

The group  $G$  is isomorphic to the group labelled by [ 36, 13 ] in the Small Groups library.  
 Ordinary character table of  $G \cong C2 \times ((C3 \times C3) : C2)$ :

	$1a$	$2a$	$2b$	$3a$	$3b$	$2c$	$6a$	$6b$	$3c$	$6c$	$3d$	$6d$
$\chi_1$	1	1	1	1	1	1	1	1	1	1	1	1
$\chi_2$	1	-1	-1	1	1	1	-1	-1	1	-1	1	-1
$\chi_3$	1	-1	1	1	1	-1	1	1	1	1	1	1
$\chi_4$	1	1	-1	1	1	-1	-1	-1	1	-1	1	-1
$\chi_5$	2	0	2	2	-1	0	2	-1	-1	-1	-1	-1
$\chi_6$	2	0	-2	2	-1	0	-2	1	-1	1	-1	1
$\chi_7$	2	0	2	-1	2	0	-1	2	-1	-1	-1	-1
$\chi_8$	2	0	-2	-1	2	0	1	-2	-1	1	-1	1
$\chi_9$	2	0	-2	-1	-1	0	1	1	-1	1	2	-2
$\chi_{10}$	2	0	-2	-1	-1	0	1	1	2	-2	-1	1
$\chi_{11}$	2	0	2	-1	-1	0	-1	-1	-1	-1	2	2
$\chi_{12}$	2	0	2	-1	-1	0	-1	-1	2	2	-1	-1

Trivial source character table of  $G \cong C2 \times ((C3 \times C3) : C2)$  at  $p = 3$ :

Normalisers $N_i$	$N_1$				$N_2$				$N_3$				$N_4$				$N_5$				$N_6$			
$p$ -subgroups of $G$ up to conjugacy in $G$	$P_1$				$P_2$				$P_3$				$P_4$				$P_5$				$P_6$			
Representatives $n_j \in N_i$	$1a$	$2a$	$2b$	$2c$	$1a$	$2b$	$2a$	$2c$	$1a$	$2b$	$2a$	$2c$	$1a$	$2b$	$2a$	$2c$	$1a$	$2b$	$2a$	$2c$	$1a$	$2b$	$2a$	$2c$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12}$	9	1	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	9	-1	-9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12}$	9	-1	9	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	9	1	-9	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	1	3	1	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	-1	3	-1	3	3	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	1	-3	-1	3	-3	1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	-1	-3	1	3	-3	-1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	1	3	1	0	0	0	0	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	-1	3	-1	0	0	0	0	3	3	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	1	-3	-1	0	0	0	0	3	-3	1	-1	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	-1	-3	1	0	0	0	0	3	-3	-1	1	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12}$	3	1	3	1	0	0	0	0	0	0	0	0	3	3	1	1	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12}$	3	-1	3	-1	0	0	0	0	0	0	0	0	3	3	-1	-1	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	1	-3	-1	0	0	0	0	0	0	0	0	3	-3	1	-1	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	-1	-3	1	0	0	0	0	0	0	0	0	3	-3	-1	1	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	1	3	1	0	0	0	0	0	0	0	0	3	3	1	1	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	-1	3	-1	0	0	0	0	0	0	0	0	3	3	-1	-1	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	1	-3	-1	0	0	0	0	0	0	0	0	3	-3	1	-1	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	3	-1	-3	1	0	0	0	0	0	0	0	0	3	-3	-1	1	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	1	-1	1	-1	1	1	-1	-1	1	1	-1	-1	1	1	-1	-1	1	1	-1	-1	1	1	-1	-1
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	1	-1	-1	1	1	-1	-1	1	1	-1	-1	1	1	-1	-1	1	1	-1	-1	1	1	-1	-1	1

$P_1 = \text{Group}([(())]) \cong 1$   
 $P_2 = \text{Group}([(1, 13, 5)(2, 18, 8)(3, 21, 10)(4, 23, 12)(6, 26, 15)(7, 28, 17)(9, 30, 20)(11, 31, 22)(14, 33, 25)(16, 34, 27)(19, 35, 29)(24, 36, 32)]) \cong C3$   
 $P_3 = \text{Group}([(1, 11, 4)(2, 16, 7)(3, 19, 9)(5, 22, 12)(6, 24, 14)(8, 27, 17)(10, 29, 20)(13, 31, 23)(15, 32, 25)(18, 34, 28)(21, 35, 30)(26, 36, 33)]) \cong C3$   
 $P_4 = \text{Group}([(1, 31, 12)(2, 34, 17)(3, 35, 20)(4, 13, 22)(5, 11, 23)(6, 36, 25)(7, 18, 27)(8, 16, 28)(9, 21, 29)(10, 19, 30)(14, 26, 32)(15, 24, 33)]) \cong C3$   
 $P_5 = \text{Group}([(1, 23, 22)(2, 28, 27)(3, 30, 29)(4, 31, 5)(6, 33, 32)(7, 34, 8)(9, 35, 10)(11, 13, 12)(14, 36, 15)(16, 18, 17)(19, 21, 20)(24, 26, 25)]) \cong C3$   
 $P_6 = \text{Group}([(1, 13, 5)(2, 18, 8)(3, 21, 10)(4, 23, 12)(6, 26, 15)(7, 28, 17)(9, 30, 20)(11, 31, 22)(14, 33, 25)(16, 34, 27)(19, 35, 29)(24, 36, 32), (1, 11, 4)(2, 16, 7)(3, 19, 9)(5, 22, 12)(6, 24, 14)(8, 27, 17)(10, 29, 20)(13, 31, 23)(15, 32, 25)(18, 34, 28)(21, 35, 30)(26, 36, 33)]) \cong C3 \times C3$

$N_1 = \text{Group}([(1, 2)(3, 6)(4, 16)(5, 18)(7, 11)(8, 13)(9, 24)(10, 26)(12, 34)(14, 19)(15, 21)(17, 31)(20, 36)(22, 28)(23, 27)(25, 35)(29, 33)(30, 32), (1, 3)(2, 6)(4, 9)(5, 10)(7, 14)(8, 15)(11, 19)(12, 20)(13, 21)(16, 24)(17, 25)(18, 26)(22, 29)(23, 30)(27, 32)(28, 33)(31, 35)(34, 36), (1, 4, 11)(2, 7, 16)(3, 9, 19)(5, 12, 22)(6, 14, 24)(8, 17, 27)(10, 20, 29)(13, 23, 31)(15, 25, 32)(18, 28, 34)(21, 30, 35)(26, 33, 36), (1, 5, 13)(2, 8, 18)(3, 10, 21)(4, 12, 23)(6, 15, 26)(7, 17, 28)(9, 20, 30)(11, 22, 31)(14, 25, 33)(16, 27, 34)(19, 29, 35)(24, 32, 36)]) \cong C2 \times ((C3 \times C3) : C2)$   
 $N_2 = \text{Group}([(1, 13, 5)(2, 18, 8)(3, 21, 10)(4, 23, 12)(6, 26, 15)(7, 28, 17)(9, 30, 20)(11, 31, 22)(14, 33, 25)(16, 34, 27)(19, 35, 29)(24, 36, 32), (1, 2)(3, 6)(4, 16)(5, 18)(7, 11)(8, 13)(9, 24)(10, 26)(12, 34)(14, 19)(15, 21)(17, 31)(20, 36)(22, 28)(23, 27)(25, 35)(29, 33)(30, 32), (1, 3)(2, 6)(4, 9)(5, 10)(7, 14)(8, 15)(11, 19)(12, 20)(13, 21)(16, 24)(17, 25)(18, 26)(22, 29)(23, 30)(27, 32)(28, 33)(31, 35)(34, 36), (1, 4, 11)(2, 7, 16)(3, 9, 19)(5, 12, 22)(6, 14, 24)(8, 17, 27)(10, 20, 29)(13, 23, 31)(15, 25, 32)(18, 28, 34)(21, 30, 35)(26, 33, 36)]) \cong C2 \times ((C3 \times C3) : C2)$   
 $N_3 = \text{Group}([(1, 11, 4)(2, 16, 7)(3, 19, 9)(5, 22, 12)(6, 24, 14)(8, 27, 17)(10, 29, 20)(13, 31, 23)(15, 32, 25)(18, 34, 28)(21, 35, 30)(26, 36, 33), (1, 2)(3, 6)(4, 16)(5, 18)(7, 11)(8, 13)(9, 24)(10, 26)(12, 34)(14, 19)(15, 21)(17, 31)(20, 36)(22, 28)(23, 27)(25, 35)(29, 33)(30, 32), (1, 3)(2, 6)(4, 9)(5, 10)(7, 14)(8, 15)(11, 19)(12, 20)(13, 21)(16, 24)(17, 25)(18, 26)(22, 29)(23, 30)(27, 32)(28, 33)(31, 35)(34, 36), (1, 5, 13)(2, 8, 18)(3, 10, 21)(4, 12, 23)(6, 15, 26)(7, 17, 28)(9, 20, 30)(11, 22, 31)(14, 25, 33)(16, 27, 34)(19, 29, 35)(24, 32, 36)]) \cong C2 \times ((C3 \times C3) : C2)$   
 $N_4 = \text{Group}([(1, 31, 12)(2, 34, 17)(3, 35, 20)(4, 13, 22)(5, 11, 23)(6, 36, 25)(7, 18, 27)(8, 16, 28)(9, 21, 29)(10, 19, 30)(14, 26, 32)(15, 24, 33), (1, 2)(3, 6)(4, 16)(5, 18)(7, 11)(8, 13)(9, 24)(10, 26)(12, 34)(14, 19)(15, 21)(17, 31)(20, 36)(22, 28)(23, 27)(25, 35)(29, 33)(30, 32), (1, 3)(2, 6)(4, 9)(5, 10)(7, 14)(8, 15)(11, 19)(12, 20)(13, 21)(16, 24)(17, 25)(18, 26)(22, 29)(23, 30)(27, 32)(28, 33)(31, 35)(34, 36), (1, 4, 11)(2, 7, 16)(3, 9, 19)(5, 12, 22)(6, 14, 24)(8, 17, 27)(10, 20, 29)(13, 23, 31)(15, 25, 32)(18, 28, 34)(21, 30, 35)(26, 33, 36)]) \cong C2 \times ((C3 \times C3) : C2)$   
 $N_5 = \text{Group}([(1, 23, 22)(2, 28, 27)(3, 30, 2$