The group G is isomorphic to the group labelled by [32, 19] in the Small Groups library. Ordinary character table of $G \cong QD32$:

Trivial	source	character	table	of G	\simeq	OD32	at n	0 = 2

Trivial source character table of $G \cong \mathrm{QD}32$ at $p=2$:													
Normalisers N_i	N_1	N_2	N_3	N_4	N_5	N_6	N_7	N_8	N_9	N_{10}	N_{11}	N_{12}	N_{13}
p-subgroups of G up to conjugacy in G	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}	P_{13}
Representatives $n_j \in N_i$	1a	1a	1a	1a									
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 2 \cdot \chi_5 + 2 \cdot \chi_6 + 2 \cdot \chi_7 + 2 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 2 \cdot \chi_{11}$	32	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 2 \cdot \chi_5 + 2 \cdot \chi_6 + 2 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	16	16	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11}$	16	0	2	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 2 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	8	8	0	8	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	8	8	2	0	2	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	8	8	0	0	0	2	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	0	4	0	0	4	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	2	4	2	0	0	2	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	0	4	0	2	0	0	2	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	2	2	2	2	2	0	2	2	0	2	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	2	2	0	2	0	2	2	0	2	0	2	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	2	2	0	2	0	0	2	0	0	0	0	2	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	1	1	1	1	1	1	1	1	1	1	1	1

$P_1 = Group([()]) \cong 1$

- $P_2 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong \mathbb{C}_2$
- $P_3 = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30)]) \cong \mathbb{C}_2$
- $P_4 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong C4$

- $P_7 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26,6,15,5,14)(2,8,22,30,10,21,9,20)(3,11,25,31,13,24,12,23)(7,17,29,32,19,28,18,27)]) \cong \mathbb{C}_8$
- $P_8 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(13,12)($
- $P_9 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(4,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,28,128$
- $P_{10} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31)(17,29,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31)(17,29,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31)(17,29,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31)(17,29,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31)(17,29,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31)(17,29,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(17,29,24,31), \\ (1,4,16,26)(11,23,24,31)(11,23,24,31), \\ (1,4,16,26)(11,23,24,31)(11,23,24,31), \\ (1,4,16,26)(11,23,24,31)(11,23,24,31), \\ (1,4,16,26)(11,23,24,31), \\ (1,4,16,26)(11,23,24,31), \\ (1,4,16,26)(11,2$

1a 4a 2a

-2 2

0

 $|\chi_9|$ 2 0 0 $-E(8) + E(8)^3$ 0 -2 $E(16) + E(16)^7$

 $-E(8) + E(8)^3$

 $\chi_{11} \mid 2 \quad 0 \quad 0 \quad E(8) - E(8)^3 \quad 0 \quad -2 \quad E(16)^3 + E(16)^5 \quad -E(8) + E(8)^3 \quad -E(16) - E(16)^7 \quad -E(16)^3 - E(16)^5 \quad E(16) + E(16)^7 \quad -E(16)^3 - E(16)^5 \quad E(16) + E(16)^7 \quad -E(16)^5 \quad E(16) + E(16)^7 \quad -E(16)^5 \quad E(16) + E(16)^7 \quad -E(16)^7 \quad -E$

-2 2 $E(8) - E(8)^3$

 $E(8) - E(8)^3$

 $-E(8) + E(8)^3$

 $E(8) - E(8)^3$ $E(16)^3 + E(16)^5$

 $-E(8) + E(8)^3$

 $E(8) - E(8)^3$

 $-E(16) - E(16)^7$

 $E(8) - E(8)^3$

 $-E(8) + E(8)^3$

 $E(16)^3 + E(16)^5$

 $-E(16)^3 - E(16)^5$

 $\chi_2 | 1 -1 -1$ $\chi_3 \mid 1 -1 1$

- $P_{11} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(4,41,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26,6,15,5,14)(2,9,22,30,10,21,9,20)(3,11,25,31,13,24,12,23)(7,17,29,32,19,28,18,27), \\ (1,2,6,10)(3,17,13,28)(4,20,15,30)(5,22,16,9)(7,24,19,11)(8,26,21,14)(12,32,25,27)(18,23,29,31)] \cong Q16$
- $P_{12} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26,6,15,5,14)(2,8,22,30,10,21,9,20)(3,11,25,21,23,20,13,10,21,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4,16,26,6,15,5,14)(2,8,22,30,10,21,9,20)(3,11,25,21,23)(11,24)(12,25)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,28)(17,28)(14,28)(17,28)($
- $P_{13} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,29)(24,26)(28,30), (1,2,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30), (1,2,6,10)(3,17,13,28)(4,20,15,30)(2,31,13,24,12,23)(7,17,29,32,14,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,24,26)(13,$ $N_1 = Group([(1,2,6,10)(3,17,13,28)(4,20,15,30)(5,22,16,9)(7,14,15,26)(7,19,10)(17,27,28,32),(1,5)(4,14,15,26)(7,19,10)(17,20)(18,22)(21,32)(4,26)(28,30),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(28,20,13,10,12,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(28,20,13,10,12,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(28,20,13,10,12,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(28,20,13,10,12,32)(24,26)(28,30),(1,4,16,26,6,15,5,14)(28,20,13,10,12,32)(24,26)(28,30),(1,4,16,26,6,15,14)(28,20,13,10,12,12,13,12)(24,26)(28,20,13,12,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12,13,12)(24,26)(28,20,13,12)(24,26)(28,20,13,12)(24,26)(28,20,13,12)(24,26)(28,20,13,12$
- $N_2 = Group([(1,2,6,10)(3,17,13,28)(4,20,15,30)(5,22,16,9)(7,24,19,11)(8,26,21,14)(12,32)(24,26)(28,30), (1,4,16,26,6,15,5,14)(2,2,23)(7,17,29,32,19,28,18,27), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,19)(8,21)(2,23)(1,24,12,$
- $N_4 = Group([(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,19,12)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(27,32)(17,20)(18,21)(17,20)(18$
- $N_5 = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \\ \cong D_8 = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,20)(18,22)(21,32)(24,26)(28,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(10,19)(11,14)(12,16)(15,31)(17,27,28,32)]) \\ \cong D_8 = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,27)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(12,25)(12,26)($
- $N_6 = Group([(1,2,6,10)(3,17,13,28)(4,20,15,30)(5,22,16,9)(7,24,19,11)(8,26,21,14)(12,32,25,27)(18,23,29,31),(1,5)(5,16)(7,19)(8,21)(27,32),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \\ \cong Q_8 = Q_$
- $N_8 = Group([(1,3)(2,7)(4,23)(5,25)(6,13)(8,27)(9,29)(10,19)(11,14)(12,16)(15,31)(17,27)(8,21)(17,29)(13,12)(17,29)(17,$
- $N_9 = Group([(1,2,6,10)(3,17,13,28)(4,20,15,30)(5,22,16,9)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(14,25)(14,26)(17,28)(18,28)(17,28)(18,2$
- $N_{11} = Group([(1,2,6,10)(3,17,13,28)(4,20,15,30)(5,22,16,9)(7,24,19,11)(8,26,21,14)(12,32,25,27)(18,23,29,31),(1,4,16,26,6,15,5,14)(2,8,22,30,10,21,9,20)(3,11,25,31,13,24,12,23)(7,17,29,32,19,28,18,27),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(13,24,21)(17,29,21$
- $N_{12} = Group([(1,17,15,18,16,32,14,7,6,28,4,29,5,27,26,19)(2,24,21,25,22,32,20,13,10,11,8,12,9,31,30,3), (1,4,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,18,19,29)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(14,28)(14,2$
- $N_{13} = Group([(1,2,6,10)(3,17,13,28)(4,20,15,30)(5,22,16,9)(7,24,19,11)(8,26,21,14)(12,32,25,27)(18,23,29,31),(1,3)(2,7,13,28)(4,20,15,30)(17,29,32,19,28,18,27),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,19,10)(11,14)(12,16)(15,31)(17,29,18,29)(13,12,13,25)(14,14,15,26)(17,19,12)(11,14)(12,16)(15,11)(17,19,12)(17,19,12)(11,14)(12,16)(17,19,12)(11,14)(12,16)(17,19,12)(11,14)(11,14)(12,16)(17,19,12)(11,14)(12,16)(17,19,12)(11,14)(11,$