

| Series No. | Engine Code | Cyl. No. | Position | Size (mm) | | | Shape | Material | Surface treatment | Reference |
|----------------|-----------------|----------|----------|-----------|-----------------|----------------|----------|----------|--------------------|--|
| | | | | d1(D) | h1(B) | a1(T) | | | | |
| KOMATSU | | | | | | | | | | |
| 1 | 4D95 | 4 | 1st | 95.00 | 2.00 | 4.00 | BF | CR | Cr/Fe | 6204-31-2200 6204-31-2203 |
| | | | 2nd | | 2.00 | 4.00 | T1-IC | CR | Fe | |
| | | | Oil | | 4.00 | 2.55 (4.60) | BC16-S | SR | Cr/Fe | |
| 2 | 4D95 | 4 | 1st | 95.00 | 2.00 | 4.00 | BF | HB | Cr/Fe | |
| | | | 2nd | | 2.00 | 4.00 | T1-IC | CR | Cr/Fe | |
| | | | Oil | | 4.00 | 2.55 (4.60) | BC16-S | SR | Cr/Fe | |
| 3 | S6D95 | 6 | 1st | 95.00 | 2.45 (2.10) | 3.70 | BF-K1 | HB | Cr/Fe | |
| | | | 2nd | | 2.20 (2.05) | 4.00 | T1-K2 | CR | Cr/Fe | |
| | | | Oil | | 4.00 | 2.90 (4.10) | E-BC16 | CR | In. and Out. Cr | |
| 4 | S6D95 | 6 | 1st | 95.00 | 2.45 (2.10) | 3.70 | BF-K1 | HB | Cr/Fe | 6207-31-2500 |
| | | | 2nd | | 2.20 (2.05) | 4.00 | T1-K2 | CR | Cr/Fe | |
| | | | Oil | | 4.00 | 2.55 (4.60) | BC16-S | SR | Cr/Fe | |
| 5 | S6D95 | 6 | 1st | 95.00 | 2.45 (2.10) | 3.70 | BF-K1 | HB | Cr/Fe | 6209-31-2400 |
| | | | 2nd | | 2.20 (1.979) | 4.00 | T1-K1-IC | HB | Cr/Fe | |
| | | | Oil | | 4.00 | 2.55 (4.60) | BC16-S | SR | Cr/Fe | |
| 6 | S6D102 | 6 | 1st | 102.00 | 2.85 (2.605) | 4.20 | BF-K1 | HB | Cr/Fe | 6732-31-2300 6735-31-2030 |
| | | | 2nd | | 2.35 | 4.20 | T1-IB | CR | Fe | |
| | | | Oil | | 4.00 | 3.20 (4.20) | E-BC16 | CR | Cr/Fe | |
| 7 | 6D105 S6D105 | 6 | 1st | 105.00 | 3.00 | 4.20 | BF | HB | Cr/Fe | 6136-31-2010(cyl) 6136-31-2030(cyl) |
| | | | 2nd | | 2.50 | 4.60 | T1-IC | CR | Cr/Fe | |
| | | | Oil | | 5.00 | 3.10 (4.30) | BC16-S | SR | Cr/Fe | |
| 8 | 6D105 S6D105 | 6 | 1st | 105.00 | 3.00 (2.605) | 4.20 | BF-K1 | HB | Cr/Fe | 6137-31-2040 6137-31-2032 6137-31-2030 |
| | | | 2nd | | 2.50 (2.35) | 4.50 | T1-K2 | CR | Cr/Fe | |
| | | | Oil | | 5.00 | 3.60 (4.70) | E-BC16 | CR | Cr/Fe | |

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| | | | | d1(D) | h1(B) | a1(T) | | | | |
| KOMATSU | | | | | | | | | | |
| 9 | 6D105 S6D105 | 6 | 1st | 105.00 | 3.00 (2.605) | 4.20 | BF-K1 | HB | Cr/Fe | |
| | | | 2nd | | 2.50 (2.35) | 4.50 | T1-K2 | CR | Cr/Fe | |
| | | | Oil | | 5.00 | 3.10 (4.30) | BC16-S | SR | Cr/Fe | |
| 10 | 6D108 | 6 | 1st | 108.00 | 2.385 (2.18) | 4.35 | BF-K1 | HB | Cr/Fe | |
| | | | 2nd | | 2.385 (2.18) | 4.35 | T1-K1-IC | HB | Cr/Fe | |
| | | | Oil | | 4.00 | 3.30 (4.50) | E-BC16 | CR | In. and Out. Cr | |
| 11 | 6D108 | 6 | 1st | 108.00 | 2.40 (2.18) | 4.35 | BF-K1 | HB | Cr/Fe | 6221-31-2200 |
| | | | 2nd | | 2.48 (2.26) | 4.35 | T1-K1-IC | HB | Cr/Fe | |
| | | | Oil | | 4.00 | 2.55 (4.15) | BC16-S | SR | Cr/Fe | |
| 12 | S4D120 | 6 | 1st | 120.00 | 3.50 | 4.60 | BF | HB | Cr/Fe | 6110-30-2301 6110-30-2302 6110-30-2303 6110-30-2401 6110-30-2402 6110-30-2403 |
| | | | 2nd | | 2.50 | 5.00 | T1-IC | CR | Cr/Fe | |
| | | | Oil | | 5.50 | 3.90 (5.10) | E-BC16 | CR | Cr/Fe | |
| 13 | S4D120 | 6 | 1st | 120.00 | 3.50 | 4.60 | BF | HB | Cr/Fe | |
| | | | 2nd | | 2.50 | 5.00 | T1-IC | CR | Cr/Fe | |
| | | | Oil | | 5.00 | 3.90 (5.70) | E-BC16 | CR | In. and Out. Cr | |
| 14 | SAA6D125E | 6 | 1st | 125.00 | 2.385 (2.18) | 5.00 | BF-K1 | HB | Cr/Fe | 6150-31-2032 6150-31-2033 6150-32-2030 6154-31-2030 6251-31-2030 |
| | | | 2nd | | 2.385 (2.18) | 5.00 | T1-K1-IC | HB | Cr/Fe | |
| | | | Oil | | 4.00 | 3.30 (4.40) | E-BC16 | CR | In. and Out. Cr | |
| 15 | SAA6D125E | 6 | 1st | 125.00 | 2.37 (2.18) | 5.00 | BF-K1 | HB | Cr/Fe | 6150-31-2032 6150-31-2033 6150-32-2030 6154-31-2030 6251-31-2030 |
| | | | 2nd | | 2.37 (2.18) | 5.00 | T1-K1-IC | HB | Cr/Fe | |
| | | | Oil | | 4.00 | 3.50 (4.40) | E-BC16 | CR | In. and Out. Cr | |
| 16 | SAA6D125E | 6 | 1st | 125.00 | 2.37 (2.097) | 5.00 | BF-K1-IC | HB | Cr/Fe | |
| | | | 2nd | | 2.37 (2.18) | 5.00 | T1-K1-IC | HB | Cr/Fe | |
| | | | Oil | | 3.96 | 3.00 (4.80) | BC16-S | SR | GN | |

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| | | | | d1(D) | h1(B) | a1(T) | | | | |
| KOMATSU | | | | | | | | | | |
| 17 | 6D140 | 6 | 1st | 140.00 | 2.385 (2.18) | 5.50 | BF-K1 | HB | Cr/Fe | 6211-31-2031 |
| | | | 2nd | | 2.385 (2.18) | 5.50 | T1-K1-IC | HB | Cr/Fe | |
| | | | Oil | | 4.00 | 3.60 (4.80) | E-BC16 | CR | In. and Out. Cr | |
| 18 | 6D140 | 6 | 1st | 140.00 | 2.385 (2.18) | 5.50 | BF-K1 | HB | Cr/Fe | 6211-31-2031 |
| | | | 2nd | | 2.385 (2.18) | 5.50 | T1-K1-IC | HB | Cr/Fe | |
| | | | Oil | | 4.00 | 2.30 (4.15) | BC16-S | SR | Cr/Fe | |
| 19 | S6D140E-3 | 6 | 1st | 140.00 | 2.870 (2.605) | 5.50 | BF-K1-IC | HB | Cr/Fe | 6217-31-2030 |
| | | | 2nd | | 2.38 (2.18) | 5.50 | T1-K1-IC | HB | Cr/Fe | |
| | | | Oil | | 3.96 | 3.00 (4.80) | BC16-S | SR | GN | |

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