

STATEMENT ON ACCURACY OF KOLVER KDS SERIES TORQUE SCREWDRIVERS

Kolver's KDS torque drivers are sold with a calibration certificate demonstrating "Class A" torque scatter performance within the torque ranges specified in the table below, in accordance with ISO 5393.

"Class A" is defined by a torque scatter as a % of the torque value, of $\leq 5\%$. The calibration is performed on a low torque rate joint.

Model - variants	Class A minimum torque, Nm	Class A maximum torque, Nm
<i>KDS-NT70 – CA, /HM, CA/HM</i>	0.15	0.70
<i>KDS-NT120 – CA, /HM, CA/HM</i>	0.20	1.20
<i>KDS-MT1.5 - /ESD, /P, /P/U, /PS, CA, CA/FN, /LED, /ANG</i>	0.3	1.5
<i>KDS-PL3 - /ESD, /P, /P/U, /PS, CA, CA/FN, /LED, /ANG</i>	0.6	3.0
<i>KDS-PL6 - /ESD, /P, /P/U, /PS, CA, CA/FN, /LED</i>	1.2	6.0
<i>KDS-PL6/ANG - CA</i>	1.2	5.5
<i>KDS-PL10 - /ESD, /P, /P/U, /PS, CA, CA/FN, /LED, /ANG, CA/ANG</i>	2.0	9.0
<i>KDS-PL15 - /ESD, /P, /P/U, /PS, CA, CA/FN, /LED</i>	3.0	15
<i>KDS-PL15/ANG/1-4 - CA</i>	3.0	12
<i>KDS-PL15/ANG/3-8 - CA</i>	3.0	14
<i>KDS-PL20 - CA, CA/FN, /ANG, CA/ANG</i>	4.0	20
<i>KDS-PL30ANG - CA</i>	6.0	30
<i>KDS-PL35 - CA, CA/FN</i>	7.0	35
<i>KDS-PL45ANG - CA</i>	9.0	40.5
<i>KDS-PL50 - CA, CA/FN</i>	10	50
<i>KDS-PL70ANG - CA</i>	14	70

The torque scatter performance is expected to gradually deteriorate as the target torque is decreased further below the minimum specified in the table above.

To achieve "Class A" performance on any given application, it may be necessary to optimize the tightening program parameters on the KDU controller according to the user manual, or with the free assistance of one of Kolver's application specialists.