|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample |  | Observations |  |  | X-Bar | STDEV.P |  |  |  |  |  |  |  |  |
| 1 | 23 | 21 | 34 | 22 | 25 | 4.690416 |  | X2-Bar | 27.54167 |  | UCLx | CLx | LCLx |  |
| 2 | 28 | 13 | 25 | 30 | 24 | 5.899152 |  | STD2 | 2.692753 |  | 32.60404 | 27.54167 | 22.47929 |  |
| 3 | 19 | 42 | 20 | 26 | 26.75 | 8.231039 |  | A1 | 1.88 |  |  |  |  |  |
| 4 | 38 | 19 | 27 | 22 | 26.5 | 6.465292 |  | B4 | 2.256 |  | UCL | CL | LCL |  |
| 5 | 49 | 32 | 13 | 8 | 25.5 | 14.5396 |  | B3 | 0 |  | 6.074851 | 2.692753 | 0 |  |
| 6 | 3 | 28 | 26 | 20 | 19.25 | 8.794885 |  |  |  |  |  |  |  |  |
| 7 | 28 | 20 | 16 | 10 | 18.5 | 5.848077 |  |  |  |  |  |  |  |  |
| 8 | 33 | 46 | 18 | 45 | 35.5 | 10.12917 |  |  |  |  |  |  |  |  |
| 9 | 18 | 32 | 13 | 40 | 25.75 | 9.641058 |  |  |  |  |  |  |  |  |
| 10 | 20 | 48 | 43 | 39 | 37.5 | 9.476286 |  |  |  |  |  |  |  |  |
| 11 | 32 | 20 | 34 | 42 | 32 | 7.042727 |  |  |  |  |  |  |  |  |
| 12 | 30 | 46 | 30 | 31 | 34.25 | 6.078651 |  |  |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| X-Bar |  |  |
| UCLx | CLx | LCLx |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |
| 32.60404 | 27.54167 | 22.47929 |

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| --- | --- | --- |
|  |  |  |
| SD-Chart |  |  |
| UCL | CL | LCL |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |
| 6.074851 | 2.692753 | 0 |