



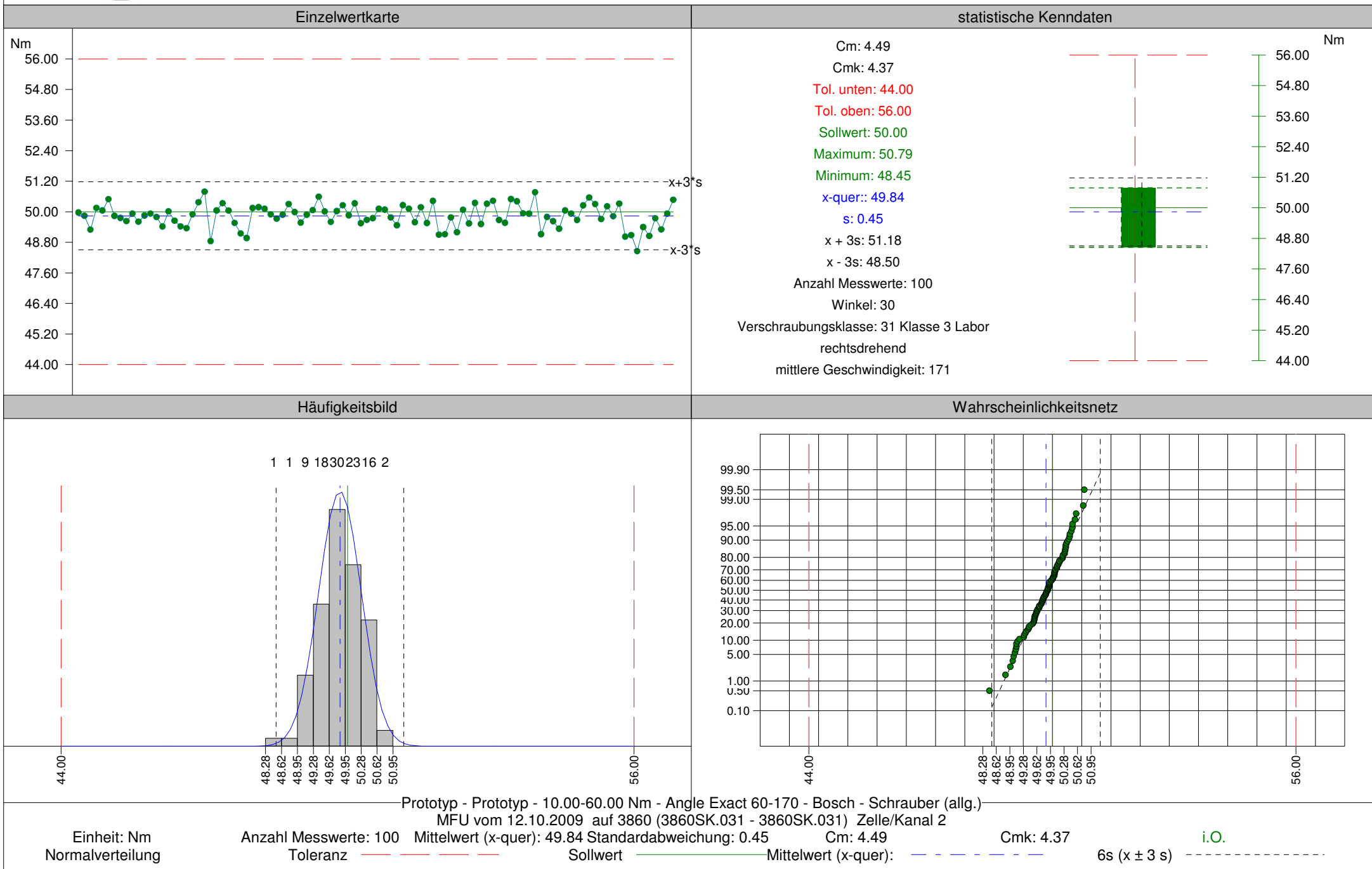
# Prototyp - Prototyp - 10.00-60.00 Nm - Angle Exact 60-170 - Bosch - Schrauber (allg.)

BMW AG  
TP-521

MFU vom 12.10.2009

Artmann  
Tel. 08731-76-31002

Gedruckt am:  
01.12.2009 11:54:21  
Seite 1/2





## Prototyp - Prototyp - 10.00-60.00 Nm - Angle Exact 60-170 - Bosch - Schrauber (allg.)

BMW AG  
TP-521

MFU vom 12.10.2009

Artmann  
08731-76-31002Gedruckt am:  
01.12.2009 11:54:21  
Seite 2/2

## Einzelwerte

1. 49.97 Nm (30.00°)	21. 50.37 Nm (31.00°)	41. 50.59 Nm (30.00°)	61. 49.10 Nm (29.00°)	81. 49.33 Nm (29.00°)
2. 49.84 Nm (30.00°)	22. 50.79 Nm (32.00°)	42. 50.01 Nm (31.00°)	62. 49.11 Nm (29.00°)	82. 50.05 Nm (30.00°)
3. 49.30 Nm (30.00°)	23. 48.84 Nm (29.00°)	43. 49.60 Nm (30.00°)	63. 49.77 Nm (30.00°)	83. 49.92 Nm (30.00°)
4. 50.15 Nm (32.00°)	24. 50.05 Nm (30.00°)	44. 50.02 Nm (30.00°)	64. 49.19 Nm (29.00°)	84. 49.68 Nm (30.00°)
5. 50.05 Nm (31.00°)	25. 50.33 Nm (31.00°)	45. 50.25 Nm (32.00°)	65. 50.07 Nm (31.00°)	85. 50.25 Nm (31.00°)
6. 50.49 Nm (30.00°)	26. 50.04 Nm (29.00°)	46. 49.86 Nm (29.00°)	66. 49.54 Nm (28.00°)	86. 50.56 Nm (30.00°)
7. 49.83 Nm (29.00°)	27. 49.56 Nm (29.00°)	47. 50.33 Nm (30.00°)	67. 50.34 Nm (30.00°)	87. 50.30 Nm (29.00°)
8. 49.75 Nm (30.00°)	28. 49.15 Nm (29.00°)	48. 49.55 Nm (29.00°)	68. 49.52 Nm (29.00°)	88. 49.71 Nm (28.00°)
9. 49.63 Nm (30.00°)	29. 48.96 Nm (28.00°)	49. 49.68 Nm (29.00°)	69. 50.31 Nm (29.00°)	89. 50.21 Nm (29.00°)
10. 49.92 Nm (30.00°)	30. 50.15 Nm (30.00°)	50. 49.75 Nm (29.00°)	70. 50.43 Nm (30.00°)	90. 49.82 Nm (29.00°)
11. 49.61 Nm (30.00°)	31. 50.18 Nm (30.00°)	51. 50.11 Nm (30.00°)	71. 49.67 Nm (29.00°)	91. 50.32 Nm (29.00°)
12. 49.85 Nm (30.00°)	32. 50.11 Nm (30.00°)	52. 50.08 Nm (31.00°)	72. 49.56 Nm (30.00°)	92. 49.02 Nm (28.00°)
13. 49.92 Nm (30.00°)	33. 49.90 Nm (30.00°)	53. 49.77 Nm (30.00°)	73. 50.50 Nm (30.00°)	93. 49.08 Nm (28.00°)
14. 49.79 Nm (30.00°)	34. 49.73 Nm (31.00°)	54. 49.47 Nm (29.00°)	74. 50.41 Nm (31.00°)	94. 48.45 Nm (28.00°)
15. 49.42 Nm (30.00°)	35. 49.88 Nm (31.00°)	55. 50.26 Nm (31.00°)	75. 49.93 Nm (30.00°)	95. 49.40 Nm (30.00°)
16. 50.01 Nm (29.00°)	36. 50.30 Nm (29.00°)	56. 50.12 Nm (29.00°)	76. 49.92 Nm (29.00°)	96. 49.05 Nm (28.00°)
17. 49.64 Nm (29.00°)	37. 49.99 Nm (29.00°)	57. 49.59 Nm (28.00°)	77. 50.76 Nm (30.00°)	97. 49.74 Nm (28.00°)
18. 49.42 Nm (29.00°)	38. 49.57 Nm (29.00°)	58. 50.17 Nm (30.00°)	78. 49.11 Nm (28.00°)	98. 49.30 Nm (29.00°)
19. 49.35 Nm (29.00°)	39. 49.88 Nm (30.00°)	59. 49.55 Nm (29.00°)	79. 49.79 Nm (29.00°)	99. 49.92 Nm (29.00°)
20. 49.89 Nm (30.00°)	40. 50.06 Nm (30.00°)	60. 50.42 Nm (30.00°)	80. 49.62 Nm (29.00°)	100. 50.47 Nm (30.00°)

Prototyp - Prototyp - 10.00-60.00 Nm - Angle Exact 60-170 - Bosch - Schrauber (allg.)

MFU vom 12.10.2009 auf 3860 (3860SK.031 - 3860SK.031) Zelle/Kanal 2

Einheit: Nm  
NormalverteilungAnzahl Messwerte: 100  
ToleranzMittelwert (x-quer): 49.84  
Standardabweichung: 0.45  
Sollwert

Cm: 4.49

Cmk: 4.37

i.O.

Mittelwert (x-quer):

6s (x ± 3 s)

# Kurvengrafik

Drehm.

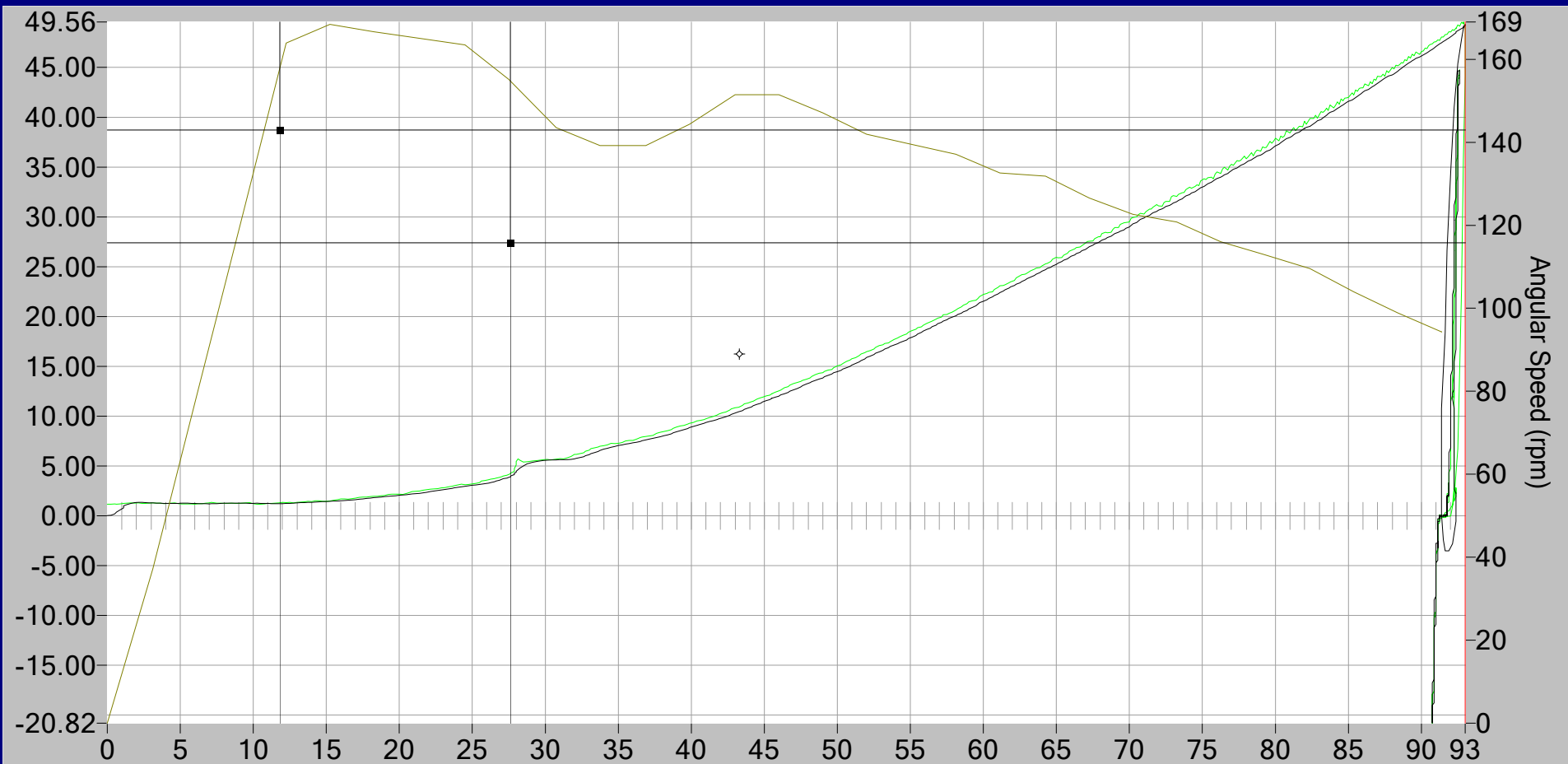
49.30

Winkel

29

Freq.

4000



Grenzfreq. 300 Hz

°: 43.297, Nm: 16.23

Drehm.-Zeit



Drehm.-Winkel

View Speed

☒ On/Off

Zoom

Drehm.



Geschwind.

Zoom

Restore

Laden

Speichern

Filter

Drucken

Ende

# Kurvengrafik

Drehm.

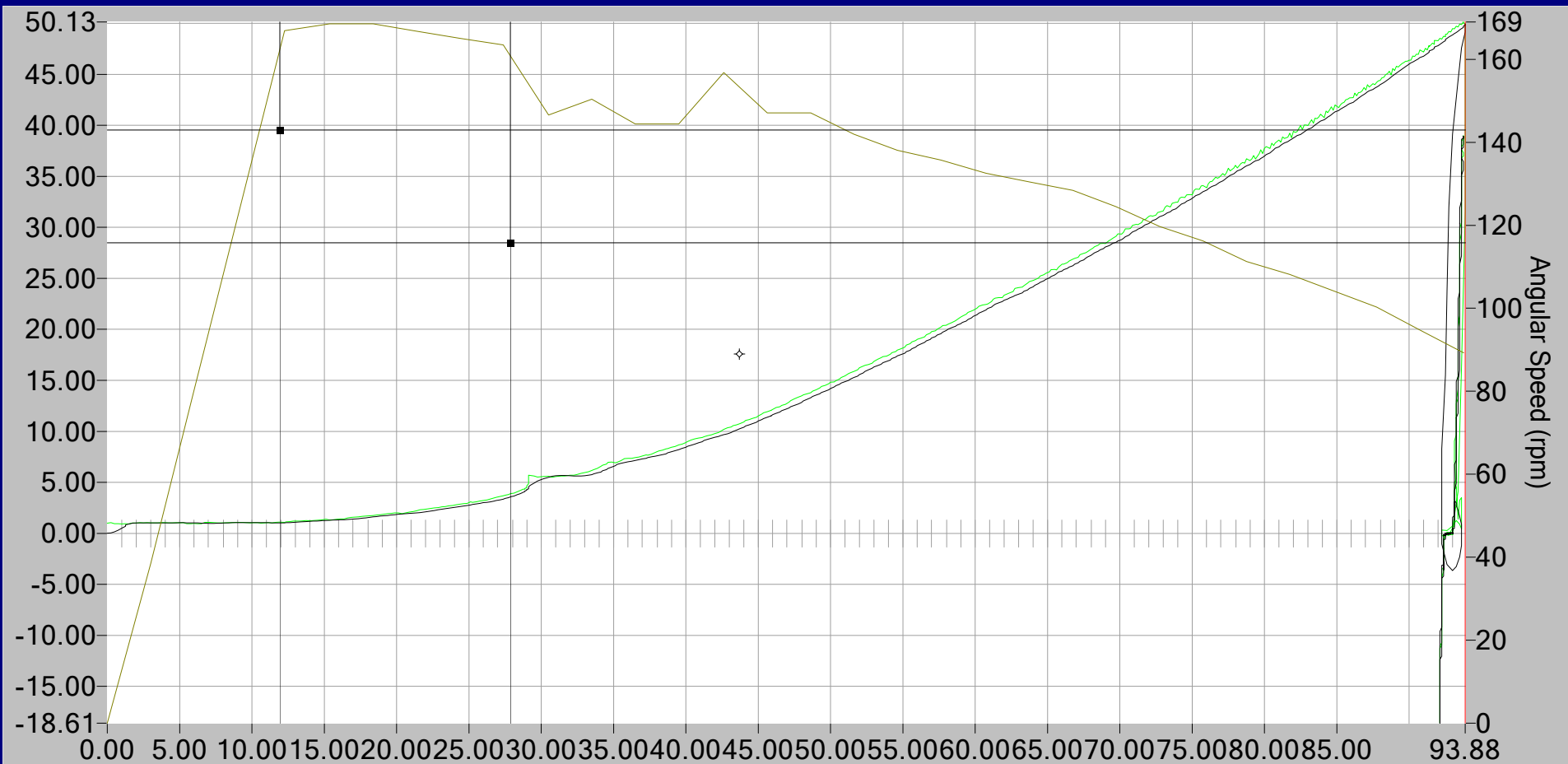
49.92

Winkel

29

Freq.

4000



Grenzfreq. 300 Hz

°: 43.704, Nm: 17.58

Drehm.-Zeit



Drehm.-Winkel

View Speed

☒ On/Off

Zoom

Drehm.

Geschwind.

Zoom

Restore

Laden

Speichern

Filter

Drucken

Ende