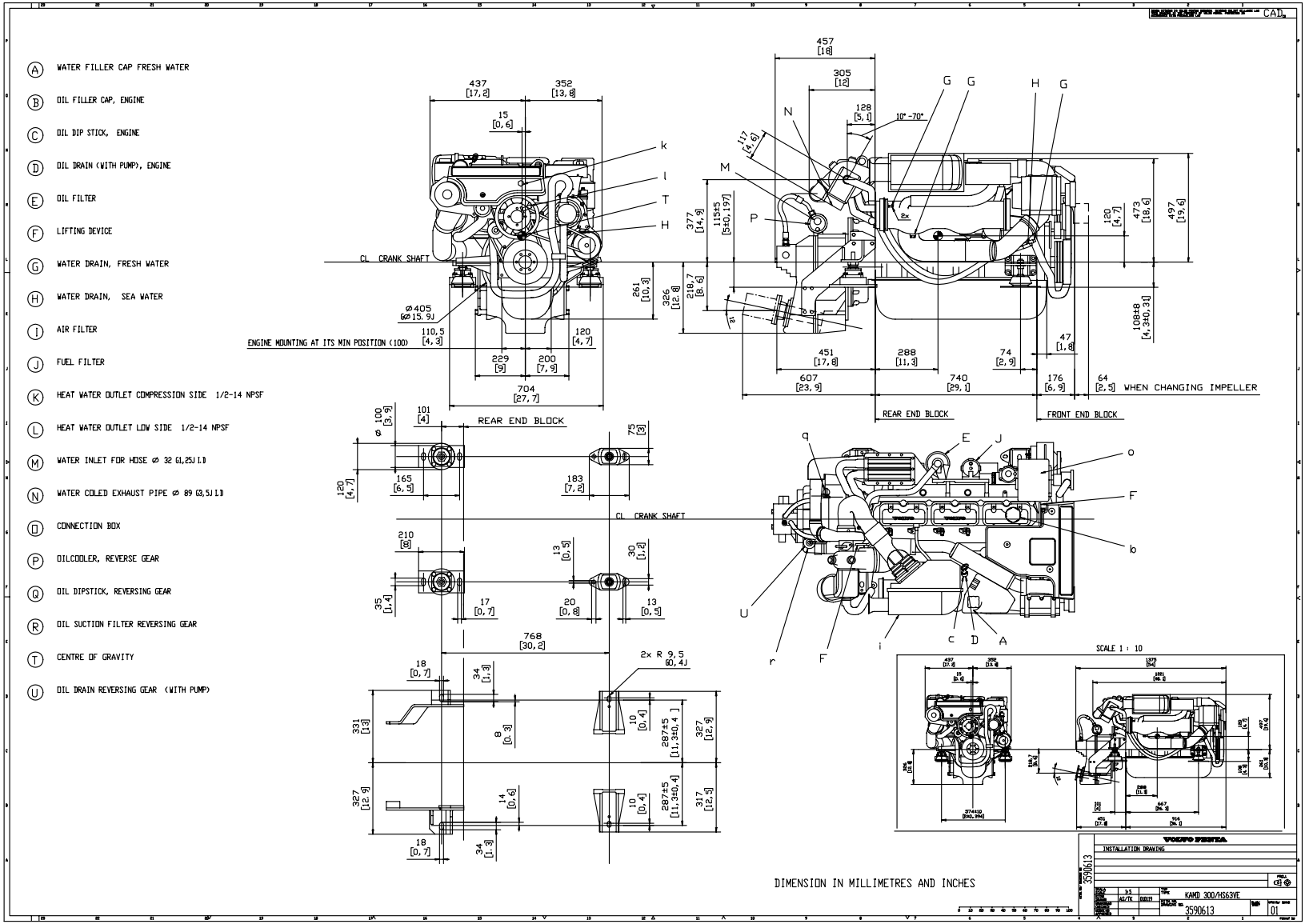

Ⓐ WATER FILLER CAP FRESH WATER
Ⓑ OIL FILLER CAP, ENGINE
Ⓒ OIL DIP STICK, ENGINE
Ⓓ OIL DRAIN (WITH PUMP), ENGINE
Ⓔ OIL FILTER
Ⓕ LIFTING DEVICE
Ⓖ WATER DRAIN, FRESH WATER
Ⓗ WATER DRAIN, SEA WATER
Ⓘ AIR FILTER
Ⓙ FUEL FILTER
Ⓚ HEAT WATER OUTLET COMPRESSION SIDE 1/2-14 NPSF
Ⓛ HEAT WATER OUTLET LOW SIDE 1/2-14 NPSF
Ⓜ WATER INLET FOR HOSE ∅ 32 G1,25J I.D
Ⓝ WATER COLED EXHAUST PIPE ∅ 89 G3,5J I.D
Ⓞ CONNECTION BOX
Ⓟ OILCOOLER, REVERSE GEAR
Ⓠ OIL DIPSTICK, REVERSING GEAR
Ⓡ OIL SUCTION FILTER REVERSING GEAR
Ⓣ CENTRE OF GRAVITY
Ⓤ OIL DRAIN REVERSING GEAR (WITH PUMP)
437 [17,2]
352 [13,8]
15 [0,6]
CL CRANK SHAFT
ENGINE MOUNTING AT ITS MIN POSITION (100)
110,5 [4,3]
120 [4,7]
229 [9]
200 [7,9]
704 [27,7]
261 [10,3]
326 [12,8]
457 [18]
305 [12]
128 [5,1]
10°-70°
117 [4,6]
377 [14,9]
115±5 [5±0,197]
218,7 [8,6]
120 [4,7]
473 [18,6]
497 [19,6]
108±8 [4,3±0,31]
47 [1,8]
451 [17,8]
288 [11,3]
74 [2,9]
607 [23,9]
740 [29,1]
176 [6,9]
64 [2,5] WHEN CHANGING IMPELLER
REAR END BLOCK
FRONT END BLOCK
REAR END BLOCK
101 [4]
165 [6,5]
183 [7,2]
75 [3]
120 [4,7]
CL CRANK SHAFT
210 [8]
13 [0,5]
30 [1,2]
35 [1,4]
17 [0,7]
20 [0,8]
13 [0,5]
768 [30,2]
2× R 9,5 (0,4)
18 [0,7]
34 [1,3]
331 [13]
8 [0,3]
10 [0,4]
287±5 [11,3±0,4]
327 [12,9]
14 [0,6]
317 [12,5]
SCALE 1 : 10
DIMENSION IN MILLIMETRES AND INCHES
VOLVO PENTA
INSTALLATION DRAWING
KAMD 300/HS63VE
3590613
01