Lens spaces: $L_{10,1}$ $L_{17,2}$ $L_{22,3}$ $L_{23,3}$ $L_{25,4}$ $L_{26,5}$ $L_{27,4}$ $L_{28,13}$ $L_{29,5}$ $L_{32,5}$ $L_{33,5}$ $L_{35,11}$ $L_{37,7}$ $L_{37,13}$ $L_{38,7}$ $L_{38,9}$ $L_{39,7}$ $L_{40,7}$ $L_{40,9}$ $L_{41,9}$ $L_{42,11}$ $L_{42,13}$ $L_{43,8}$ $L_{43,9}$ $L_{43,10}$ $L_{45,8}$ $L_{45,14}$ $L_{47,10}$ $L_{47,11}$ $L_{48,11}$ $L_{48,17}$ $L_{49,13}$ $L_{49,20}$ $L_{51,11}$ $L_{51,20}$ $L_{52,11}$ $L_{53,12}$ $L_{53,14}$ $L_{53,23}$ $L_{55,12}$ $L_{55,16}$ $L_{56,15}$ $L_{56,17}$ $L_{57,13}$ $L_{57,16}$ $L_{58,17}$ $L_{59,18}$ $L_{59,25}$ $L_{60,13}$ $L_{61,17}$ $L_{61,22}$ $L_{62,23}$ $L_{63,17}$ $L_{64,19}$ $L_{64,23}$ $L_{65,18}$ $L_{65,19}$ $L_{66,25}$ $L_{67,18}$ $L_{68,19}$ $L_{69,19}$ $L_{70,29}$ $L_{71,21}$ $L_{71,26}$ $L_{73,27}$ $L_{74,31}$ $L_{75,29}$ $L_{76,21}$ $L_{79,29}$ $L_{80,31}$ $L_{81,31}$ $L_{89,34}$

Seifert spaces over S^2:

N	fibers	b	geometry
73	$(2,1)(2,1)(2,1)$	3	elliptic
74	$(2,1)(2,1)(3,1)$	2	elliptic
75	$(2,1)(2,1)(3,2)$	2	elliptic
76	$(2,1)(2,1)(4,1)$	1	elliptic
77	$(2,1)(2,1)(4,3)$	1	elliptic
78	$(2,1)(2,1)(5,1)$	0	elliptic
79	$(2,1)(2,1)(5,2)$	1	elliptic
80	$(2,1)(2,1)(5,3)$	1	elliptic
81	$(2,1)(2,1)(5,4)$	0	elliptic
82	$(2,1)(2,1)(6,5)$	-1	elliptic
83	$(2,1)(2,1)(7,2)$	0	elliptic
84	$(2,1)(2,1)(7,3)$	0	elliptic
85	$(2,1)(2,1)(7,4)$	0	elliptic
86	$(2,1)(2,1)(7,5)$	0	elliptic
87	$(2,1)(2,1)(8,3)$	0	elliptic
88	$(2,1)(2,1)(8,5)$	0	elliptic
89	$(2,1)(2,1)(9,2)$	-1	elliptic
90	$(2,1)(2,1)(9,4)$	-1	elliptic
91	$(2,1)(2,1)(9,5)$	-1	elliptic
92	$(2,1)(2,1)(9,7)$	-1	elliptic
93	$(2,1)(2,1)(10,3)$	-1	elliptic
94	$(2,1)(2,1)(10,7)$	-1	elliptic
95	$(2,1)(2,1)(11,3)$	-1	elliptic

N	fibers	b	geometry
96	$(2,1)(2,1)(11,4)$	-1	elliptic
97	$(2,1)(2,1)(11,7)$	-1	elliptic
98	$(2,1)(2,1)(11,8)$	-1	elliptic
99	$(2,1)(2,1)(12,5)$	-1	elliptic
100	$(2,1)(2,1)(12,7)$	-1	elliptic
101	$(2,1)(2,1)(13,5)$	-1	elliptic
102	$(2,1)(2,1)(13,8)$	-1	elliptic
103	$(2,1)(3,1)(3,1)$	1	elliptic
104	$(2,1)(3,1)(3,2)$	1	elliptic
105	$(2,1)(3,1)(4,1)$	0	elliptic
106	$(2,1)(3,1)(4,3)$	0	elliptic
107	$(2,1)(3,1)(5,2)$	0	elliptic
108	$(2,1)(3,1)(5,3)$	0	elliptic
109	$(2,1)(3,1)(5,4)$	-1	elliptic
110	$(2,1)(3,1)(7,2)$	-1	SL_2
111	$(2,1)(3,1)(7,3)$	-1	SL_2
112	$(2,1)(3,1)(7,4)$	-1	SL_2
113	$(2,1)(3,1)(7,5)$	-1	SL_2
114	$(2,1)(3,1)(8,3)$	-1	SL_2
115	$(2,1)(3,1)(8,5)$	-1	SL_2
116	$(2,1)(3,2)(3,2)$	1	elliptic
117	$(2,1)(3,2)(4,1)$	0	elliptic
118	$(2,1)(3,2)(4,3)$	0	elliptic
119	$(2,1)(3,2)(5,1)$	-1	elliptic
120	$(2,1)(3,2)(5,2)$	0	elliptic
121	$(2,1)(3,2)(5,3)$	0	elliptic
122	$(2,1)(3,2)(5,4)$	-1	elliptic
123	$(2,1)(3,2)(7,2)$	-1	SL_2
124	$(2,1)(3,2)(7,3)$	-1	SL_2
125	$(2,1)(3,2)(7,4)$	-1	SL_2
126	$(2,1)(3,2)(7,5)$	-1	SL_2

N	fibers	b	geometry
127	$(2,1)(3,2)(8,3)$	-1	SL_2
128	$(2,1)(3,2)(8,5)$	-1	SL_2
129	$(2,1)(4,1)(4,3)$	-1	Nil
130	$(2,1)(4,1)(5,2)$	-1	SL_2
131	$(2,1)(4,1)(5,3)$	-1	SL_2
132	$(2,1)(4,3)(4,3)$	-1	Nil
133	$(2,1)(4,3)(5,2)$	-1	SL_2
134	$(2,1)(4,3)(5,3)$	-1	SL_2
135	$(2,1)(5,2)(5,2)$	-1	SL_2
136	$(2,1)(5,2)(5,3)$	-1	SL_2
137	$(2,1)(5,3)(5,3)$	-1	SL_2
138	$(3,1)(3,1)(3,1)$	0	Nil
139	$(3,1)(3,1)(3,2)$	0	Nil
140	$(3,1)(3,1)(4,1)$	-1	SL_2
141	$(3,1)(3,1)(4,3)$	-1	SL_2
142	$(3,1)(3,1)(5,2)$	-1	SL_2
143	$(3,1)(3,1)(5,3)$	-1	SL_2
144	$(3,1)(3,2)(3,2)$	0	Nil
145	$(3,1)(3,2)(4,1)$	-1	SL_2
146	$(3,1)(3,2)(4,3)$	-1	SL_2
147	$(3,1)(3,2)(5,2)$	-1	SL_2
148	$(3,1)(3,2)(5,3)$	-1	SL_2
149	$(3,2)(3,2)(3,2)$	0	Nil
150	$(3,2)(3,2)(4,1)$	-1	SL_2
151	$(3,2)(3,2)(4,3)$	-1	SL_2
152	$(3,2)(3,2)(5,2)$	-1	SL_2
153	$(3,2)(3,2)(5,3)$	-1	SL_2
154	$(2,1)(2,1)(2,1)(2,1)$	0	Nil
155	$(2,1)(2,1)(2,1)(3,1)$	-2	SL_2
156	$(2,1)(2,1)(2,1)(3,1)$	-1	SL_2
157	$(2,1)(2,1)(2,1)(3,2)$	-1	SL_2

Seifert spaces over $\mathbb{P}^2$:

N	fibers	b	geometry
158	$(2,1)(2,1)$	1	Nil
159	$(2,1)(3,1)$	-1	SL_2
160	$(2,1)(3,1)$	0	SL_2
161	$(2,1)(3,2)$	0	SL_2

Seifert spaces over the Klein bottle:

N	fibers	b	geometry
162		2	Nil

Seifert spaces over the torus:

N	fibers	b	geometry
163		2	Nil

$C_{i,j}$ **(Seifert with base space S^2):**

N	fibers	b	geometry
164	$(2,1)(4,1)(5,1)$	-1	SL_2
165	$(2,1)(2,1)(7,1)$	-1	elliptic

E_k **(Seifert with base space S^2):**

N	fibers	b	geometry
166	$(2,1)(3,1)(7,1)$	-1	SL_2

Sol:

$$167: \ T\begin{pmatrix} 3 & -1 \\ 1 & 0 \end{pmatrix}, \quad 168: \ T\begin{pmatrix} -3 & 1 \\ -1 & 0 \end{pmatrix}$$

N	fibers over D	matrix	fibers over D
169	$(2,1)(2,1)$	$\begin{pmatrix} 1 & 2 \\ -1 & -1 \end{pmatrix}$	$(2,1)(2,1)$
170	$(2,1)(2,1)$	$\begin{pmatrix} 1 & -1 \\ -1 & 0 \end{pmatrix}$	$(2,1)(2,1)$
171	$(2,1)(2,1)$	$\begin{pmatrix} 0 & 1 \\ -1 & 0 \end{pmatrix}$	$(2,1)(2,1)$

Non-geometric graph manifolds:

N	fibers over D	matrix	fibers over D
172	$(2,1)(2,1)$	$\begin{pmatrix} 0 & 1 \\ -1 & -1 \end{pmatrix}$	$(2,1)(3,1)$
173	$(2,1)(2,1)$	$\begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix}$	$(2,1)(3,1)$
174	$(2,1)(2,1)$	$\begin{pmatrix} 0 & 1 \\ -1 & -1 \end{pmatrix}$	$(2,1)(3,2)$
175	$(2,1)(2,1)$	$\begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix}$	$(2,1)(3,2)$

Summarizing table:

lens	72
elliptic	45
flat	0
Nil	10
$\mathbb{H}^2 \times S^1$	0
SL_2	39
Sol	5
other graph	4
hyperbolic	0
total	175