

The group G is isomorphic to the group labelled by [18, 3] in the Small Groups library.

Ordinary character table of $G \cong C3 \times S3$:

	1a	2a	3a	3b	6a	3c	3d	6b	3e
χ_1	1	1	1	1	1	1	1	1	1
χ_2	1	-1	1	1	-1	1	1	-1	1
χ_3	1	-1	$E(3)^2$	1	$-E(3)^2$	$E(3)$	$E(3)^2$	$-E(3)$	$E(3)$
χ_4	1	-1	$E(3)$	1	$-E(3)$	$E(3)^2$	$E(3)$	$-E(3)^2$	$E(3)^2$
χ_5	1	1	$E(3)^2$	1	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)$
χ_6	1	1	$E(3)$	1	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)^2$
χ_7	2	0	2	-1	0	2	-1	0	-1
χ_8	2	0	$2 * E(3)$	-1	0	$2 * E(3)^2$	$-E(3)$	0	$-E(3)^2$
χ_9	2	0	$2 * E(3)^2$	-1	0	$2 * E(3)$	$-E(3)^2$	0	$-E(3)$

Trivial source character table of $G \cong C3 \times S3$ at $p = 3$:

Normalisers N_i	N_1		N_2		N_3		N_4		N_5	
p -subgroups of G up to conjugacy in G	P_1		P_2		P_3		P_4		P_5	
Representatives $n_j \in N_i$	1a	2a	1a	2a	1a	2a	1a	1a	2a	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9$	9	3	0	0	0	0	0	0	0	
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9$	9	-3	0	0	0	0	0	0	0	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	3	1	3	1	0	0	0	0	0	
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	3	-1	3	-1	0	0	0	0	0	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	3	3	0	0	3	3	0	0	0	
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	3	-3	0	0	3	-3	0	0	0	
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9$	6	0	0	0	0	0	3	0	0	
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	1	1	1	1	1	1	1	1	1	
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	1	-1	1	-1	1	-1	1	1	-1	

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

$$P_2 = \text{Group}([(1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18)]) \cong C3$$

$$P_3 = \text{Group}([(1, 9, 4)(2, 12, 6)(3, 14, 8)(5, 16, 11)(7, 17, 13)(10, 18, 15)]) \cong C3$$

$$P_4 = \text{Group}([(1, 14, 13)(2, 16, 15)(3, 17, 4)(5, 18, 6)(7, 9, 8)(10, 12, 11)]) \cong C3$$

$$P_5 = \text{Group}([(1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18), (1, 9, 4)(2, 12, 6)(3, 14, 8)(5, 16, 11)(7, 17, 13)(10, 18, 15)]) \cong C3 \times C3$$

$$N_1 = \text{Group}([(1, 2)(3, 5)(4, 12)(6, 9)(7, 10)(8, 16)(11, 14)(13, 18)(15, 17), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18), (1, 4, 9)(2, 6, 12)(3, 8, 14)(5, 11, 16)(7, 13, 17)(10, 15, 18)]) \cong C3 \times S3$$

$$N_2 = \text{Group}([(1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18), (1, 2)(3, 5)(4, 12)(6, 9)(7, 10)(8, 16)(11, 14)(13, 18)(15, 17), (1, 4, 9)(2, 6, 12)(3, 8, 14)(5, 11, 16)(7, 13, 17)(10, 15, 18)]) \cong C3 \times S3$$

$$N_3 = \text{Group}([(1, 9, 4)(2, 12, 6)(3, 14, 8)(5, 16, 11)(7, 17, 13)(10, 18, 15), (1, 2)(3, 5)(4, 12)(6, 9)(7, 10)(8, 16)(11, 14)(13, 18)(15, 17), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18)]) \cong C3 \times S3$$

$$N_4 = \text{Group}([(1, 14, 13)(2, 16, 15)(3, 17, 4)(5, 18, 6)(7, 9, 8)(10, 12, 11), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18)]) \cong C3 \times C3$$

$$N_5 = \text{Group}([(1, 9, 4)(2, 12, 6)(3, 14, 8)(5, 16, 11)(7, 17, 13)(10, 18, 15), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 15)(9, 14, 17)(12, 16, 18), (1, 2)(3, 5)(4, 12)(6, 9)(7, 10)(8, 16)(11, 14)(13, 18)(15, 17)]) \cong C3 \times S3$$