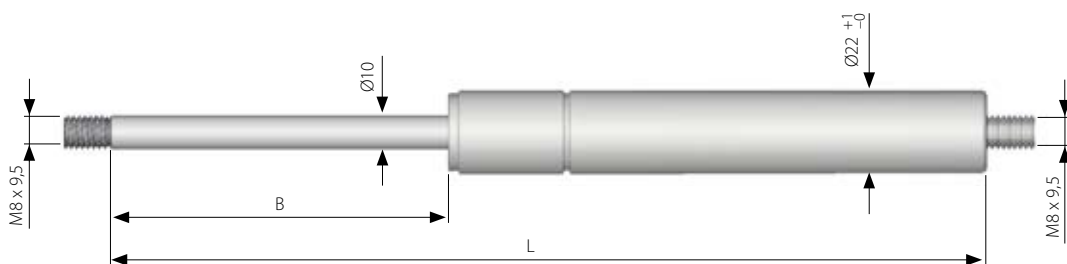


GAS SPRINGS

TYPE 22-10 ES



Conventional stainless steel gas spring, extension speed ~ 0.3 m/s

All dimensions are in mm

L = Length +/- 2

B = Stroke

F1 = Spring force in Newtons

Force range: 200 - 1200 Newtons

Material: AISI 316L (E No. 1.4404 / E No. 1.4435)

End fittings, see pages 189–190.

1 kp = 9.80665 Newtons, 1 Newton = 0.10197 kp

| L | B | F1 | Cat. no. |
|-----|-----|------|----------|
| 248 | 100 | 200 | S1066 |
| 248 | 100 | 300 | S1067 |
| 248 | 100 | 400 | S1068 |
| 248 | 100 | 500 | S1069 |
| 248 | 100 | 600 | S1070 |
| 248 | 100 | 700 | S1071 |
| 248 | 100 | 850 | S1072 |
| 248 | 100 | 1000 | S1073 |
| 248 | 100 | 1200 | S1074 |
| 348 | 150 | 200 | S1075 |
| 348 | 150 | 300 | S1076 |
| 348 | 150 | 400 | S1077 |
| 348 | 150 | 500 | S1078 |
| 348 | 150 | 600 | S1079 |
| 348 | 150 | 700 | S1080 |
| 348 | 150 | 850 | S1081 |
| 348 | 150 | 1000 | S1082 |
| 348 | 150 | 1200 | S1083 |
| 448 | 200 | 200 | S1084 |
| 448 | 200 | 300 | S1085 |
| 448 | 200 | 400 | S1086 |
| 448 | 200 | 500 | S1087 |
| 448 | 200 | 600 | S1088 |
| 448 | 200 | 700 | S1089 |
| 448 | 200 | 850 | S1090 |
| 448 | 200 | 1000 | S1091 |
| 448 | 200 | 1200 | S1092 |
| 548 | 250 | 200 | S1093 |
| 548 | 250 | 300 | S1094 |
| 548 | 250 | 400 | S1095 |
| 548 | 250 | 500 | S1096 |
| 548 | 250 | 600 | S1097 |
| 548 | 250 | 700 | S1098 |
| 548 | 250 | 850 | S1099 |
| 548 | 250 | 1000 | S1100 |
| 548 | 250 | 1200 | S1101 |

| L | B | F1 | Cat. no. |
|-----|-----|------|----------|
| 648 | 300 | 200 | S1102 |
| 648 | 300 | 300 | S1103 |
| 648 | 300 | 400 | S1104 |
| 648 | 300 | 500 | S1105 |
| 648 | 300 | 600 | S1106 |
| 648 | 300 | 700 | S1107 |
| 648 | 300 | 850 | S1108 |
| 648 | 300 | 1000 | S1109 |
| 648 | 300 | 1200 | S1110 |
| 748 | 350 | 200 | S1111 |
| 748 | 350 | 300 | S1112 |
| 748 | 350 | 400 | S1113 |
| 748 | 350 | 500 | S1114 |
| 748 | 350 | 600 | S1115 |
| 748 | 350 | 700 | S1116 |
| 748 | 350 | 850 | S1117 |
| 748 | 350 | 1000 | S1118 |
| 748 | 350 | 1200 | S1119 |
| 848 | 400 | 200 | S1120 |
| 848 | 400 | 300 | S1121 |
| 848 | 400 | 400 | S1122 |
| 848 | 400 | 500 | S1123 |
| 848 | 400 | 600 | S1124 |
| 848 | 400 | 700 | S1125 |
| 848 | 400 | 850 | S1126 |
| 848 | 400 | 1000 | S1127 |
| 848 | 400 | 1200 | S1128 |