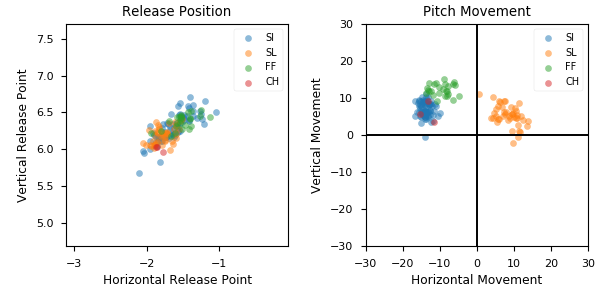
**Arsenal Report for Brusdar Graterol**  
2019-3-20 to 2019-9-30



**Aresenal**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Pitch Type | % Thrown | Velocity (mph) | Spin Rate (rpm) | Horizontal Break (in) | Vertical Break (in) | xwOBA | wOBA | SwStr% |
| SI | 49.3 | 99.0 | 2003.0 | -13.9 | 7.0 | 0.171 | 0.125 | 8.5 |
| SL | 30.6 | 88.3 | 2408.0 | 8.4 | 5.3 | 0.514 | 0.465 | 15.9 |
| FF | 18.1 | 98.8 | 2098.0 | -9.6 | 12.3 | 0.311 | 0.386 | 0.0 |
| CH | 2.1 | 90.8 | 1674.0 | -13.4 | 6.2 | 0.817 | 1.0 | 0.0 |