | 35 | 1500 |
| 1054BR | | 1961 | 4 | 4 | 104,77 | 130 | 4,48 | 16,5 | 46 | 1500 |
| 1113BR | 1961 | 1970 | 4 | 3 | 111,12 | 130 | 3,78 | 16,5 | 50-53 | 1800-2200 |
| 1114BR | 1961 | 1967 | 4 | 4 | 111,12 | 130 | 5,04 | 16,5 | 59-71 | 1500-2200 |
| 2001B | 1991 | 1993 | 4 | 1 | 79,00 | 130 | 0,43 | 17,5 | 9 | 3200 |
| 2001D | 1992 | 1993 | 4 | 1 | 79,00 | 130 | 0,43 | 17,5 | 9 | 3200 |
| 2002B | 1991 | 1993 | 4 | 2 | 79,00 | 130 | 0,85 | 17,5 | 18 | 3200 |
| 2002D | 1992 | 1993 | 4 | 2 | 79,00 | 130 | 0,85 | 17,5 | 18 | 3200 |
| 2003B | 1991 | 1993 | 4 | 3 | 79,00 | 130 | 1,28 | 17,5 | 28 | 3200 |
| 2003D | 1992 | 1993 | 4 | 3 | 79,00 | 130 | 1,28 | 17,5 | 28 | 3200 |
| 2003T | 1986 | 1993 | 4 | 3 | 79,00 | 87 | 1,28 | 17,5 | 43 | 3200 |
| D12C-A MP | 1999 | 2004 | 4 | 6 | 131,00 | 150 | 12,13 | 16,5 | 615-715 | 2150-2350 |
| D12D-A MG | 2002 | | 4 | 6 | 131,00 | 150 | 12,13 | 17,5 | 420-503 | 1850-1950 |
| D12D-A MH | 2002 | 2004 | 4 | 6 | 131,00 | 150 | 12,13 | 17,5 | 400-550 | 1850-1950 |
| D12D-A MP | 2002 | 2004 | 4 | 6 | 131,00 | 150 | 12,13 | 16,5 | 615-715 | 2150-2350 |
| D12D-B MH | 2002 | | 4 | 6 | 131,00 | 150 | 12,13 | 17,5 | 300-550 | 1850-1950 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|----------------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| D12D-B MG | 2002 | 4 | 6 | 131,00 | 150 | 12,13 | 17,5 | 420-503 | 1850-1950 |
| D12D-B MP | 2005 | 4 | 6 | 131,00 | 150 | 12,13 | 16,5 | 675-775 | 2150-2350 |
| D2-55A | 2001 2004 | 4 | 4 | 131,00 | 100 | 2,20 | 23 | 55 | 3000 |
| D2-55B | 2003 2005 | 4 | 4 | 131,00 | 100 | 2,20 | 23 | 55 | 3000 |
| D2-55C | 2004 2005 | 4 | 4 | 84,00 | 100 | 2,20 | 23 | 55 | 3000 |
| D25A MS | 2000 | 4 | 6 | 170,00 | 180 | 24,50 | 14 | 598-660 | 1600-1650 |
| D25A MT | 2000 | 4 | 6 | 170,00 | 180 | 24,50 | 14 | 639-707 | 1600-1650 |
| D2-75A | 2003 | 4 | 4 | 84,00 | 100 | 2,20 | 23 | 75 | 3000 |
| D30A MS | 2000 | 4 | 6 | 170,00 | 220 | 30,00 | 14 | 605-666 | 1350-1400 |
| D30A MT | 2000 | 4 | 6 | 170,00 | 220 | 30,00 | 14 | 653-721 | 1350-1400 |
| D3-110I-A | 2004 | 4 | 5 | 81,00 | 93,2 | 2,40 | 18 | 110 | 3000 |
| D3-130A-A | 2004 | 4 | 5 | 81,00 | 93,2 | 2,40 | 18 | 130 | 4000 |
| D3-130I-A | 2004 | 4 | 5 | 81,00 | 93,2 | 2,40 | 18 | 130 | 4000 |
| D3-160A-A | 2004 | 4 | 5 | 81,00 | 93,2 | 2,40 | 18 | 163 | 4000 |
| D3-160I-A | 2004 | 4 | 5 | 81,00 | 93,2 | 2,40 | 18 | 163 | 4000 |
| D34A MS | 2000 | 4 | V-12 | 150,00 | 160 | 33,90 | 14,5 | 862-953 | 1940-2000 |
| D34A MT | 2000 | 4 | V-12 | 150,00 | 160 | 33,90 | 14,5 | 953-1022 | 1940-2000 |
| D4-210A-B | 2004 | 4 | 4 | 103,00 | 110 | 3,70 | 17,5 | 210 | 3500 |
| D4-210I-B | 2004 | 4 | 4 | 103,00 | 110 | 3,70 | 17,5 | 210 | 3500 |
| D4-260A-B | 2004 | 4 | 4 | 103,00 | 110 | 3,70 | 17,5 | 260 | 3500 |
| D4-260I-B | 2000 | 4 | 4 | 103,00 | 110 | 3,70 | 17,5 | 260 | 3500 |
| D49A MS | 2000 | 4 | V-12 | 170,00 | 180 | 49,00 | 14 | 1197-1319 | 1600-1650 |
| D49A MT | 2000 | 4 | V-12 | 170,00 | 180 | 49,00 | 14 | 1298-1414 | 1800 |
| D5A T | 2002 | 4 | 4 | 108,00 | 130 | 4,80 | 17,6 | 98-129 | 1900-2300 |
| D5A TA | 2002 | 4 | 4 | 108,00 | 130 | 4,80 | 17,6 | 121-190 | 1900-2300 |
| D6-280A-B | 2004 | 4 | 6 | 103,00 | 110 | 5,50 | 17,5 | 280 | 3500 |
| D6-280I-B | 2004 | 4 | 6 | 103,00 | 110 | 5,50 | 17,5 | 280 | 3500 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start finish | Cycle- no. | Cyl. | Cyl diam. mm | Stroke- length mm | Stroke- volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|----------------------------------|---------------|------|--------------------|-------------------------|--|--------|------------------|------------|
| D6-310A-B | 2004 | 4 | 6 | 103,00 | 110 | 5,50 | 17,5 | 310 | 3500 |
| D6-310D-B | 2004 | 4 | 6 | 103,00 | 110 | 5,50 | 17,5 | 310 | 3500 |
| D6-310I-B | 2004 | 4 | 6 | 103,00 | 110 | 5,50 | 17,5 | 310 | 3500 |
| D6-350A-B | 2004 | 4 | 6 | 103,00 | 110 | | 17,5 | | |
| D6-370D-B | 2004 | 4 | 6 | 103,00 | 110 | 5,50 | 17,5 | 370 | 3500 |
| D6-370I-B | 2004 | 4 | 6 | 103,00 | 110 | 5,50 | 17,5 | 370 | 3500 |
| D65A MS | 2000 | 4 | V-16 | 170,00 | 180 | 65,40 | 14 | 1591-1754 | 1600-1650 |
| D65A MT | 2000 | 4 | V-16 | 170,00 | 180 | 65,40 | 14 | 1700-1877 | 1600-1650 |
| D7A T | 2002 | 4 | 6 | 108,00 | 130 | 7,20 | 17,6 | 147-175 | 1900-2300 |
| D7A TA | 2002 | 4 | 6 | 108,00 | 130 | 7,20 | 17,6 | 177-237 | 1900-2300 |
| D7C TA | 2002 | 4 | 6 | 108,00 | 130 | 7,20 | 17,6 | 199-265 | 1900-2300 |
| D9-300 | 2004 | 4 | 6 | 120,00 | 138 | 9,36 | 20,2 | 300 | 1750-1880 |
| D9-355 | 2004 | 4 | 6 | 120,00 | 138 | 9,36 | 20,2 | 355 | 1750-1880 |
| D9-425 | 2004 | 4 | 6 | 120,00 | 138 | 9,36 | 20,2 | 425 | 2200 |
| D9-500 | 2004 | 4 | 6 | 120,00 | 138 | 9,40 | 17,4 | 500 | 2600 |
| D9-575 | 2004 | 4 | 6 | 120,00 | 138 | 9,40 | 17,4 | 575 | 2500 |
| D9A2A | 2004 | 4 | 6 | 120,00 | 138 | 9,40 | 17,4 | 575 | |
| KAMD300 BT | 2001 | 4 | 6 | 92,00 | 90 | 3,60 | 16,9 | 285 | 3800 |
| KAMD300-A | 2001 2004 | 4 | 6 | 92,00 | 90 | 3,60 | 16,9 | 285 | 3800 |
| KAMD42A | 1991 1993 | 4 | 6 | 92,00 | 90 | 3,60 | 17,8 | | |
| KAMD42B | 1993 1994 | 4 | 6 | 92,00 | 90 | 3,60 | 17,8 | | |
| KAMD42P-A | 1994 1997 | 4 | 6 | 92,00 | 90 | 3,60 | 17,5 | 230 | 3900 |
| KAMD43P | 1997 2005 | 4 | 6 | 92,00 | 90 | 3,60 | 17,5 | 230 | 3900 |
| KAMD44P | 1997 2002 | 4 | 6 | 92,00 | 90 | 3,60 | 16,9 | | |
| KAMD44P-B | 1999 2002 | 4 | 6 | 92,00 | 90 | 3,60 | 16,9 | | |
| KAMD44P-C | 2000 2004 | 4 | 6 | 92,00 | 90 | 3,60 | 16,9 | | |
| KMD96A | 1958 | 4 | 6 | 120,65 | 140 | 9,60 | 17 | 165 | 1800 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| MD1 | 1958 | 1970 | 4 | 1 | 79,37 | 90 | 0,45 | 18 | 7 | 2300 |
| MD100A | 1965 | 1970 | 4 | 6 | 120,65 | 140 | 9,60 | 17 | 135-148 | 1800-2200 |
| MD100B | 1969 | 1984 | 4 | 6 | 120,65 | 140 | 9,60 | 17 | 150-189 | 1800-2200 |
| MD11C | 1975 | 1981 | 4 | 2 | 88,90 | 90 | 1,12 | 17,5 | 23 | 2500 |
| MD11D | 1981 | 1983 | 4 | 2 | 88,90 | 90 | 1,12 | 17,5 | 25 | 3000 |
| MD120A | 1970 | 1980 | 4 | 6 | 130,18 | 150 | 11,98 | 17 | 175-220 | 1800-2200 |
| MD17C | 1975 | 1981 | 4 | 3 | 88,90 | 90 | 1,68 | 17,5 | 35 | 2500 |
| MD17D | 1981 | 1984 | 4 | 3 | 88,90 | 90 | 1,68 | 17,5 | 36 | 3000 |
| MD19 | 1964 | 1968 | 4 | 4 | 88,00 | 80 | 1,95 | 22,1 | 68 | 4500 |
| MD1B | 1970 | 1973 | 4 | 1 | 88,90 | 90 | 0,56 | 17,5 | 10 | 2500 |
| MD2 | 1964 | 1967 | 4 | 2 | 79,37 | 90 | 0,89 | 17,5 | 15,5 | 2300 |
| MD2010A | 1993 | 1994 | 4 | 2 | 67,00 | 64 | 0,45 | 23,5 | 10 | 3600 |
| MD2010B | 1994 | 1998 | 4 | 2 | 67,00 | 64 | 0,45 | 23,5 | 10 | 3600 |
| MD2010C | 1998 | 2000 | 4 | 2 | 67,00 | 64 | 0,45 | 23,5 | 10 | 3600 |
| MD2010D | 2000 | 2005 | 4 | 2 | 67,00 | 64 | 0,45 | 23,5 | 10 | 3600 |
| MD2020A | 1993 | 1994 | 4 | 3 | 67,00 | 64 | 0,68 | 23,5 | 19 | 3600 |
| MD2020B | 1994 | 1998 | 4 | 3 | 67,00 | 64 | 0,68 | 23,5 | 19 | 3600 |
| MD2020C | 1998 | 2000 | 4 | 3 | 67,00 | 64 | 0,68 | 23,5 | 19 | 3600 |
| MD2020D | 1998 | 2002 | 4 | 3 | 67,00 | 64 | 0,68 | 23,5 | 19 | 3600 |
| MD2030A | 1993 | 1994 | 4 | 3 | 75,00 | 72 | 0,95 | 23 | 29 | 3600 |
| MD2030B | 1995 | 1998 | 4 | 3 | 75,00 | 72 | 0,95 | 23 | 29 | 3600 |
| MD2030C | 1998 | 2000 | 4 | 3 | 75,00 | 72 | 0,95 | 23 | 29 | 3600 |
| MD2030D | 1998 | 2002 | 4 | 3 | 75,00 | 72 | 0,95 | 23 | 29 | 3600 |
| MD2040A | 1993 | 1994 | 4 | 3 | 84,00 | 90 | 1,50 | 22,5 | 40 | 3600 |
| MD2040B | 1995 | 1998 | 4 | 3 | 84,00 | 90 | 1,50 | 22,5 | 40 | 3600 |
| MD2040C | 1998 | 2005 | 4 | 3 | 84,00 | 90 | 1,50 | 22,5 | 40 | 3600 |
| MD2040D | 1998 | 2002 | 4 | 3 | 84,00 | 90 | 1,50 | 22,5 | 40 | 3600 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| MD21A | 1969 | 1979 | 4 | 4 | 90,00 | 83 | 2,11 | 22,1 | 75 | 4500 |
| MD21B | 1979 | 1981 | 4 | 4 | 90,00 | 83 | 2,11 | 22,1 | 75 | 4500 |
| MD22 | 1988 | 1994 | 4 | 4 | 84,40 | 88.9 | 1,99 | 18,1 | 59 | 4000 |
| MD22A | 1994 | 1995 | 4 | 4 | 84,40 | 88.9 | 2,00 | 18,1 | | |
| MD22L | 1992 | 2002 | 4 | 4 | 84,40 | 88.9 | 2,00 | 17 | 50 | 3000 |
| MD22P-B | 1995 | | 4 | 4 | 84,50 | 88.9 | 2,00 | 18 | 59 | 4000 |
| MD27 | 1963 | 1966 | 4 | 6 | 85,00 | 80 | 2,72 | 21 | 83 | 4500 |
| MD29 | 1967 | 1968 | 4 | 6 | 88,00 | 80 | 2,92 | 21 | 92 | 4000 |
| MD29A | 1968 | 1970 | 4 | 6 | 88,00 | 80 | 2,92 | 21 | 92 | 4000 |
| MD2A | 1967 | 1970 | 4 | 2 | 79,37 | 90 | 0,89 | 17,5 | 16.5 | 2300 |
| MD2B | 1970 | 1975 | 4 | 2 | 88,90 | 90 | 1,12 | 17,5 | 25 | 2500 |
| MD2B/HY | 1970 | 1975 | 4 | 2 | 88,90 | 90 | 1,12 | 17,5 | 25 | 2500 |
| MD30A | 1983 | 1986 | 4 | 4 | 92,00 | 90 | 2,39 | 21 | 65 | 3800 |
| MD31A | 1986 | 1994 | 4 | 4 | 92,00 | 90 | 2,39 | 18 | 62 | 3500 |
| MD32A | 1970 | 1977 | 4 | 6 | 90,00 | 83 | 3,17 | 22,1 | 106 | 4000 |
| MD38A | 1963 | 1970 | 4 | 3 | 111,12 | 130 | 3,78 | 16,5 | 49-53 | 1800-2200 |
| MD3B | 1971 | 1975 | 4 | 3 | 88,90 | 90 | 1,68 | 17,2 | 36 | 2500 |
| MD4 | 1954 | 1964 | 4 | 4 | 75,00 | 100 | 1,77 | 19 | 19-39 | 1500-3400 |
| MD40A | 1976 | 1985 | 4 | 6 | 92,00 | 90 | 3,59 | 21 | 72-85 | 3000-3600 |
| MD42A | 1970 | 1974 | 4 | 6 | 105,57 | 120 | 4,20 | 17,5 | 56-75 | 1800-2300 |
| MD47A | 1955 | 1961 | 4 | 6 | 92,25 | 110 | 4,70 | 17 | 42-83 | 1200-2500 |
| MD47B | 1961 | 1965 | 4 | 6 | 92,25 | 110 | 4,70 | 17 | 65-83 | 1800-2500 |
| MD50A | 1965 | 1970 | 4 | 6 | 92,25 | 120 | 5,13 | 17 | 75-92 | 1800-2500 |
| MD5A | 1975 | 1978 | 4 | 1 | 84,00 | 80 | 0,44 | 15/16 | 7,5 | 2500 |
| MD5B | 1978 | 1981 | 4 | 1 | 84,00 | 80 | 0,44 | 15/16 | 7,5 | 2500 |
| MD5C | 1981 | 1982 | 4 | 1 | 84,00 | 80 | 0,44 | 15/16 | 9,5 | 3000 |
| MD67A | 1954 | 1955 | 4 | 6 | 104.77 | 130 | 6,73 | 17 | 59-103 | 1200-2400 |

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| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (* | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|--------------|-----------|
| MD67B | 1955 | 1960 | 4 | 6 | 104,77 | 130 | 6,73 | 17 | 59-103 | 1200-2400 |
| MD67C | 1960 | 1965 | 4 | 6 | 104,77 | 130 | 6,73 | 17 | 95-112 | 1800-2400 |
| MD6A | 1971 | 1975 | 4 | 2 | 70,00 | 82 | 0,63 | 18,7 | 10 | 2400 |
| MD6B | 1975 | 1976 | 4 | 2 | 70,00 | 82 | 0,63 | 18,7 | 10 | 2400 |
| MD6B/110S | 1975 | 1976 | 4 | 2 | 70,00 | 82 | 0,63 | 18,7 | 10 | 2400 |
| MD70A | 1965 | 1970 | 4 | 6 | 104,77 | 130 | 6,73 | 17 | 100-145 | 1800-2500 |
| MD70B | 1970 | 1978 | 4 | 6 | 104,77 | 130 | 6,73 | 17 | 110-145 | 2000-2500 |
| MD70C | 1978 | 1985 | 4 | 6 | 104,77 | 130 | 6,73 | 17 | 99-145 | 1800-2500 |
| MD7A | 1976 | 1981 | 4 | 2 | 76,00 | 82 | 0,77 | 17 | 13.4 | 2600 |
| MD7B | 1981 | 1983 | 4 | 2 | 76,00 | 82 | 0,77 | 17 | 17.5 | 3000 |
| MD96A | 1954 | 1959 | 4 | 6 | 120,65 | 140 | 9,60 | 17 | 89-137 | 1200-2200 |
| MD96B | 1958 | 1965 | 4 | 6 | 120,65 | 140 | 9,60 | 17 | 89-137 | 1200-2200 |
| TAMD102A | 1991 | 2000 | 4 | 6 | 120,65 | 140 | 9,60 | 14,3 | 320-360 | 1800-2000 |
| TAMD102D | 1993 | 2000 | 4 | 6 | 120,65 | 140 | 9,60 | 14,3 | 455 | 2250 |
| TAMD103A | 2000 | 2004 | 4 | 6 | 120,60 | 140 | 7,60 | 17 | 345-390 | 1800 |
| TAMD120A | 1972 | 1980 | 4 | 6 | 130,18 | 150 | 11,98 | 15 | 302-356 | 1800-2200 |
| TAMD120B | 1980 | 1983 | 4 | 6 | 130,18 | 150 | 11,98 | 13,3 | 340-400 | 1800-2200 |
| TAMD121C | 1983 | 1986 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | 408 | 2000 |
| TAMD121D | 1983 | 1988 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | 95-422 | 1200-2000 |
| TAMD122A | 1988 | 2002 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | 380-400 | 1000-1900 |
| TAMD122AF | 1991 | 1991 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | | |
| TAMD122C | 1988 | 1989 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | 173-450 | 1000-2000 |
| TAMD122D | 1989 | 1996 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | | |
| TAMD122P-A | 1995 | 2002 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | 530-600 | 2250 |
| TAMD122P-B | 1996 | 1999 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | 600 | 2250 |
| TAMD122P-C | 1996 | 2001 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | | |
| TAMD162A | 1988 | 1991 | 4 | 6 | 144,00 | 165 | 16,12 | 15 | 295-551 | 1200-1900 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| TAMD162B | 1990 | 1994 | 4 | 6 | 144,00 | 165 | 16,12 | 15 | | |
| TAMD162C | 1992 | 1996 | 4 | 6 | 144,00 | 165 | 16,12 | 15 | 490-510 | 1800 |
| TAMD162C-B | 1991 | 2000 | 4 | 6 | 144,00 | 165 | 16,12 | 15 | 510 | 1800 |
| TAMD162C-C | 1999 | 2001 | 4 | 6 | 144,00 | 165 | 16,12 | 17 | | |
| TAMD163A | 1994 | 1998 | 4 | 6 | 144,00 | 165 | 16,12 | 17 | 550-600 | 1800 |
| TAMD163A-A | 1995 | 2001 | 4 | 6 | 144,00 | 165 | 16,12 | 17 | 550-600 | 1800 |
| TAMD163P-A | 1994 | 2001 | 4 | 6 | 144,00 | 165 | 16,12 | 17 | 680-770 | 2100 |
| TAMD165A | 2002 | | 4 | 6 | 144,00 | 165 | 16,12 | 17 | 550 | 1800 |
| TAMD165A-A | 2002 | | 4 | 6 | 144,00 | 165 | 16,12 | 17 | | |
| TAMD165C | 2002 | 2005 | 4 | 6 | 144,00 | 165 | 16,12 | 17 | 510 | 1800 |
| TAMD165C-A | 2002 | 2005 | 4 | 6 | 144,00 | 165 | 16,12 | 17 | | |
| TAMD165P | 2002 | | 4 | 6 | 144,00 | 165 | 16,12 | 17 | 680-751 | 2100 |
| TAMD165P-A | 2002 | | 4 | 6 | 144,00 | 165 | 16,12 | 17 | | |
| TAMD22P-B | 1995 | 2003 | 4 | 4 | 84,50 | 88,9 | 2,00 | 17,5 | 105 | 4500 |
| TAMD30A | 1983 | 1986 | 4 | 4 | 92,00 | 90 | 2,39 | 21 | 110 | 3800 |
| TAMD31A | 1986 | 1991 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 130 | 3800 |
| TAMD31B | 1989 | 1993 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| TAMD31D | 1993 | 1994 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| TAMD31L | 1994 | 2003 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 130 | 3800 |
| TAMD31L-A | 1994 | 1998 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | 3800 |
| TAMD31M | 1995 | 2001 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 110 | 3250 |
| TAMD31M-A | 1994 | 2003 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| TAMD31P-A | 1994 | 2004 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 150 | 3900 |
| TAMD31S | 2002 | 2003 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 100 | 3000 |
| TAMD31X | 1993 | 1993 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| TAMD40A | 1980 | 1985 | 4 | 6 | 92,00 | 90 | 3,59 | 21 | 110-148 | 3000-3600 |
| TAMD40B | 1983 | 1986 | 4 | 6 | 92,00 | 90 | 3,59 | 21 | 165 | 6000 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (* | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|--------------|-----------|
| TAMD41A | 1986 | 1989 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 200 | 3800 |
| TAMD41B | 1989 | 1993 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| TAMD41D | 1993 | 1994 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| TAMD41H | 1998 | | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 145 | 2500 |
| TAMD41H-A | 1994 | 1998 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| TAMD41H-B | 1999 | 1999 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | 2600 |
| TAMD41L | 1994 | 2000 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| TAMD41M-A | 1994 | 2004 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 170 | 3250 |
| TAMD41P | 1998 | | 4 | 6 | 92,00 | 90 | 3,60 | 17,5 | 200 | 3800 |
| TAMD41P-A | 1994 | 2005 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| TAMD42A | 1992 | 1993 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| TAMD42B | 1993 | 1996 | 4 | 6 | 92,00 | 90 | 3,59 | 17,8 | | |
| TAMD42P-A | 1994 | 1996 | 4 | 6 | 92,00 | 90 | 3,59 | 17,8 | | |
| TAMD42WJ | 1995 | 2003 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 230 | |
| TAMD60A | 1976 | 1978 | 4 | 6 | 98,43 | 120 | 5,48 | 16 | 121-200 | 1800-2800 |
| TAMD60B | 1978 | 1983 | 4 | 6 | 98,43 | 120 | 5,48 | 16 | 140-230 | 1800-2800 |
| TAMD60C | 1983 | 1987 | 4 | 6 | 98,43 | 120 | 5,48 | 16 | 152-250 | 1600-2800 |
| TAMD61A | 1986 | 1995 | 4 | 6 | 98,43 | 120 | 5,48 | 15 | 306 | 2800 |
| TAMD62A | 1992 | 1994 | 4 | 6 | 98,43 | 120 | 5,48 | 15 | | |
| TAMD63L-A | 1994 | 2005 | 4 | 6 | 98,40 | 120 | 5,50 | 16,7 | 235-310 | 2500-2800 |
| TAMD63P-A | 1994 | 2005 | 4 | 6 | 98,40 | 120 | 5,50 | 16,7 | 360 | 2800 |
| TAMD70B | 1970 | 1975 | 4 | 6 | 104,77 | 130 | 6,73 | 14,5 | 155-250 | 1800-2500 |
| TAMD70C | 1974 | 1978 | 4 | 6 | 104,77 | 130 | 6,73 | 14,5 | 184-280 | 1800-2500 |
| TAMD70D | 1978 | 1983 | 4 | 6 | 104,77 | 130 | 6,73 | 14,5 | 177-280 | 1800-2500 |
| TAMD70E | 1983 | 1987 | 4 | 6 | 104,77 | 130 | 6,73 | 15 | 209-300 | 1600-2500 |
| TAMD71A | 1986 | 1994 | 4 | 6 | 104,77 | 130 | 6,73 | 14 | 357 | 2500 |
| TAMD71B | 1989 | 2000 | 4 | 6 | 104,77 | 130 | 6,73 | 14 | 218-350 | 2000-2800 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| TAMD72A | 1991 | 1995 | 4 | 6 | 104,77 | 130 | 6,73 | 14 | | |
| TAMD72P-A | 1995 | 1997 | 4 | 6 | 104,77 | 130 | 6,73 | 14 | 430 | 2600 |
| TAMD72WJ-A | 1993 | 1997 | 4 | 6 | 104,77 | 130 | 6,73 | 14 | 450 | 2600 |
| TAMD73P-A | 1997 | 1998 | 4 | 6 | 104,77 | 130 | 6,73 | 15,7 | 350 | 2500 |
| TAMD73WJ-A | 1997 | 1999 | 4 | 6 | 104,77 | 130 | 6,73 | 15,7 | 450 | 2600 |
| TAMD74A | 2000 | | 4 | 6 | 107,00 | 135 | 7,30 | 17 | 250-350 | 2100-2200 |
| TAMD74A-A | 2000 | | 4 | 6 | 107,00 | 135 | 7,30 | 17 | | 2600 |
| TAMD74A-B | 2000 | | 4 | 6 | 107,00 | 135 | 7,30 | 17 | | |
| TAMD74C-A | 2000 | 2001 | 4 | 6 | 107,00 | 135 | 7,30 | 17 | 430-450 | 2500-2600 |
| TAMD74C-B | 2001 | | 4 | 6 | 107,00 | 135 | 7,30 | 17 | | |
| TAMD74L-A | 1999 | 2001 | 4 | 6 | 107,00 | 135 | 7,30 | 17 | | 2500 |
| TAMD74L-B | 2000 | 2005 | 4 | 6 | 107,00 | 135 | 7,30 | 17 | 430 | 2500 |
| TAMD74P-A | 1998 | 2005 | 4 | 6 | 107,00 | 135 | 7,30 | 17 | 480 | 2600 |
| TAMD74P-B | 1999 | 2002 | 4 | 6 | 107,00 | 135 | 7,30 | 17 | | |
| TAMD75P-A | 1998 | 2005 | 4 | 6 | 107,00 | 135 | 7,30 | 17 | 480 | 2600 |
| THAMD70B | 1972 | 1975 | 4 | 6 | 104,77 | 130 | 6,73 | 14,5 | 155-250 | 1800-2300 |
| THAMD70C | 1974 | 1979 | 4 | 6 | 104,77 | 130 | 6,73 | 14,5 | 184-280 | 1800-2500 |
| TIMD96A | 1958 | 1959 | 4 | 6 | 120,65 | 140 | 9,60 | 17 | 155-185 | 1500-1800 |
| TIMD96B | 1958 | 1961 | 4 | 6 | 120,65 | 140 | 9,60 | 17 | 155-185 | 1500-1800 |
| TMD100A | 1965 | 1983 | 4 | 6 | 120,65 | 140 | 9,60 | 15 | 203-232 | 1800-2000 |
| TMD100C | 1983 | 1988 | 4 | 6 | 120,65 | 140 | 9,60 | 14,3 | 196-272 | 1200-2000 |
| TMD102A | 1988 | 2000 | 4 | 6 | 120,65 | 140 | 9,60 | 14,3 | 141-272 | 1000-2000 |
| TMD120A | 1970 | 1982 | 4 | 6 | 130,18 | 150 | 11,98 | 15 | 271-230 | 1800-2200 |
| TMD120B | 1982 | 1983 | 4 | 6 | 130,20 | 150 | 11,98 | 15 | 326 | 2000 |
| TMD121C | 1983 | 1988 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | 223-340 | 1200-2000 |
| TMD122A | 1988 | 2000 | 4 | 6 | 130,20 | 150 | 11,98 | 14,2 | 300-320 | 1800 |
| TMD162C | 1996 | 1997 | 4 | 6 | 144,00 | 165 | 16,12 | 15 | | |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume dm ³ | Compr. for | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-------------------------------|------------|---------------|-----------|
| TMD22A | 1993 | 1995 | 4 | 4 | 84,50 | 90 | 2,00 | 18 | 78 | 4500 |
| TMD22B | 1994 | 2000 | 4 | 4 | 84,50 | 90 | 2,00 | 18 | 78 | 4500 |
| TMD22P-C | 1997 | 2002 | 4 | 4 | 84,50 | 90 | 2,00 | 18 | | |
| TMD30A | 1983 | 1986 | 4 | 4 | 92,00 | 90 | 2,39 | 21 | 90 | 3800 |
| TMD31A | 1986 | 1989 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 100 | 3800 |
| TMD31B | 1989 | 1993 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| TMD31D | 1993 | 1994 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| TMD31L-A | 1994 | 1997 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 100 | 3800 |
| TMD40A | 1976 | 1985 | 4 | 6 | 92,00 | 90 | 3,59 | 21 | 91-124 | 3000-3600 |
| TMD40B | 1982 | 1986 | 4 | 6 | 92,00 | 90 | 3,59 | 21 | 136 | 3600 |
| TMD40C | 1983 | 1986 | 4 | 6 | 92,00 | 90 | 3,59 | 21 | 136 | 3600 |
| TMD41A | 1986 | 1988 | 4 | 6 | 92,00 | 90 | 3,59 | 16 | 150 | 3800 |
| TMD41B | 1989 | 1993 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| TMD41D | 1993 | 1994 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| TMD41L-A | 1994 | 1997 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 150 | 3800 |
| TMD47B | 1961 | 1965 | 4 | 6 | 95,25 | 110 | 4,70 | 17 | 90-115 | 1800-2500 |
| TMD50A | 1965 | 1970 | 4 | 6 | 95,25 | 120 | 5,13 | 14.5 | 93-118 | 1800-2500 |
| TMD70A | 1966 | 1969 | 4 | 6 | 104,77 | 130 | 6,73 | 16 | 170 | 2400 |
| TMD70AB | 1969 | 1970 | 4 | 6 | 104,77 | 130 | 6,73 | 16 | 157-200 | 2000-2500 |
| TMD70B | 1972 | 1978 | 4 | 6 | 104,77 | 130 | 6,73 | 16 | 162-200 | 2000-2500 |
| TMD70C | 1978 | 1985 | 4 | 6 | 104,77 | 130 | 6,73 | 16 | 150-200 | 1800-2500 |
| TMD96A | 1956 | 1959 | 4 | 6 | 120,65 | 140 | 9,60 | 17 | 138-160 | 1500-1800 |
| TMD96B | 1958 | 1962 | 4 | 6 | 120,60 | 140 | 9,60 | 17 | 138-169 | 1500-1800 |
| TMD96B1 | 1961 | 1965 | 4 | 6 | 120,65 | 140 | 9,60 | 17 | 170-200 | 1500-1800 |
| VDB6 | 1949 | 1954 | 4 | 6 | 115,10 | 140 | 8,73 | 19 | 86 | 2200 |
| VDC6 | 1952 | 1957 | 4 | 6 | 120,65 | 130 | 6,13 | 17 | 132 | 2400 |
| VDF6 | 1952 | 1953 | 4 | 6 | | 140 | 9,60 | 16 | 132 | 2200 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

Aquamatic diesel engines

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp [*] | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|------------------------|-----------|
| AD31A | 1986 | 1989 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 130 | 3800 |
| AD31B | 1989 | 1993 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| AD31D | 1993 | 1994 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| AD31D-A | 1994 | 1994 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| AD31L | 1996 | 2004 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 130 | 3800 |
| AD31L-A | 1994 | 2004 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 130 | 3900 |
| AD31P | 1996 | 2004 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 150 | 4000 |
| AD31P-A | 1994 | 2004 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 150 | 4000 |
| AD31X | 1993 | 1994 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | | |
| AD41A | 1988 | 1989 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 200 | 3800 |
| AD41B | 1989 | 1993 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| AD41D | 1993 | 1994 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | | |
| AD41L-A | 1994 | 1998 | 4 | 6 | 92,00 | 90 | 3,60 | 17,5 | 165 | 3600 |
| AD41P-A | 1994 | 2005 | 4 | 6 | 92,00 | 90 | 3,60 | 17,5 | 200 | 3900 |
| AQAD30A | 1983 | 1986 | 4 | 4 | 92,00 | 90 | 2,39 | 21 | 110 | 3800 |
| AQAD31A | 1986 | 1989 | 4 | 4 | 92,00 | 90 | 2,39 | 16 | 130 | 3800 |
| AQAD40A | 1980 | 1985 | 4 | 6 | 92,00 | 90 | 3,59 | 21 | 110-148 | 3000-3600 |
| AQAD40B | 1982 | 1986 | 4 | 6 | 92,00 | 90 | 3,59 | 21 | 165 | 3600 |
| AQAD41A | 1986 | 1989 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 200 | 3800 |
| AQAD41B | 1991 | 1993 | 4 | 6 | 92,00 | 90 | 3,59 | | | |
| AQAD41D | 1993 | 1994 | 4 | 6 | 92,00 | 90 | 3,59 | | | |
| AQD19 | 1964 | 1968 | 4 | 4 | 88,00 | 80 | 1,95 | 22,1 | 68 | 4500 |
| AQD21A | 1969 | 1979 | 4 | 4 | 90,00 | 83 | 2,11 | 22,1 | 75 | 4500 |
| AQD21B | 1979 | 1981 | 4 | 4 | 90,00 | 83 | 2,11 | 22,1 | 75 | 4500 |
| AQD27 | 1963 | 1966 | 4 | 6 | 85,00 | 80 | 2,72 | 21 | 83 | 4000 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| AQD29 | 1967 | 1968 | 4 | 6 | 88,00 | 80 | 2,92 | 21 | 92 | 4000 |
| AQD29A | 1968 | 1969 | 4 | 6 | 88,00 | 80 | 2,92 | 21 | 92 | 4000 |
| AQD2B | 1972 | 1975 | 4 | 2 | 88,90 | 90 | 1,12 | | 25 | 2500 |
| AQD32A | 1969 | 1977 | 4 | 6 | 90,00 | 83 | 3,17 | 22,1 | 106 | 4000 |
| AQD40A | 1977 | 1985 | 4 | 6 | 92,00 | 90 | 3,59 | 21 | 91-124 | 3000-3600 |
| AQD40B | 1982 | 1985 | 4 | 6 | 92,00 | 90 | 3,59 | | | |
| AQD41A | 1986 | 1989 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 150 | 3800 |
| AQD70 | 1972 | 1975 | 4 | 6 | 104,77 | 130 | 6,73 | 14,5 | 185-250 | 2200-2500 |
| AQD70BL | 1972 | 1975 | 4 | 6 | 104,77 | 130 | 6,73 | 14,5 | 185-250 | 2200-2500 |
| AQD70C | 1974 | 1978 | 4 | 6 | 104,77 | 130 | 6,73 | 14,5 | 215-280 | 2200-2500 |
| AQD70CL | 1974 | 1979 | 4 | 6 | 104,77 | 130 | 6,73 | 14,5 | 215-280 | 2200-2500 |
| AQD70D | 1978 | 1981 | 4 | 6 | 104,77 | 130 | 6,73 | 15 | 215-280 | 2200-2500 |
| D41A | 1988 | 1989 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 150 | 3800 |
| D41B | 1989 | 1993 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 150 | 3800 |
| D41D | 1993 | 1994 | 4 | 6 | 92,00 | 90 | 3,59 | 17,5 | 150 | 3800 |
| D41L-A | 1994 | 1998 | 4 | 6 | 92,00 | 90 | 3,60 | 17,5 | 150 | 3900 |
| KAD300-A | 2001 | | 4 | 6 | 92,00 | 90 | 3,60 | 17 | 285 | 3800 |
| KAD32P | 1996 | 2005 | 4 | 4 | 92,00 | 90 | 2,40 | 17,5 | 170 | 3800 |
| KAD42A | 1991 | 1993 | 4 | 6 | 92,00 | 90 | 3,59 | 17,8 | | 3900 |
| KAD42B | 1993 | 2001 | 4 | 6 | 92,00 | 90 | 3,59 | 17,8 | | 3900 |
| KAD42P-A | 1993 | 1994 | 4 | 6 | 92,00 | 90 | 3,60 | 17,8 | 230 | 3900 |
| KAD43P | 1997 | 2004 | 4 | 6 | 92,00 | 90 | 3,60 | 17,5 | 230 | 3900 |
| KAD43P-A | 1997 | 2005 | 4 | 6 | 92,00 | 90 | 3,60 | 17,5 | 230 | 3700-3900 |
| KAD44P | 1997 | 1999 | 4 | 6 | 92,00 | 90 | 3,60 | 16,9 | 260 | 3700-3900 |
| KAD44P-B | 1998 | 2000 | 4 | 6 | 92,00 | 90 | 3,60 | 16,9 | 260 | 3700-3900 |
| KAD44P-C | 2000 | 2004 | 4 | 6 | 92,00 | 90 | 3,60 | 16,9 | 260 | 3700-3900 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

Aquamatic gasoline engines

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|---------|
| 230A | 1989 | 1992 | 4 | 4 | 96,00 | 80 | 2,31 | | 120 | 5000 |
| 230B | 1992 | 1993 | 4 | 4 | 96,00 | 80 | 2,31 | | 120 | 5000 |
| 250A | 1989 | 1992 | 4 | 4 | 96,00 | 86 | 2,49 | 9,7 | 146 | 5500 |
| 250B | 1992 | 1993 | 4 | 4 | 96,00 | 86 | 2,49 | 9,7 | 146 | 5500 |
| 251A DOHC | 1989 | 1992 | 4 | 4 | 96,00 | 86 | 2,49 | 9,7 | 167 | 5700 |
| 3.0GL | 1993 | 1999 | 4 | 4 | 101,60 | 91,4 | 2,96 | 9,3 | 135 | 4600 |
| 3.0GLM-A | 2002 | 2002 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GLM-B | 2003 | 2003 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GLM-C | 2003 | 2004 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GLP-A | 2002 | 2002 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GLP-B | 2002 | 2003 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GLP-C | 2003 | 2005 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GS | 1993 | 2000 | 4 | 4 | 101,60 | 91,4 | 3,00 | 9,3 | 150 | 4400 |
| 3.0GSM-A | 1999 | 2001 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GSM-B | 2001 | 2001 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GSM-C | 2001 | 2002 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GSP-A | 1997 | 2001 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GSP-B | 1999 | 2001 | 4 | 4 | 101,60 | 91,4 | | | | |
| 3.0GSP-C | 2001 | 2002 | 4 | 4 | 101,60 | 91,4 | | | | |
| 4.3Gi | 1994 | 2001 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | 225 | 4600 |
| 4.3GL | 1993 | 2001 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | 205 | 4600 |
| 4.3GL-A | 2001 | 2002 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |
| 4.3GL-B | 2001 | 2002 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |
| 4.3GL-C | 2002 | 2004 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |
| 4.3GL-D | 2002 | 2003 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-------------------------------|--------|---------------|---------|
| 4.3GS | 1993 | 1999 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | 225 | 4600 |
| 4.3GXi-A | 2000 | 2001 | 4 | V6 | 101,60 | 88,4 | 4,30 | | 225 | 4800 |
| 4.3GXi-B | 2001 | 2002 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3GXi-BF | 2001 | 2002 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3GXi-C | 2002 | 2002 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3GXi-CF | 2002 | 2002 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3GXi-D | 2002 | 2003 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3GXi-DF | 2003 | 2003 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3GXi-EF | 2003 | 2005 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3OSi-B | 2001 | 2002 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3OSi-C | 2002 | 2002 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3OSi-CF | 2002 | 2003 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3OSi-D | 2003 | 2003 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3OSi-E | 2003 | 2005 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 4.3OSi-EF | 2004 | 2004 | 4 | V6 | 101,60 | 88,4 | 4,30 | | | |
| 430A | 1990 | 1991 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | 205 | 4600 |
| 430B | 1991 | 1992 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | 205 | 4800 |
| 431A | 1989 | 1991 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |
| 431B | 1991 | 1992 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |
| 432A | 1992 | 1993 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |
| 432B | 1995 | 1998 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |
| 434A | 1992 | 1993 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |
| 434B | 1996 | 1997 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | | |
| 5.0Fi | 1993 | 1999 | 4 | V8 | 101,60 | 76,2 | 4,95 | 8,5 | 235 | 4600 |
| 5.0FL | 1993 | 1996 | 4 | V8 | 101,60 | 76,2 | 4,95 | 8,4 | 205 | 4600 |
| 5.0GL-A | 2001 | 2001 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,4 | 220 | 4800 |
| 5.0GL-B | 2001 | 2002 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,4 | 220 | 4800 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|---------|
| 5.0GL-C | 2002 | 2003 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,4 | 270 | 4800 |
| 5.0GL-D | 2002 | 2003 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,4 | 270 | 4800 |
| 5.0GXi-A | 2001 | 2002 | 4 | V8 | 101,60 | 88 | 5,00 | 9,4 | 270 | 5000 |
| 5.0GXi-B | 2001 | 2003 | 4 | V8 | 101,60 | 88 | 5,00 | 9,4 | 270 | 5000 |
| 5.0GXi-BF | 2001 | 2002 | 4 | V8 | 101,60 | 88 | 5,00 | 9,4 | 270 | 5000 |
| 5.0GXi-C | 2002 | 2003 | 4 | V8 | 101,60 | 88 | 5,00 | 9,4 | 270 | 5000 |
| 5.0GXi-CF | 2002 | 2002 | 4 | V8 | 101,60 | 88 | 5,00 | 9,4 | 270 | 5000 |
| 5.0GXi-D | 2002 | 2003 | 4 | V8 | 101,60 | 88 | 5,00 | 9,4 | 270 | 5000 |
| 5.0GXi-DF | 2003 | 2003 | 4 | V8 | 101,60 | 88 | 5,00 | 9,4 | 270 | 5000 |
| 5.0GXi-E | 2003 | | 4 | V8 | 101,60 | 88 | 5,00 | 9,4 | 270 | 5000 |
| 5.0GXi-EF | 2003 | | 4 | V8 | 101,60 | 88 | 5,00 | 9,4 | 270 | 5000 |
| 5.0OSi-B | 2001 | 2002 | 4 | V8 | 101,60 | 88 | | | | |
| 5.0OSi-C | 2002 | 2002 | 4 | V8 | 101,60 | 80 | | | | |
| 5.0OSi-CF | 2002 | 2002 | 4 | V8 | 101,60 | 80 | | | | |
| 5.0OSi-D | 2003 | 2003 | 4 | V8 | 101,60 | 80 | | | | |
| 5.0OSi-DF | 2003 | 2003 | 4 | V8 | 101,60 | 80 | | | | |
| 5.0OSi-E | 2003 | 2005 | 4 | V8 | 101,60 | 80 | | | | |
| 5.0OSi-EF | 2003 | 2005 | 4 | V8 | 101,60 | 80 | | | | |
| 5.7Gi | 1993 | 1997 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 270 | 4400 |
| 5.7Gi-A | 2000 | 2001 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,3 | 270 | 4400 |
| 5.7Gi-B | 2000 | 2003 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,3 | | 4400 |
| 5.7Gi-BF | 2001 | 2003 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,3 | | 4400 |
| 5.7Gi-C | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,3 | | 4400 |
| 5.7Gi-CF | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,3 | | 4400 |
| 5.7Gi-D | 2002 | 2003 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,3 | | 4400 |
| 5.7Gi-DF | 2003 | 2003 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,3 | | 4400 |
| 5.7Gi-E | 2003 | 2005 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,3 | | 4400 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume dm ³ | Compr. for | Output hp (* | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-------------------------------|------------|--------------|---------|
| 5.7Gi-EF | 2003 | 2005 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,3 | | 4400 |
| 5.7GII-A | 2001 | 2001 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7GII-B | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7GII-C | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7GII-D | 2002 | 2003 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7GII-E | 2003 | 2005 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7GL | 1993 | 1997 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 235 | 4400 |
| 5.7GL-A | 2001 | 2001 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 260 | 4800 |
| 5.7GL-B | 2001 | 2002 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 260 | 4800 |
| 5.7GL-C | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 260 | 4800 |
| 5.7GL-D | 2003 | 2003 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 260 | 4800 |
| 5.7GL-E | 2003 | 2004 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 260 | 4800 |
| 5.7GLi | 1996 | 1997 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | | |
| 5.7GS | 1996 | 2001 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 270 | 4400 |
| 5.7GSI | 1996 | 1996 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | | |
| 5.7GSi | 1996 | 2001 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 310 | 4800 |
| 5.7GSic | 1996 | 1997 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | | |
| 5.7GXi | 2003 | 2003 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |
| 5.7GXi-A | 2000 | 2001 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |
| 5.7GXi-B | 2001 | 2002 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |
| 5.7GXi-C | 2001 | 2003 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |
| 5.7GXi-CF | 2001 | 2002 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |
| 5.7GXi-D | 2001 | 2002 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |
| 5.7GXi-DF | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |
| 5.7GXi-E | 2002 | 2003 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |
| 5.7GXi-EF | 2002 | 2003 | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |
| 5.7GXi-F | 2003 | | 4 | V8 | 101,60 | 88,4 | 5,70 | 9,4 | 320 | 5000 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp ^(*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|--------------------------|---------|
| 5.7GXi-FF | 2003 | | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7GXII-B | 2001 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7GXII-C | 2001 | 2003 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7GXII-D | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSi-A | 2001 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSi-AF | 2001 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSi-B | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSi-BF | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSi-C | 2003 | 2003 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSi-CF | 2003 | 2003 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSi-D | 2003 | | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSi-DF | 2003 | | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSXi-A | 2001 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSXi-AF | 2001 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSXi-B | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSXi-BF | 2002 | 2002 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSXi-C | 2003 | 2003 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSXi-CF | 2003 | 2003 | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSXi-D | 2003 | | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.7OSXi-DF | 2003 | | 4 | V8 | 101,60 | 88,4 | | | | |
| 5.8Fi | 1993 | 1996 | 4 | V8 | 101,60 | 88,9 | 5,75 | 8,5 | 275 | 4600 |
| 5.8FL | 1993 | 1996 | 4 | V8 | 101,60 | 88,9 | 5,75 | 8,4 | 250 | 4400 |
| 5.8FSi | 1994 | 1996 | 4 | V8 | 101,60 | 88,9 | 5,75 | 8,8 | | |
| 500A | 1989 | 1990 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,3 | 210 | 4400 |
| 500B | 1990 | 1993 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,3 | | |
| 501A | 1989 | 1991 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,3 | 229 | 4600 |
| 501B | 1991 | 1993 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,3 | 229 | 4600 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume dm ³ | Compr. | Output hp (*) | RPM rpm |
|---------------|---------------------|----------------------|-----------|------|--------------|------------------|-------------------------------|--------|---------------|---------|
| 502A | 1994 | 1996 | 4 | V8 | | | | | | |
| 570A | 1989 | 1993 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 275 | 4600 |
| 571A | 1989 | 1992 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 307 | 5200 |
| 572A | 1991 | 1993 | 4 | V8 | | | | | | |
| 572B | 1996 | 1998 | 4 | V8 | | | | | | |
| 574B | 1996 | 1996 | 4 | V8 | | | | | | |
| 7.4Gi | 1994 | 2000 | 4 | V8 | | | 7,40 | | 360 | 4400 |
| 7.4GL IHUB | 1994 | 1995 | 4 | V8 | | | 7,40 | | | |
| 7.4GL PHUS | 1994 | 1995 | 4 | V8 | | | 7,40 | | | |
| 7.4GL PLKD | 1996 | 1997 | 4 | V8 | | | 7,40 | | | |
| 7.4GL PLKE | 1996 | 1997 | 4 | V8 | | | 7,40 | | | |
| 7.4GL PMDM | 1993 | 1994 | 4 | V8 | | | 7,40 | | | |
| 7.4GL PNCA | 1995 | 1995 | 4 | V8 | | | 7,40 | | | |
| 7.4GL PNCS | 1995 | 1996 | 4 | V8 | | | 7,40 | | | |
| 7.4GSi | 1994 | 2000 | 4 | V8 | 107,95 | 101,6 | 7,40 | 8,4 | 405 | 4600 |
| 7.4GSi PBYCCE | 1997 | 1999 | 4 | V8 | 107,95 | 101,6 | 7,40 | 8,4 | | |
| 7.4GSi PEFS | 1998 | 2000 | 4 | V8 | 107,95 | 101,6 | 7,40 | 8,4 | | |
| 7.4GSi PWTR | 1998 | 1999 | 4 | V8 | 107,95 | 101,6 | 7,40 | 8,4 | | |
| 7.4GSi XHUS | 1994 | 1995 | 4 | V8 | 107,95 | 101,6 | 7,40 | 8,4 | | |
| 7.4GSi XNCB | 1995 | 1996 | 4 | V8 | | | | | | |
| 740A | 1989 | 1992 | 4 | V8 | | | 7,40 | | 330 | 4400 |
| 740B | 1992 | 1993 | 4 | V8 | | | 7,40 | | 330 | 4400 |
| 8.1Gi-A | 1999 | 2001 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1Gi-B | 1999 | 2002 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1Gi-BF | 1999 | 2002 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1Gi-C | 2002 | 2002 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1Gi-CF | 2002 | 2002 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|---------|
| 8.1Gi-D | 2002 | 2003 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1Gi-DF | 2002 | 2003 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1Gi-E | 2003 | 2004 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1Gi-EF | 2003 | 2004 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1Gi-F | 2004 | 2005 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1Gi-FF | 2004 | 2005 | 4 | V8 | 108,00 | 111 | 8,10 | | 375 | 4600 |
| 8.1GII-B | 2001 | 2002 | 4 | V8 | | | | | | |
| 8.1GII-C | 2002 | 2002 | 4 | V8 | | | | | | |
| 8.1GII-D | 2002 | 2003 | 4 | V8 | | | | | | |
| 8.1GII-E | 2003 | 2004 | 4 | V8 | | | | | | |
| 8.1GSi-A | 2000 | 2001 | 4 | V8 | | | | | | |
| 8.1GXi-AF | 2001 | 2002 | 4 | V8 | 108,00 | 111 | 8,10 | | 420 | 5000 |
| 8.1GXi-B | 2002 | 2002 | 4 | V8 | 108,00 | 111 | 8,10 | | 420 | 5000 |
| 8.1GXi-BF | 2002 | 2002 | 4 | V8 | 108,00 | 111 | 8,10 | | 420 | 5000 |
| 8.1GXi-C | 2003 | 2003 | 4 | V8 | 108,00 | 111 | 8,10 | | 420 | 5000 |
| 8.1GXi-CF | 2003 | 2003 | 4 | V8 | 108,00 | 111 | 8,10 | | 420 | 5000 |
| 8.1GXi-D | 2003 | 2004 | 4 | V8 | 108,00 | 111 | 8,10 | | 420 | 5000 |
| 8.1GXi-DF | 2003 | 2004 | 4 | V8 | 108,00 | 111 | 8,10 | | 420 | 5000 |
| 8.1GXi-E | 2004 | 2005 | 4 | V8 | 108,00 | 111 | 8,10 | | 420 | 5000 |
| 8.1GXi-EF | 2004 | 2005 | 4 | V8 | 108,00 | 111 | 8,10 | | 420 | 5000 |
| 8.1GXII-A | 2001 | 2002 | 4 | V8 | | | | | | |
| 8.1GXII-B | 2002 | 2002 | 4 | V8 | | | | | | |
| 8.1GXII-C | 2002 | 2003 | 4 | V8 | | | | | | |
| 8.1GXII-D | 2003 | 2004 | 4 | V8 | | | | | | |
| 8.1OSi-A | 2003 | 2004 | 4 | V8 | | | | | | |
| 8.1OSi-AF | 2003 | 2004 | 4 | V8 | | | | | | |
| 8.1OSi-B | 2004 | 2005 | 4 | V8 | | | | | | |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|---------|
| 8.1OSi-BF | 2004 | 2005 | 4 | V8 | | | | | | |
| 8.2GL | 1993 | 1994 | 4 | V8 | | | | | | |
| 8.2GSi | 1995 | 2000 | 4 | V8 | | | | 8,2 | 435 | 5000 |
| 820A | 1992 | 1993 | 4 | V8 | | | | | | |
| AQ100 | 1961 | 1963 | 4 | 4 | 84,14 | 80 | 1,78 | 9,5 | 100 | |
| AQ105A | 1968 | 1969 | 4 | 4 | 88,90 | 80 | 1,99 | 9,5 | 105 | 5100 |
| AQ110 | 1963 | 1966 | 4 | 4 | 84,14 | 80 | 1,78 | 10,0 | 110 | |
| AQ115A | 1969 | 1970 | 4 | 4 | 88,90 | 80 | 1,99 | 9,5 | 115 | 5100 |
| AQ115B | 1970 | 1975 | 4 | 4 | 88,90 | 80 | 1,99 | 9,5 | 115 | 5100 |
| AQ115C | 1975 | 1977 | 4 | 4 | 88,90 | 80 | 1,99 | 9,5 | 115 | 5100 |
| AQ120 | 1966 | 1968 | 4 | 4 | 84,14 | 80 | 1,78 | 9,7 | 120 | 5000 |
| AQ120B | 1977 | 1980 | 4 | 4 | 92,00 | 80 | 2,13 | 9,3 | 110 | 5000 |
| AQ125 | 1981 | 1983 | 4 | 4 | 92,00 | 80 | 2,13 | | 120 | 5000 |
| AQ125A | 1983 | 1984 | 4 | 4 | 92,00 | 80 | 2,13 | | 117 | |
| AQ125B | 1984 | 1985 | 4 | 4 | 92,00 | 80 | 2,13 | | | |
| AQ130A | 1968 | 1970 | 4 | 4 | 88,90 | 80 | 1,99 | 9,5 | 130 | 5100 |
| AQ130B | 1968 | 1970 | 4 | 4 | 88,90 | 80 | 1,99 | 8,4 | 115 | 5100 |
| AQ130C | 1969 | 1975 | 4 | 4 | 88,90 | 80 | 1,99 | 9,5 | 130 | 5100 |
| AQ130D | 1975 | 1977 | 4 | 4 | 88,90 | 80 | 1,99 | | 110 | 5500 |
| AQ131A | 1985 | 1987 | 4 | 4 | 96,00 | 80 | 2,31 | | 120 | 4800 |
| AQ131B | 1986 | 1987 | 4 | 4 | 96,00 | 80 | 2,31 | | 120 | 4800 |
| AQ131C | 1987 | 1989 | 4 | 4 | 96,00 | 80 | 2,31 | | 120 | 4800 |
| AQ131D | 1987 | 1989 | 4 | 4 | 96,00 | 80 | 2,31 | | 120 | 4800 |
| AQ135 | 1964 | 1968 | 4 | 4 | | | | 10,8 | 135 | |
| AQ140A | 1975 | 1979 | 4 | 4 | 92,00 | 80 | 2,31 | 9,3 | 125 | 5500 |
| AQ145A | 1979 | 1985 | 4 | 4 | 96,00 | 80 | 2,31 | 9,7 | 138 | 5500 |
| AQ145B | 1984 | 1985 | 4 | 4 | | | | | | |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|---------|
| AQ150 | 1965 | 1965 | 4 | V6 | 95,25 | 86,36 | 3,70 | 9,0 | 150 | 4200 |
| AQ150A | 1965 | 1966 | 4 | V6 | 95,25 | 86,36 | 3,70 | 9,0 | 150 | 4200 |
| AQ150B | 1966 | 1969 | 4 | V6 | 95,25 | 86,36 | 3,70 | 9,0 | 150 | 4200 |
| AQ151A | 1985 | 1986 | 4 | 4 | 96,00 | 86 | 2,49 | 9,7 | 146 | 5100 |
| AQ151B | 1985 | 1987 | 4 | 4 | 96,00 | 86 | 2,49 | 9,7 | 146 | 5500 |
| AQ151C | 1987 | 1989 | 4 | 4 | 96,00 | 86 | 2,49 | 9,7 | 146 | 5500 |
| AQ155A | 1969 | 1977 | 4 | 4 | | | | 11,2 | 146-160 | 6000 |
| AQ165A | 1968 | 1969 | 4 | 6 | 88,90 | 80 | 2,98 | 9,2 | 165 | 5000 |
| AQ170A | 1969 | 1972 | 4 | 6 | 88,90 | 80 | 2,98 | 9,5 | 170 | 5000 |
| AQ170B | 1972 | 1973 | 4 | 6 | 88,90 | 80 | 2,98 | | 170 | 5000 |
| AQ170C | 1973 | 1978 | 4 | 6 | 88,90 | 80 | 2,98 | 9,0 | 160 | 5000 |
| AQ170D | 1978 | 1980 | 4 | 4 | 96,00 | 86 | | | | |
| AQ171A | 1986 | 1987 | 4 | 4 | 96,00 | 86 | 2,49 | 9,7 | 167 | 5700 |
| AQ171C | 1987 | 1989 | 4 | 4 | | | 2,49 | 9,7 | 167 | 5700 |
| AQ175A | 1981 | 1985 | 4 | V6 | | | 3,80 | | 170 | 4800 |
| AQ180 | 1963 | 1964 | 4 | V8 | 84,14 | 80 | 3,60 | 9,5 | 180 | |
| AQ190A | 1976 | 1977 | 4 | V8 | 101,60 | 76,2 | 4,95 | 7,9 | 182 | 4200 |
| AQ200A | 1969 | 1974 | 4 | V8 | 97,43 | 82,55 | 5,05 | 8,0 | 200 | 4400 |
| AQ200B | 1974 | 1976 | 4 | V8 | 97,43 | 82,55 | 5,05 | 8,0 | 200 | 4400 |
| AQ200C | 1976 | 1977 | 4 | V8 | 95,00 | 88,4 | 5,00 | 8,4 | 200 | 4400 |
| AQ200D | 1977 | 1986 | 4 | V8 | 95,00 | 88,4 | 5,00 | 8,5 | 200 | 4400 |
| AQ200F | 1985 | 1986 | 4 | V8 | 95,00 | 88,4 | 5,00 | 8,5 | 200 | 4400 |
| AQ205A | 1988 | 1989 | 4 | V6 | 101,60 | 88,4 | 4,30 | 9,3 | 205 | 4600 |
| AQ210A | 1970 | 1972 | 4 | V8 | 98,43 | 82,55 | 5,05 | 8,0 | 210 | 4000 |
| AQ211A | 1986 | 1989 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,3 | 210 | 4400 |
| AQ225A | 1973 | 1974 | 4 | V8 | 97,43 | 82,55 | 5,05 | 8,25 | 225 | 4400 |
| AQ225B | 1974 | 1976 | 4 | V8 | 98,43 | 82,55 | 5,05 | 8,25 | 225 | 4400 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|---------|
| AQ225C | 1976 | 1977 | 4 | V8 | 95,00 | 88,4 | 5,00 | 8,4 | 225 | 4400 |
| AQ225D | 1977 | 1986 | 4 | V8 | 95,00 | 88,4 | 5,00 | 8,5 | 225 | 4400 |
| AQ225E | 1985 | 1986 | 4 | V8 | 95,00 | 88,4 | 5,00 | 8,5 | | |
| AQ225F | 1985 | 1986 | 4 | V8 | 95,00 | 88,4 | 5,00 | 8,5 | 225 | 4400 |
| AQ231A | 1986 | 1989 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,3 | 229 | 4600 |
| AQ231B | 1987 | 1989 | 4 | V8 | 95,00 | 88,4 | 5,00 | 9,3 | 229 | 4600 |
| AQ240A | 1976 | 1977 | 4 | V8 | 101,60 | 88,9 | 5,75 | 8,0 | 225 | 4400 |
| AQ255A | 1977 | 1978 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,0 | 255 | 4400 |
| AQ255B | 1978 | 1978 | 4 | V8 | 101,60 | 88,4 | 5,73 | 8,5 | 255 | 4400 |
| AQ260A | 1979 | 1985 | 4 | V8 | 101,60 | 88,4 | 5,73 | 8,5 | 260 | 4400 |
| AQ260B | 1985 | 1986 | 4 | V8 | 101,60 | 88,4 | 5,73 | | | |
| AQ271A | 1986 | 1986 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 270 | 4600 |
| AQ271B | 1986 | 1986 | 4 | V8 | 101,60 | 88,4 | 5,73 | | | |
| AQ271C | 1986 | 1989 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 275 | 4600 |
| AQ280A | 1978 | 1979 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,0 | 280 | 4400 |
| AQ290A | 1979 | 1985 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,0 | 290 | 5200 |
| AQ311A | 1986 | 1987 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 307 | 5200 |
| AQ311B | 1987 | 1989 | 4 | V8 | 101,60 | 88,4 | 5,73 | 9,3 | 307 | 5200 |
| AQ80 | 1958 | 1963 | 4 | 4 | 79,37 | 80 | 1,60 | 8,2 | 80 | |
| AQ80S | 1961 | 1963 | 4 | 4 | 79,37 | 80 | 1,60 | 8,2 | 88 | |
| AQ90 | 1962 | 1964 | 4 | 4 | 84,14 | 80 | 1,78 | 7,6 | 90 | |
| AQ95 | 1964 | 1966 | 4 | 4 | 84,14 | 80 | 1,78 | 10,0 | 95 | |
| AQ95A | 1966 | 1968 | 4 | 4 | 84,14 | 80 | 1,78 | 9,7 | 95 | |

Hesselman engines

| | | | | | | | | | | |
|-------|------|------|---|---|--------|-----|------|-----|-------|-----------|
| A4H | 1952 | | 4 | 4 | 104,78 | 130 | 4,48 | 6,2 | 48 | 1500 |
| FCH6 | | 1948 | 4 | 6 | 92,07 | 110 | 4,39 | 6,1 | 30-70 | 1000-2600 |
| FCH61 | 1948 | 1951 | 4 | 6 | 92,07 | 110 | 4,39 | 6,1 | 30-70 | 1000-2600 |

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| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (* | RPM rpm |
|-----------------------------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|-----------|--------------|-----------|
| HA6 | | 1936 | 4 | 6 | 88,90 | 110 | 4,10 | 6 | 26-42 | 1000-1800 |
| P42 | 1933 | 1934 | 4 | 4 | 115,00 | 144 | 5,98 | 6 | 35-50 | 1000-1500 |
| P43 | 1934 | 1937 | 4 | 4 | 115,00 | 144 | 5,98 | 6 | 45-55 | 1000-1500 |
| P62 | | 1935 | 4 | 6 | 115,00 | 144 | 8,97 | 6 | 50-75 | 1000-1500 |
| P63 | 1935 | 1941 | 4 | 6 | 115,00 | 144 | 8,97 | 6,2 | 65-100 | 1000-1800 |
| R6 | | 1947 | 4 | 6 | 127,00 | 144 | 10,94 | 6,3 | 85-140 | 1000-1800 |
| Aquamatic kerosene engines | | | | | | | | | | |
| AQ60F | 1962 | 1968 | 4 | 4 | 84.14 | 80 | 1,78 | 6 | 60 | |
| Inboard gasoline engines | | | | | | | | | | |
| A2 | | 1930 | 4 | 2 | 85,00 | 120 | 1,36 | | 7-10 | 800-1200 |
| A2 | 1930 | 1936 | 4 | 2 | 87,00 | 125 | 1,49 | 4,64 | 8-12 | 800-1200 |
| A4 | | 1930 | 4 | 4 | 85,00 | 120 | 2,72 | | 12-15 | 700-1500 |
| A4 | 1930 | 1936 | 4 | 4 | 87,00 | 125 | 2,97 | 4,64(5,3) | 16-24 | 800-1200 |
| A6 | | 1958 | 4 | 6 | 95,25 | 110 | 4,70 | 6,2 | 100 | 2500 |
| B1 | | 1917 | 4 | 1 | 94,00 | 110 | 0,76 | | 3,5 | 800 |
| B2 | | 1917 | 4 | 2 | 94,00 | 110 | 1,53 | | 7 | 800 |
| B4 | | 1920 | 4 | 4 | 94,00 | 110 | 3,05 | | 15 | 800 |
| BB4 | | 1951 | 4 | 4 | 75,00 | 80 | 1,42 | 6,2 | 16,35 | 1300-3200 |
| B16A | | 1964 | 4 | 4 | 79,37 | 80 | 1,60 | 7,4 | 50 | 3500 |
| B18B | | 1966 | 4 | 4 | 84,14 | 80 | 1,78 | 7,6 | 40-85 | 2000-4500 |
| B18C | | 1967 | 4 | 4 | 84,14 | 80 | 1,78 | 7,6 | 49 | 3000 |
| BB25(B4) | | 1957 | 4 | 4 | 79,37 | 80 | 1,58 | 7,4 | 32 | 2200 |
| BB25(B16) | 1957 | 1963 | 4 | 4 | 79,37 | 80 | 1,58 | 7,4 | 32 | 2200 |
| BB25X | | 1958 | 4 | 4 | 75,00 | 80 | 1,42 | 6,5 | 35 | 3200 |
| BB30B | 1963 | 1969 | 4 | 4 | 84,14 | 80 | 1,78 | 6,0 | 45 | 3000 |
| BB30F | | 1966 | 4 | 4 | 84,14 | 80 | 1,78 | | | |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|----------|---------------|-----------|
| BB41 | 1951 | 1957 | 4 | 4 | 75,00 | 80 | 1,42 | 6,5(7,3) | 40 | 3500 |
| BB43 | 1951 | 1957 | 4 | 4 | 75,00 | 80 | 1,42 | 7,3 | 40 | 3500 |
| BB50 | | 1956 | 4 | 4 | 75,00 | 80 | 1,42 | 7,7 | 50 | 3500 |
| BB70 | 1958 | 1962 | 4 | 4 | 79,37 | 80 | 1,60 | 8,2 | 65 | 4000 |
| BB1090 | 1963 | 1968 | 4 | 4 | 84,14 | 80 | 1,78 | 10,0 | 63-100 | 3000-5000 |
| BB100A | | 1969 | 4 | 4 | 84,14 | 80 | 1,78 | 9,7 | 100 | 5000 |
| BB115A | 1969 | 1970 | 4 | 4 | 88,90 | 80 | 1,99 | 8,4 | 115 | 5000 |
| BB115B | 1970 | 1975 | 4 | 4 | 88,90 | 80 | 1,99 | 8,4 | 115 | 5000 |
| BB115C | 1975 | 1977 | 4 | 4 | | | | | | |
| BB120 | 1978 | 1980 | 4 | 4 | 92,00 | 80 | 2,13 | 9,3 | 110 | 5000 |
| BB125 | 1981 | 1983 | 4 | 4 | | | | | | |
| BB125A | 1983 | 1984 | 4 | 4 | 92,00 | 80 | 2,13 | 9,3 | | 4800 |
| BB125B | 1984 | 1985 | 4 | 4 | | | | | | |
| BB140A | 1975 | 1979 | 4 | 4 | 92,00 | 80 | 2,13 | 9,3 | 125 | 5500 |
| BB145A | 1979 | 1985 | 4 | 4 | 96,00 | 80 | 2,31 | | 138 | 5500 |
| BB165A | | 1969 | 4 | 6 | 88,90 | 80 | 2,98 | 9,2 | 165 | 5000 |
| BB170A | 1969 | 1972 | 4 | 6 | 88,90 | 80 | 2,98 | 9,5 | 170 | 5000 |
| BB170B | 1972 | 1973 | 4 | 6 | 88,90 | 80 | 2,98 | 9,5 | 170 | 5000 |
| BB170C | 1973 | 1978 | 4 | 6 | | | | | | |
| BB231A | 1987 | 1987 | 4 | | | | | | | |
| BB260 | 1987 | 1987 | 4 | | | | | | | |
| BB260B | 1985 | 1986 | 4 | | | | | | | |
| BB260C | 1986 | 1987 | 4 | | | | | | | |
| BB261A | 1988 | 1989 | 4 | | | | | | | |
| BB740A | 1989 | 1992 | 4 | | | | | | | |
| C2 | 1952 | 1956 | 4 | 2 | 84,14 | 90 | 1,00 | 6,15 | 11 | 1500 |
| C4 | | 1931 | 4 | 4 | 110,00 | 130 | 4,94 | 4,7 | 24-30 | 800-1000 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|-----------|---------------|-----------|
| C5 | 1953 | 1969 | 4 | 1 | 78,00 | 92 | 0,40 | 5,6 | 5 | 1600 |
| C6 | | 1931 | 4 | 6 | 110,00 | 130 | 7,40 | 4,7 | 36-45 | 800-1000 |
| C10 | 1963 | 1969 | 4 | 2 | 78,00 | 92 | 0,88 | 5,6 | 10 | 1600 |
| C23 | 1956 | 1964 | 4 | 2 | 87,13 | 90 | 1,08 | 6,5 | 8-14 | 1000-1800 |
| D4 | | 1927 | 4 | 4 | 140,00 | 250 | 15,39 | | 48-60 | 500-625 |
| D6 | | 1919 | 4 | 6 | 140,00 | 250 | 23,09 | | 72-90 | 500-625 |
| DC6 | | 1936 | 4 | 6 | 88,90 | 110 | 4,10 | 5,2 | 30-75 | 1000-2500 |
| E3 | | 1926 | 4 | 3 | 92,00 | 125 | 2,49 | 4,32 | 11-12,5 | 800-1000 |
| E4 | | 1926 | 4 | 4 | 92,00 | 125 | 3,32 | 4,32 | 15-17 | 800-1000 |
| E6 | | 1929 | 4 | 6 | 92,00 | 125 | 4,99 | 4,32 | 24-30 | 800-1100 |
| EB6 | | 1930 | | | | | | | | |
| EC6 | | 1947 | 4 | 6 | 84,14 | 110 | 3,67 | 5,5(6,05) | 30-75 | 1200-3000 |
| EC61 | | 1951 | 4 | 6 | 84,14 | 110 | 3,67 | 5,5(6,05) | 30-75 | 1200-3000 |
| ED6 | 1951 | 1963 | 4 | 6 | 84,14 | 110 | 3,67 | 6,5 | 30-84 | 1000-3000 |
| EF4 | | 1951 | 4 | 4 | 92,07 | 110 | 2,40 | 6,0 | 20-52 | 1000-2500 |
| F1 | | 1947 | 2 | 1 | 92,07 | 90 | 0,67 | 3,7 | 3,5 | 1000 |
| FC6 | | 1947 | 4 | 6 | 92,07 | 110 | 4,39 | 5,25 | 90 | 3000 |
| F11 | | 1952 | 2 | 1 | 92,07 | 90 | 0,67 | 3,7 | 3,5 | 1000 |
| F12 | | 1958 | 2 | 1 | 92,07 | 90 | 0,67 | 5,2 | 5,5 | 1350 |
| F12A | | 1959 | 2 | 1 | 92,07 | 90 | 0,67 | 5,2 | 5,5 | 1350 |
| K1 | | 1935 | 4 | 1 | 88,90 | 110 | 0,68 | 4,7 | 3,5-5 | 800-1100 |
| K2 | | 1935 | 4 | 2 | 88,90 | 110 | 1,37 | 4,7 | 7-10 | 800-1100 |
| K11 | 1935 | 1949 | 4 | 1 | 88,90 | 110 | 0,68 | 4,7 | 3,5-5 | 800-1100 |
| K21 | 1935 | 1938 | 4 | 2 | 88,90 | 110 | 1,37 | 4,7 | 7-10 | 800-1100 |
| K22 | 1938 | 1951 | 4 | 2 | 88,90 | 110 | 1,37 | 4,7 | 7-10 | 800-1100 |
| L2 | | 1935 | 4 | 2 | 70,00 | 96 | 0,74 | 4,8 | 5-6 | 1000-1200 |
| L4 | | 1935 | 4 | 4 | 70,00 | 96 | 1,48 | 4,8 | 10-15 | 1000-1500 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|----------------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| L6 | 1933 | 4 | 6 | 70,00 | 96 | 2,20 | 4,8 | 15-30 | 1000-2100 |
| L41 | 1935 1947 | 4 | 4 | 75,00 | 96 | 1,70 | 5,4 | 12-18 | 1100-1800 |
| MO(Z1) | 1920 | 2 | 1 | 55,00 | 60 | 0,14 | | 1 | 1000 |
| M1-BM1 | 1932 | 4 | 1 | 85,00 | 100 | 0,57 | 4,8 | 2,5-3 | 800-1000 |
| M2-AM2-BM2 | 1932 | 4 | 2 | 85,00 | 100 | 1,14 | 4,8 | 5-6 | 800-1000 |
| M4-AM4-BM4 | 1932 | 4 | 4 | 85,00 | 100 | 2,27 | 4,8 | 10-12 | 800-1000 |
| MB2A | 1975 1982 | 4 | 2 | 56,00 | 40 | 0,20 | 8,6 | 7,5 | 5000 |
| MB10A | 1971 1977 | 4 | 2 | 88,90 | 82 | 1,02 | 6,5 | 15 | 2000 |
| MB10A/110S | 1971 1977 | 4 | 2 | 88,00 | 82 | 1,02 | 6,5 | 15 | 2000 |
| MB16A | 1964 | 4 | 4 | 79,37 | 80 | 1,60 | 7,4 | 22-50 | 1500-3500 |
| MB18B | 1963 1967 | 4 | 4 | 84,14 | 80 | 1,78 | 7,6 | 85 | 4500 |
| MB18F | 1963 1968 | 4 | 4 | 84,14 | 80 | 1,78 | | | |
| MB20A | 1969 1971 | 4 | 4 | 88,90 | 80 | 1,99 | 8,4 | 53 | 3000 |
| MB20B | 1969 1975 | 4 | 4 | 88,90 | 80 | 1,99 | | | |
| MB36A | 1964 | 4 | V8 | 84,14 | 80 | 3,56 | 7,6 | 72-120 | 2000-4000 |
| MB36B | 1964 1965 | 4 | V8 | 84,14 | 80 | 3,60 | 9,5 | 72-180 | 2000-5000 |
| P4 | 1931 1934 | 4 | 4 | 115,00 | 144 | 5,98 | 4,8 | 40-60 | 1000-1500 |
| P6 | 1931 1934 | 4 | 6 | 115,00 | 144 | 8,97 | 4,8 | 60-90 | 1000-1500 |

Inboard kerosene engines

| | | | | | | | | | |
|----|-----------|---|---|-------|-----|------|------|---------|----------|
| A2 | 1930 | 4 | 2 | 85,00 | 120 | 1,36 | | 5,5-8 | 800-1200 |
| A2 | 1930 1936 | 4 | 2 | 87,00 | 125 | 1,49 | 3,83 | 6,5-9,5 | 800-1200 |
| A4 | 1930 | 4 | 4 | 85,00 | 120 | 2,72 | | 9,5-12 | |
| A4 | 1930 1936 | 4 | 4 | 87,00 | 125 | 2,97 | 3,83 | 13-19 | 800-1200 |
| A6 | 1958 | 4 | 6 | 95,25 | 110 | 4,70 | | | |
| B1 | 1917 | 4 | 1 | 94,00 | 110 | 0,76 | | | |
| B2 | 1917 | 4 | 2 | 94,00 | 110 | 1,53 | | | |
| B4 | 1920 | 4 | 4 | 94,00 | 110 | 3,05 | | | |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| BB4 | | 1951 | 4 | 4 | 75,00 | 80 | 1,42 | 5,0 | 25 | 2500 |
| B16A | | 1964 | 4 | 4 | 79,37 | 80 | 1.60 | | | |
| B18B | | 1966 | 4 | 4 | 84,14 | 80 | 1,78 | | | |
| B18C | | 1967 | 4 | 4 | 84,14 | 80 | 1,78 | | | |
| BB25(B4) | | 1957 | 4 | 4 | 79,37 | 80 | 1,58 | 5,0 | 25 | 2200 |
| BB25(B16) | 1957 | 1963 | 4 | 4 | 79,37 | 80 | 1,58 | 5,0 | 25 | 2200 |
| BB25X | | 1958 | 4 | 4 | 75,00 | 80 | 1,42 | 5,0 | 25 | 2500 |
| BB30B | 1963 | 1969 | 4 | 4 | 84,14 | 80 | 1,78 | | | |
| BB30F | | 1966 | 4 | 4 | 84,14 | 80 | 1,78 | 6,0 | 45 | 3000 |
| BB41 | 1951 | 1957 | 4 | 4 | 75,00 | 80 | 1,42 | 5,0 | 25 | 2500 |
| BB43 | 1951 | 1957 | 4 | 4 | 75,00 | 80 | 1,42 | 5,0 | 25 | 2500 |
| BB50 | | 1956 | 4 | 4 | 75,00 | 80 | 1,42 | | | |
| C2 | 1952 | 1956 | 4 | 2 | 84,14 | 90 | 1,00 | 4,5 | 9 | 1500 |
| C4 | | 1931 | 4 | 4 | 110,00 | 130 | 4,94 | 4,0 | 20 | 800 |
| C5 | 1953 | 1969 | 4 | 1 | 78,00 | 92 | 0,40 | | 4 | 1600 |
| C6 | | 1931 | 4 | 6 | 110,00 | 130 | 7,40 | 4,0 | 30 | 800 |
| C10 | 1963 | 1969 | 4 | 2 | 78,00 | 92 | 0,88 | | 8 | 1600 |
| C23 | 1956 | 1964 | 4 | 2 | 87,13 | 90 | 1,08 | 4,6 | 6,5-11 | 1000-1800 |
| D4 | | 1927 | 4 | 4 | 140,00 | 250 | 15,39 | | 42 | 500 |
| D6 | | 1919 | 4 | 6 | 140,00 | 250 | 23,09 | | 63 | 500 |
| DC6 | | 1936 | 4 | 6 | 88,90 | 110 | 4,10 | | | |
| E3 | | 1926 | 4 | 3 | 92,00 | 125 | 2,49 | 3,86 | 10-11,5 | 800-1000 |
| E4 | | 1926 | 4 | 4 | 92,00 | 125 | 3,32 | 3,86 | 14-16 | 800-1000 |
| E6 | | 1929 | 4 | 6 | 92,00 | 125 | 4,99 | 3,86 | 22-25 | 800-1000 |
| EB6 | | 1930 | | | | | | | | |
| EC6 | | 1947 | 4 | 6 | 84,14 | 110 | 3,67 | | 27-58 | 1200-2600 |
| EC61 | | 1951 | 4 | 6 | 84,14 | 110 | 3,67 | | 27-58 | 1200-2600 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | Manufacturing finish | Cycle-no. | Cyl. | Cyl diam. mm | Stroke-length mm | Stroke-volume for dm ³ | Compr. | Output hp (*) | RPM rpm |
|-------------|---------------------|----------------------|-----------|------|--------------|------------------|-----------------------------------|--------|---------------|-----------|
| ED6 | 1951 | 1963 | 4 | 6 | 84,14 | 110 | 3,67 | 4,8 | 31-60 | 1200-2500 |
| EF4 | 1951 | | 4 | 4 | 92,07 | 110 | 2,40 | | 26-32 | 1600-2000 |
| F1 | 1947 | | 2 | 1 | 92,07 | 90 | 0,67 | 3,7 | 3,5 | 1000 |
| FC6 | 1947 | | 4 | 6 | 92,07 | 110 | 4,39 | | | |
| F11 | 1952 | | 2 | 1 | 92,07 | 90 | 0,67 | 3,7 | 3,5 | 1000 |
| F12 | 1958 | | 2 | 1 | 92,07 | 90 | 0,67 | 5,2 | 5,5 | 1350 |
| F12A | 1959 | | 2 | 1 | 92,07 | 90 | 0,67 | 5,2 | 5,5 | 1350 |
| K1 | 1935 | | 4 | 1 | 88,90 | 110 | 0,68 | 4,2 | 3-4,5 | 800-1100 |
| K2 | 1935 | | 4 | 2 | 88,90 | 110 | 1,37 | 4,2 | 6-9 | 800-1100 |
| K11 | 1935 | 1949 | 4 | 1 | 88,90 | 110 | 0,68 | 4,2 | 3-4,5 | 800-1100 |
| K21 | 1935 | 1938 | 4 | 2 | 88,90 | 110 | 1,37 | 4,2 | 6-9 | 800-1100 |
| K22 | 1938 | 1951 | 4 | 2 | 88,90 | 110 | 1,37 | 4,2 | 6-9 | 00-1100 |
| L2 | 1935 | | 4 | 2 | 70,00 | 96 | 0,74 | 4,4 | 4-5 | 1000-1250 |
| L4 | 1935 | | 4 | 4 | 70,00 | 96 | 1,48 | 4,4 | 8-10 | 1000-1250 |
| L6 | 1933 | | 4 | 6 | 70,00 | 96 | 2,20 | | | |
| L41 | 1935 | 1947 | 4 | 4 | 75,00 | 96 | 1,70 | 4,8 | 10-12 | 1100-1500 |
| MO(Z1) | 1920 | | 2 | 1 | 55,00 | 60 | 0,14 | | | |
| M1-BM1 | 1932 | | 4 | 1 | 85,00 | 100 | 0,57 | 3,8 | 2-2,5 | 800-1000 |
| M2-AM2-BM2 | 1932 | | 4 | 2 | 85,00 | 100 | 1,14 | 3,8 | 4,5 | 800-1000 |
| M4-AM4-BM4 | 1932 | | 4 | 4 | 85,00 | 100 | 2,27 | 3,8 | 8-10 | 800-1000 |
| MB2A | 1975 | 1982 | 4 | 2 | 56,00 | 40 | 0,20 | | | |
| MB10A | 1971 | 1977 | 4 | 2 | 88,90 | 82 | 1,02 | | | |
| MB10A/110S | 1971 | 1977 | 4 | 2 | 88,90 | 82 | 1,02 | | | |
| MB16A | 1964 | | 4 | 4 | 79,37 | 80 | 1,60 | 5,0 | 17-27 | 1500-2500 |
| MB18B | 1963 | 1967 | 4 | 4 | 84,14 | 80 | 1,78 | | | |
| MB18F | 1963 | 1968 | 4 | 4 | 84,14 | 80 | 1,78 | 6,0 | 56 | 4500 |
| MB20A | 1969 | 1971 | 4 | 4 | 88,90 | 80 | 1,99 | | | |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

| Engine type | Manufacturing start | finish | Cycle- no. | Cyl. | Cyl diam. mm | Stroke- length mm | Stroke- volume for dm ³ | Compr. | Output hp [*] | RPM rpm |
|-------------|------------------------|--------|---------------|------|--------------------|-------------------------|--|--------|---------------------------|------------|
| MB20B | 1969 | 1975 | 4 | 4 | 88,90 | 80 | 1,99 | 5,0 | 42 | 3000 |
| MB36A | | 1964 | 4 | V8 | 84,14 | 80 | 3,56 | | | |
| MB36B | 1964 | 1965 | 4 | V8 | 84,14 | 80 | 3,60 | | | |
| P4 | 1931 | 1934 | 4 | 4 | 115,00 | 144 | 5,98 | 3,9 | 34-40 | 1000-1200 |
| P6 | 1931 | 1934 | 4 | 6 | 115,00 | 144 | 8,97 | 3,9 | 50-60 | 1000-1200 |

*) Measured at flywheel. For the 6 cylinder diesel engines of later production and also MD42A, the output is given partly for intermittent operation, partly for continuous (heavy) operation. The output for pleasure craft and for other installations (light operation) are alternatives, given when required. For complete output information, refer to the sales literature.

