

The group G is isomorphic to the group labelled by [30, 2] in the Small Groups library.

Ordinary character table of $G \cong C3 \times D10$:

	1a	3a	3b	5a	15a	15b	5b	15c	15d	2a	6a	6b
χ_1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$
χ_3	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$
χ_4	1	1	1	1	1	1	1	1	1	-1	-1	-1
χ_5	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	-1	$-E(3)$	$-E(3)^2$
χ_6	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	-1	$-E(3)^2$	$-E(3)$
χ_7	2	2	2	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	0	0	0
χ_8	2	$2 * E(3)$	$2 * E(3)^2$	$E(5) + E(5)^4$	$E(15)^2 + E(15)^8$	$E(15)^7 + E(15)^{13}$	$E(5)^2 + E(5)^3$	$E(15)^{11} + E(15)^{14}$	$E(15) + E(15)^4$	0	0	0
χ_9	2	$2 * E(3)^2$	$2 * E(3)$	$E(5) + E(5)^4$	$E(15)^7 + E(15)^{13}$	$E(15)^2 + E(15)^8$	$E(5)^2 + E(5)^3$	$E(15) + E(15)^4$	$E(15)^{11} + E(15)^{14}$	0	0	0
χ_{10}	2	2	2	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	0	0	0
χ_{11}	2	$2 * E(3)$	$2 * E(3)^2$	$E(5)^2 + E(5)^3$	$E(15)^{11} + E(15)^{14}$	$E(15) + E(15)^4$	$E(5) + E(5)^4$	$E(15)^2 + E(15)^8$	$E(15)^7 + E(15)^{13}$	0	0	0
χ_{12}	2	$2 * E(3)^2$	$2 * E(3)$	$E(5)^2 + E(5)^3$	$E(15) + E(15)^4$	$E(15)^{11} + E(15)^{14}$	$E(5) + E(5)^4$	$E(15)^7 + E(15)^{13}$	$E(15)^2 + E(15)^8$	0	0	0

Trivial source character table of $G \cong C3 \times D10$ at $p = 3$:

Normalisers N_i	N_1				N_2			
p -subgroups of G up to conjugacy in G	P_1				P_2			
Representatives $n_j \in N_i$	1a	2a	5a	5b	1a	2a	5a	5b
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	3	3	3	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	-3	3	3	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	6	0	$3 * E(5) + 3 * E(5)^4$	$3 * E(5)^2 + 3 * E(5)^3$	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12}$	6	0	$3 * E(5)^2 + 3 * E(5)^3$	$3 * E(5) + 3 * E(5)^4$	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	1	-1	1	1	1	-1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	2	0	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	2	0	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	2	0	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	2	0	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$

$$P_1 = \text{Group}([(())]) \cong 1$$

$$P_2 = \text{Group}([(1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 16)(9, 14, 19)(12, 17, 22)(15, 20, 25)(18, 23, 27)(21, 26, 29)(24, 28, 30)]) \cong C3$$

$$N_1 = \text{Group}([(1, 2)(3, 5)(4, 24)(6, 21)(7, 10)(8, 28)(9, 18)(11, 26)(12, 15)(13, 30)(14, 23)(16, 29)(17, 20)(19, 27)(22, 25), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 16)(9, 14, 19)(12, 17, 22)(15, 20, 25)(18, 23, 27)(21, 26, 29)(24, 28, 30), (1, 4, 9, 15, 21)(2, 6, 12, 18, 24)(3, 8, 14, 20, 26)(5, 11, 17, 23, 28)(7, 13, 19, 25, 29)(10, 16, 22, 27, 30)]) \cong C3 \times D10$$

$$N_2 = \text{Group}([(1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 16)(9, 14, 19)(12, 17, 22)(15, 20, 25)(18, 23, 27)(21, 26, 29)(24, 28, 30), (1, 2)(3, 5)(4, 24)(6, 21)(7, 10)(8, 28)(9, 18)(11, 26)(12, 15)(13, 30)(14, 23)(16, 29)(17, 20)(19, 27)(22, 25), (1, 4, 9, 15, 21)(2, 6, 12, 18, 24)(3, 8, 14, 20, 26)(5, 11, 17, 23, 28)(7, 13, 19, 25, 29)(10, 16, 22, 27, 30)]) \cong C3 \times D10$$