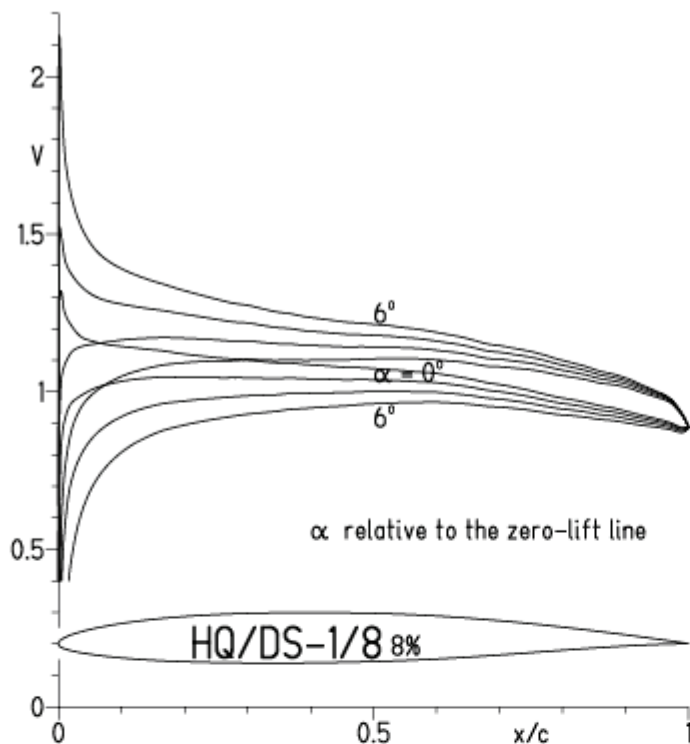


# HQ/DS-1/8-Polaren, N=11

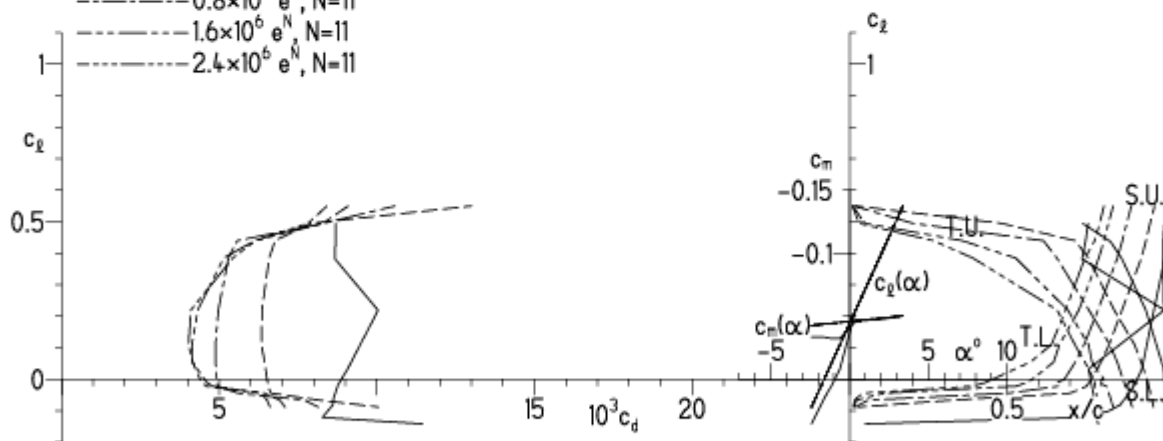
EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:43



EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:43

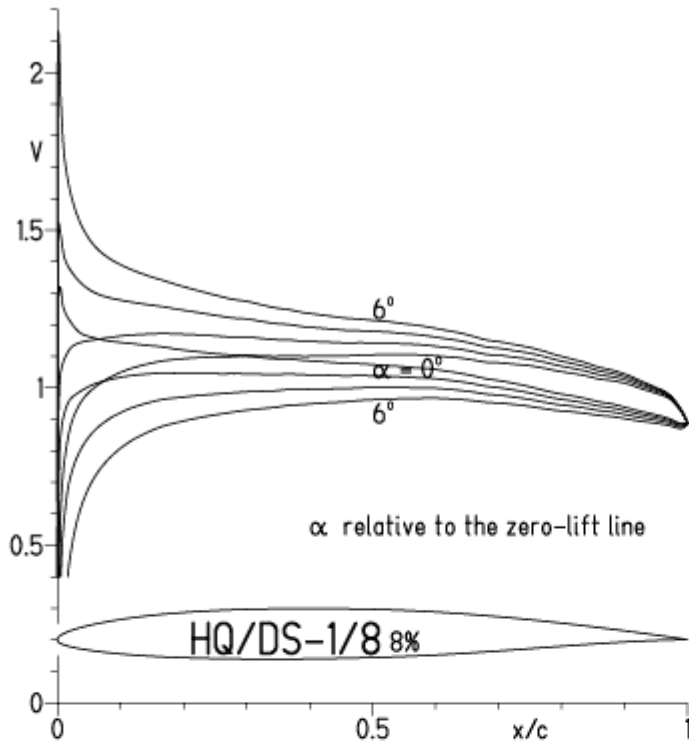
## HQ/DS-1/8 8%

- $Re = 0.2 \times 10^6 e^N, N=11$
- - -  $0.4 \times 10^6 e^N, N=11$
- · -  $0.8 \times 10^6 e^N, N=11$
- · - ·  $1.6 \times 10^6 e^N, N=11$
- · - · -  $2.4 \times 10^6 e^N, N=11$



# HQ/DS-1/8-Polaren, N=9

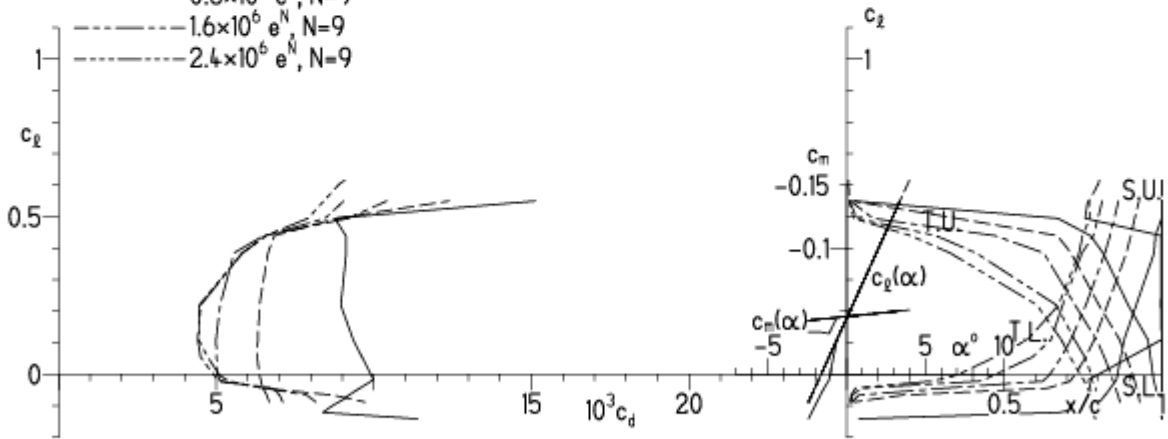
EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:45



EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:45

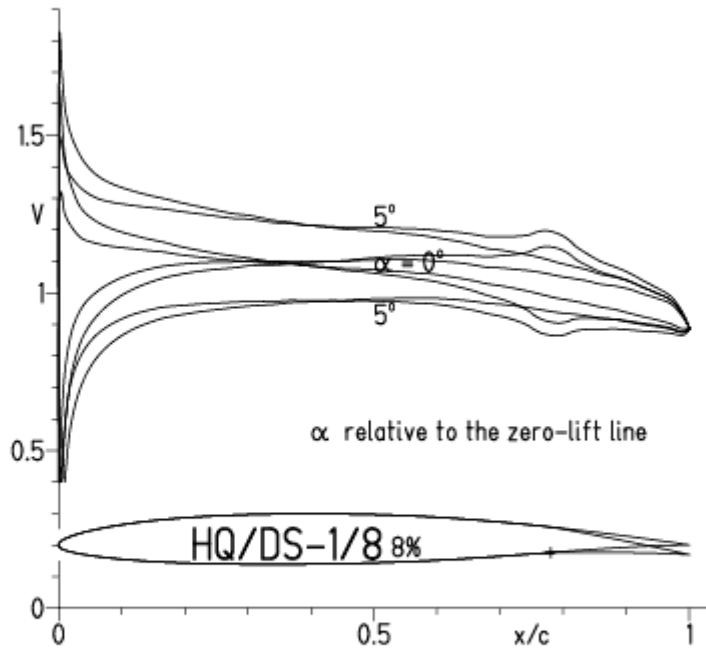
## HQ/DS-1/8 8%

- $Re = 0.2 \times 10^6 e^N, N=9$
- - -  $0.4 \times 10^6 e^N, N=9$
- · -  $0.8 \times 10^6 e^N, N=9$
- · · -  $1.6 \times 10^6 e^N, N=9$
- · · · -  $2.4 \times 10^6 e^N, N=9$

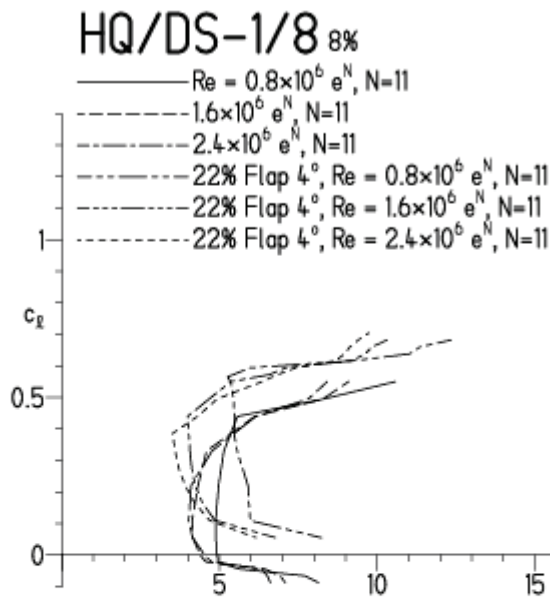


# HQ/DS-1/8-Polaren, N=11, mit 4° Wölbklappenausschlag

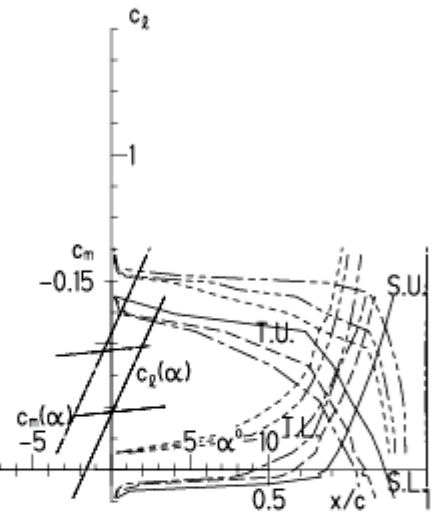
EPPLER 2005 V. 8.5.07 RUN 22.3.12 10:38



EPPLER 2005 V. 8.5.07 RUN 22.3.12 1

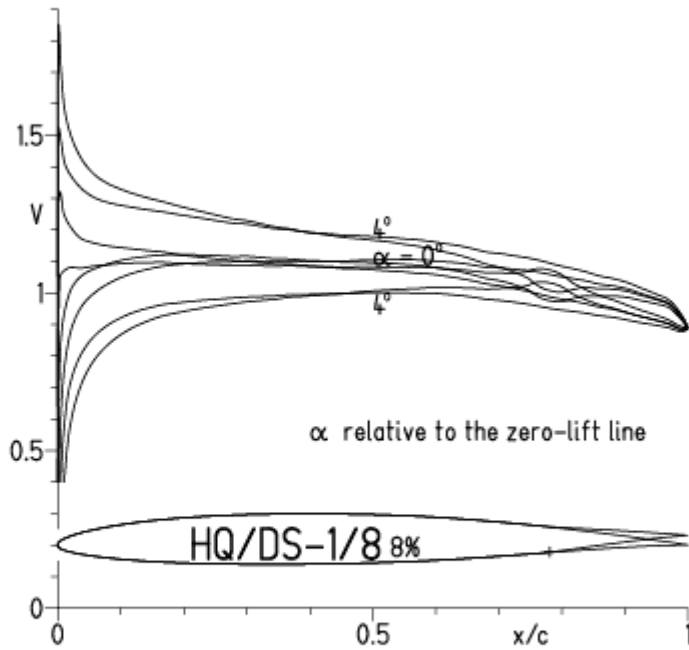


- T. boundary layer transition
- S. boundary layer separation
- U. upper surface
- L. lower surface

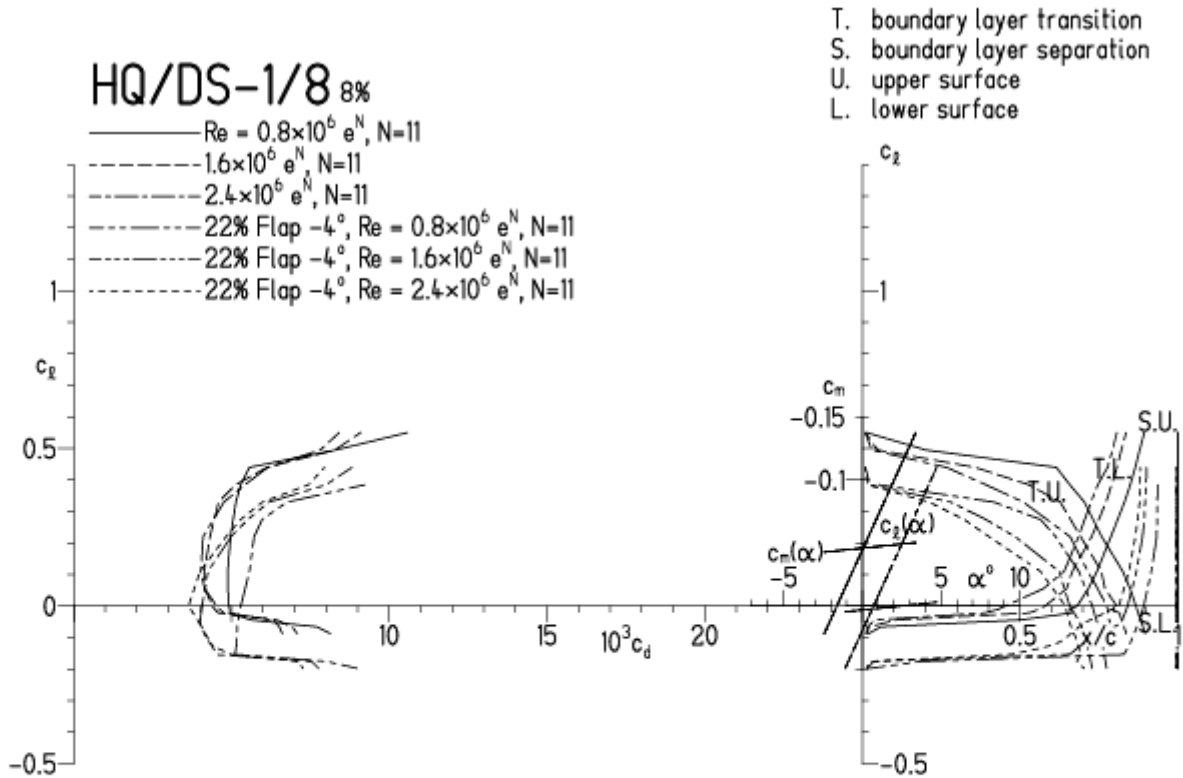


# HQ/DS-1/8-Polaren, N=11, mit -4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 22.3.12 10:43

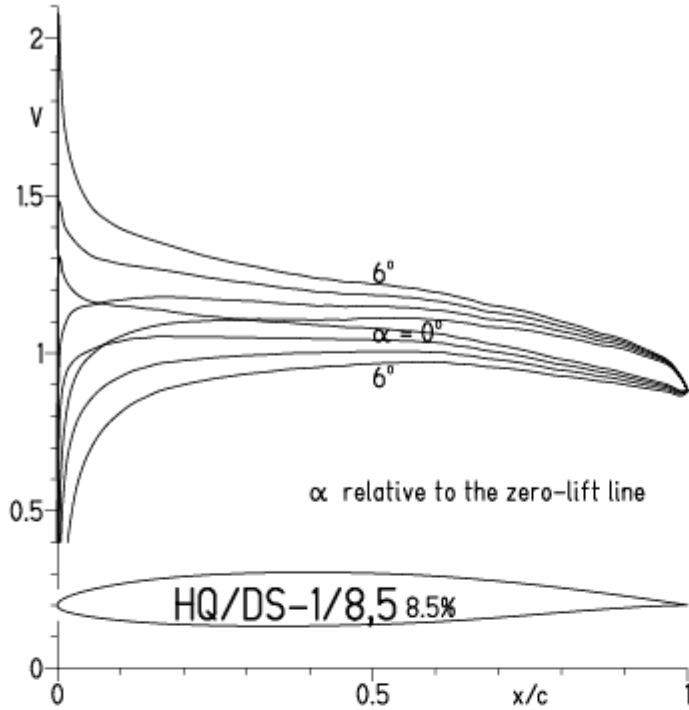


EPPLER 2005 V. 8.5.07 RUN 22.3.12 10:43

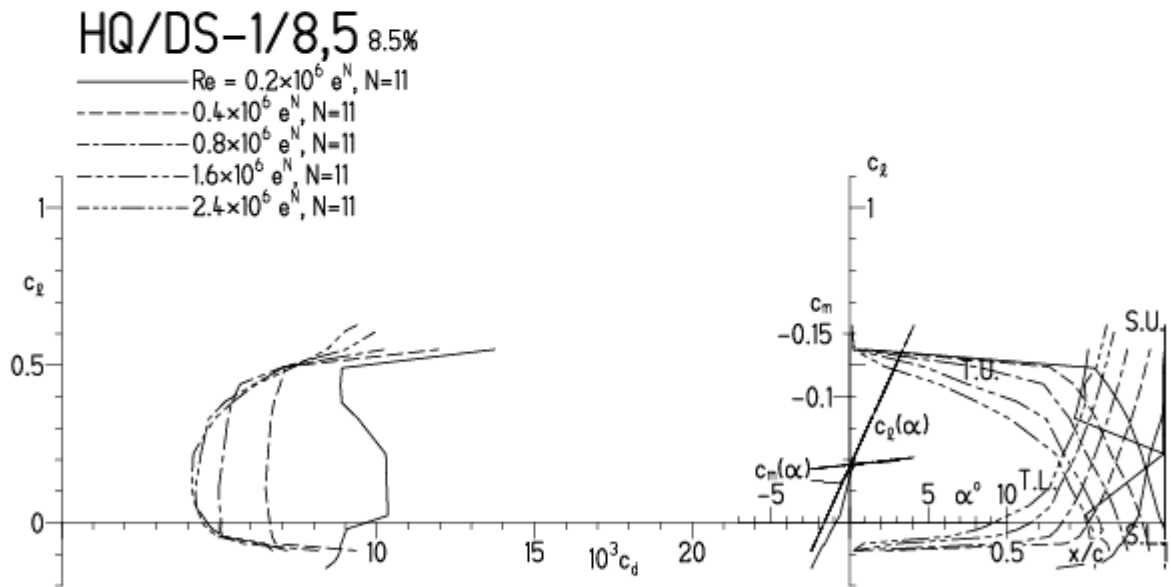


# HQ/DS-1/8,5-Polaren, N=11

EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:54

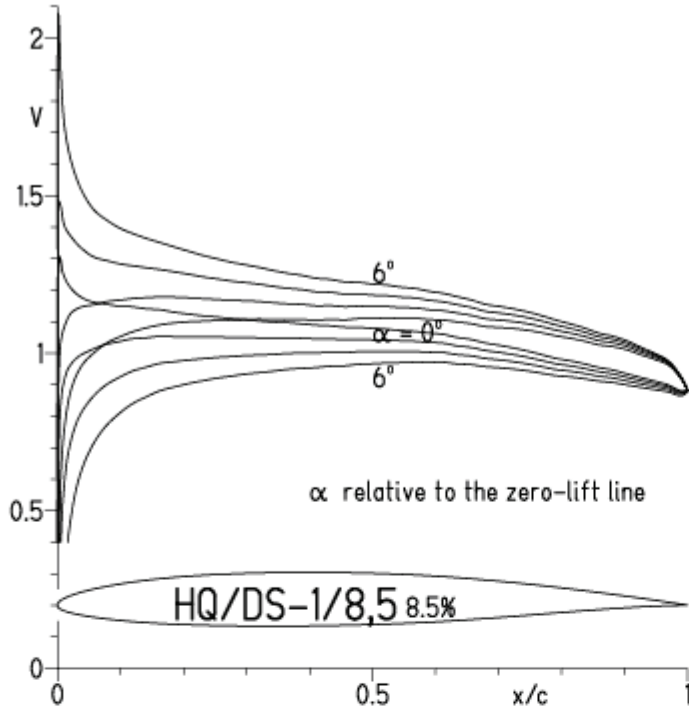


EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:54



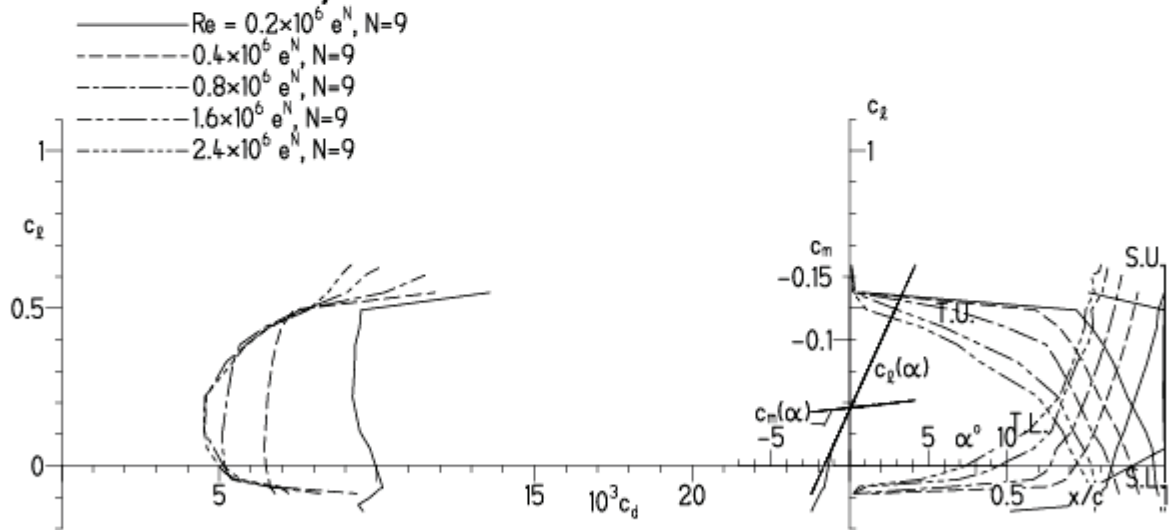
# HQ/DS-1/8,5-Polaren, N=9

EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:52



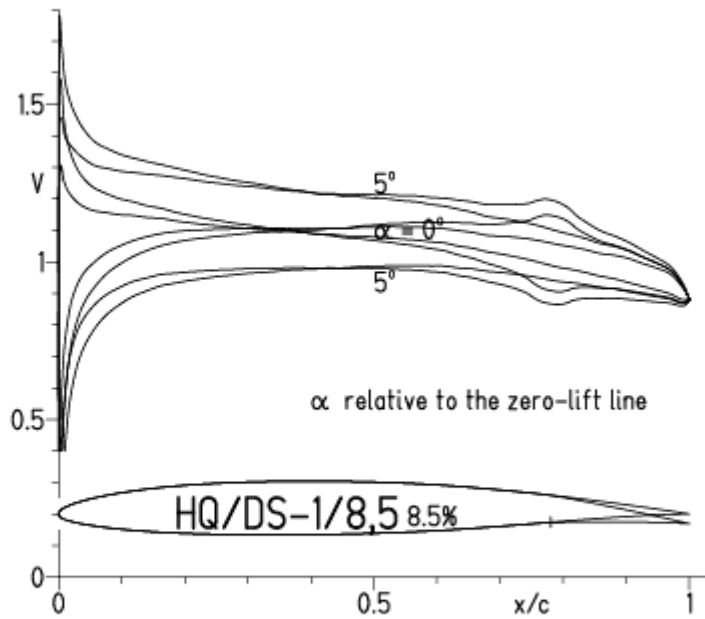
EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:52

## HQ/DS-1/8,5 8.5%

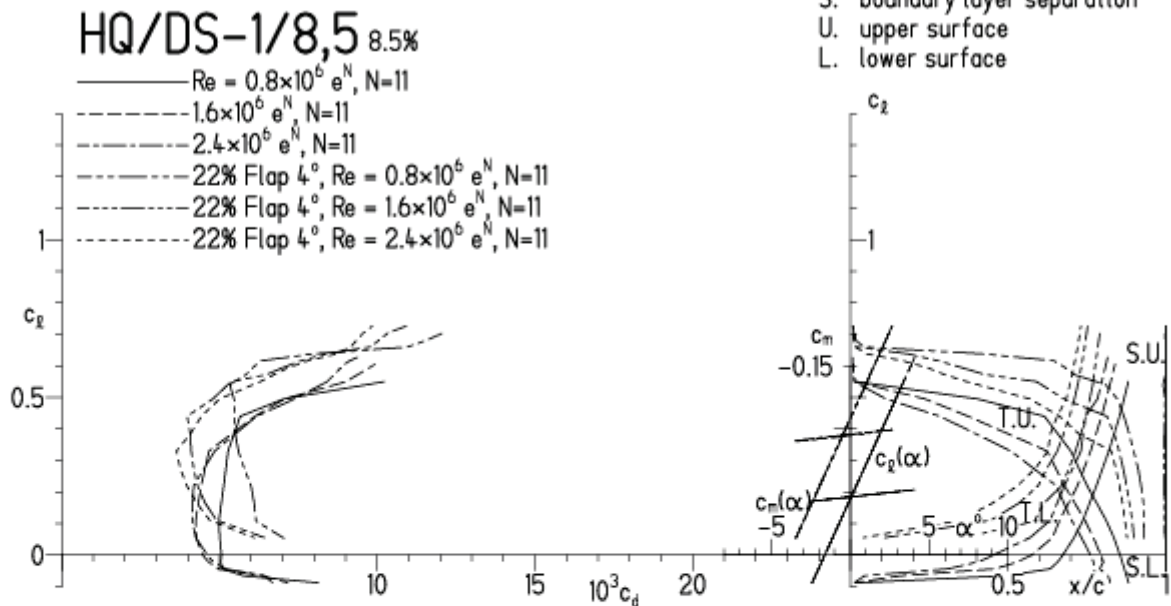


# HQ/DS-1/8,5-Polaren, N=11, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 22.3.12 10:47

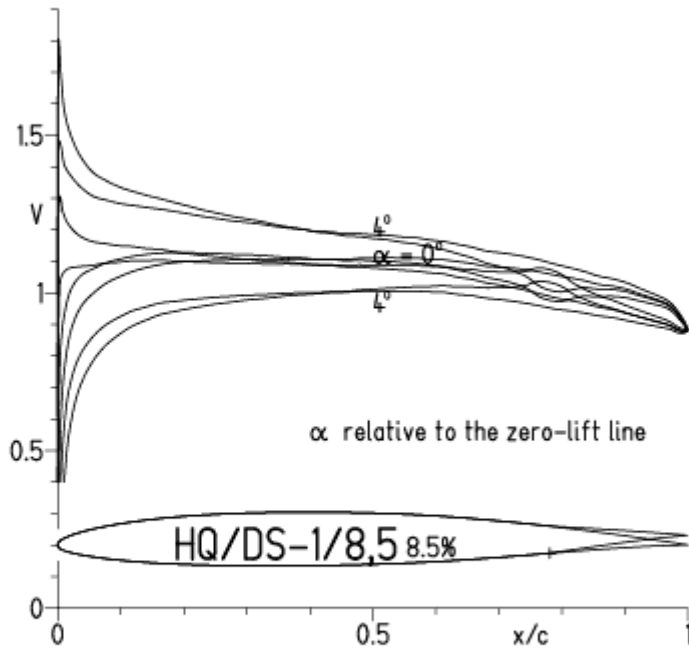


EPPLER 2005 V. 8.5.07 RUN 22.3.12 10:47

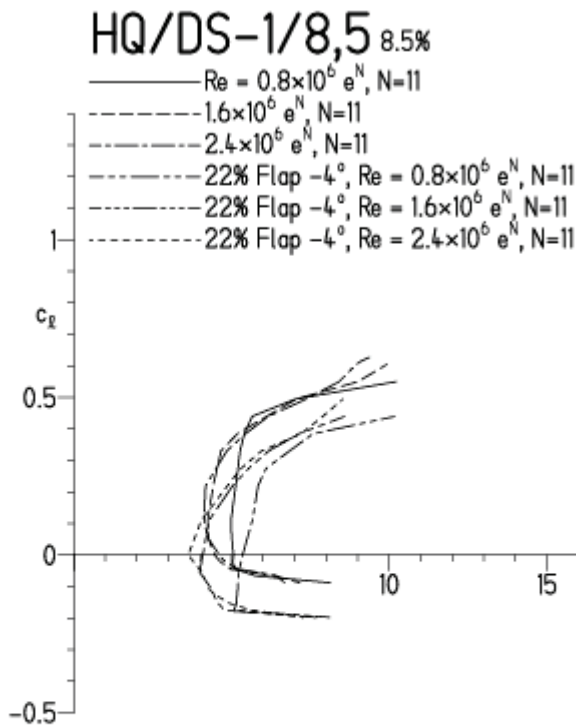


# HQ/DS-1/8,5-Polaren, N=11, mit -4° Wölbklappenausschlag

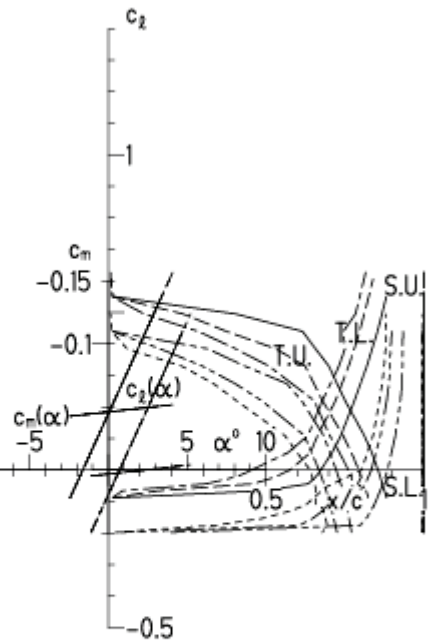
EPPLER 2005 V. 8.5.07 RUN 22.3.12 10:52



EPPLER 2005 V. 8.5.07 RUN 22.3.12 10:52



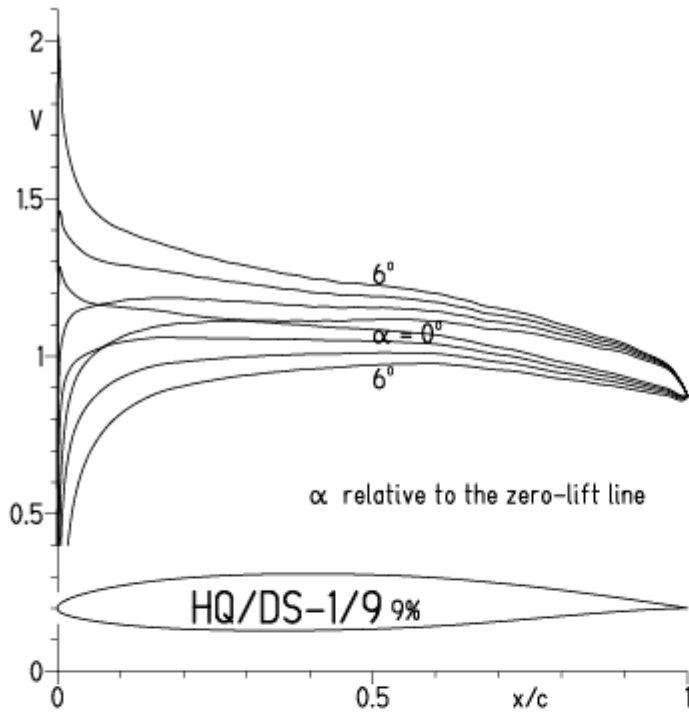
- T. boundary layer transition
- S. boundary layer separation
- U. upper surface
- L. lower surface





HQ/DS-1/9-Polaren, N=11

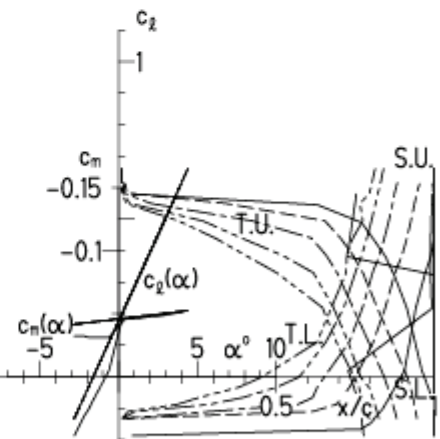
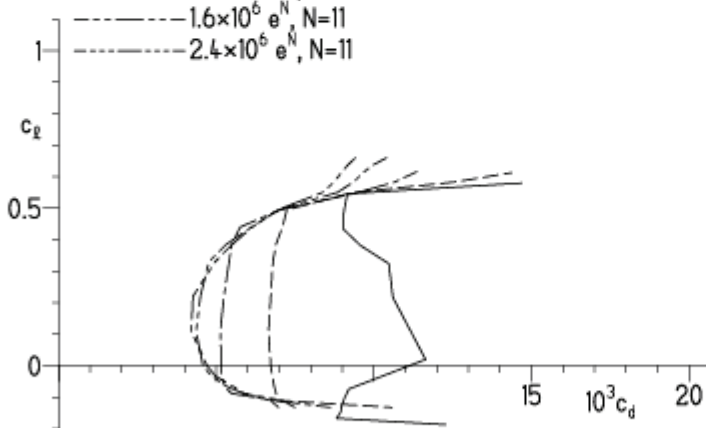
EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:37



EPPLER 2005 V. 8.5.07 RUN 15.10.10 1

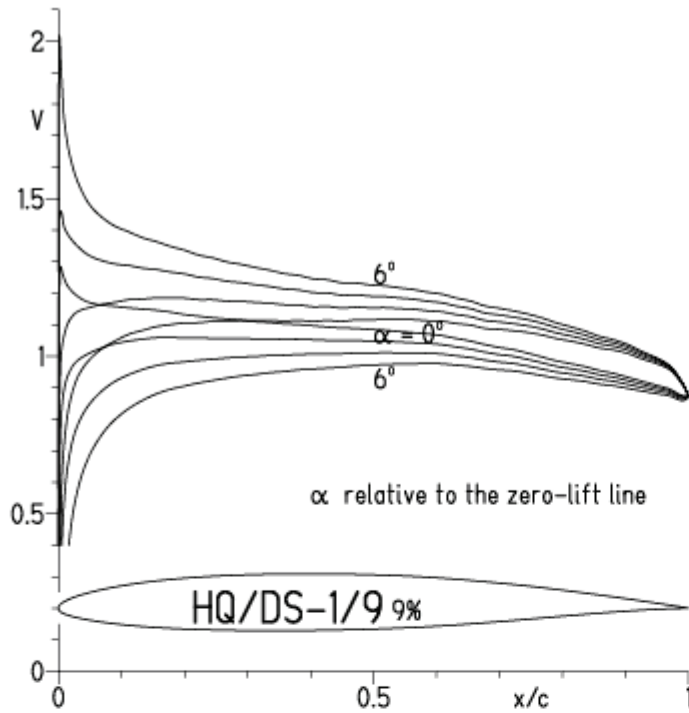
HQ/DS-1/9 9%

- $Re = 0.2 \times 10^6 e^N, N=11$
- - -  $0.4 \times 10^6 e^N, N=11$
- · -  $0.8 \times 10^6 e^N, N=11$
- · · -  $1.6 \times 10^6 e^N, N=11$
- · · · -  $2.4 \times 10^6 e^N, N=11$

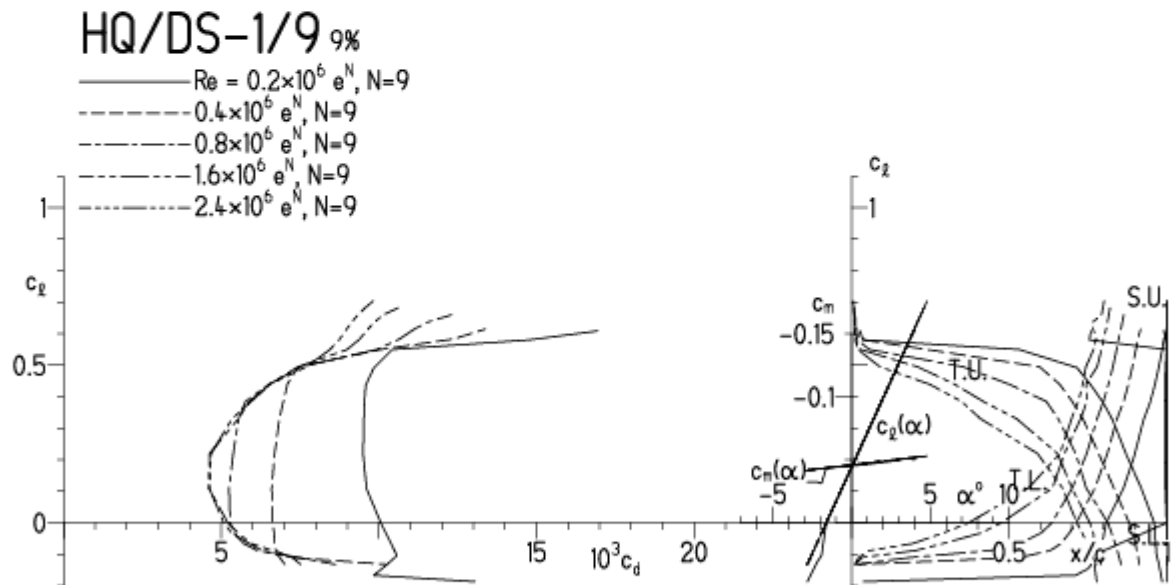


# HQ/DS-1/9-Polaren, N=9

EPPLER 2005 V. 8.5.07 RUN 15.10.10 16:33

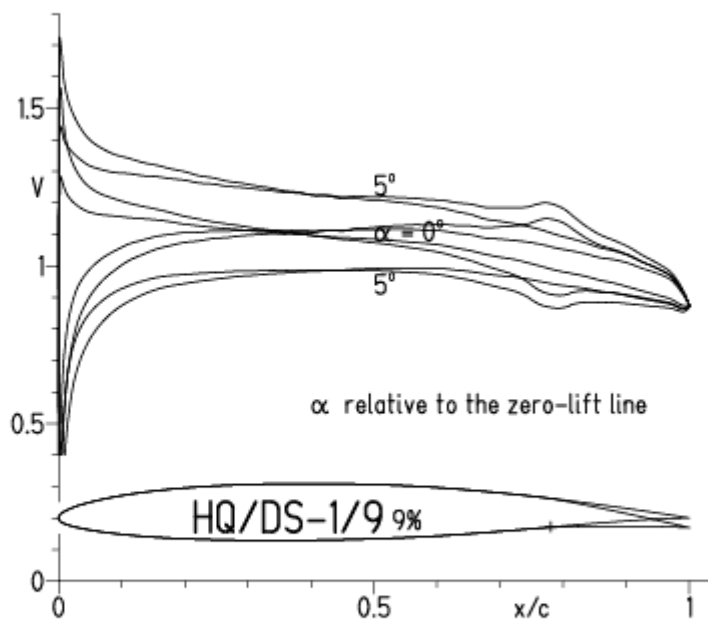


EPPLER 2005 V.

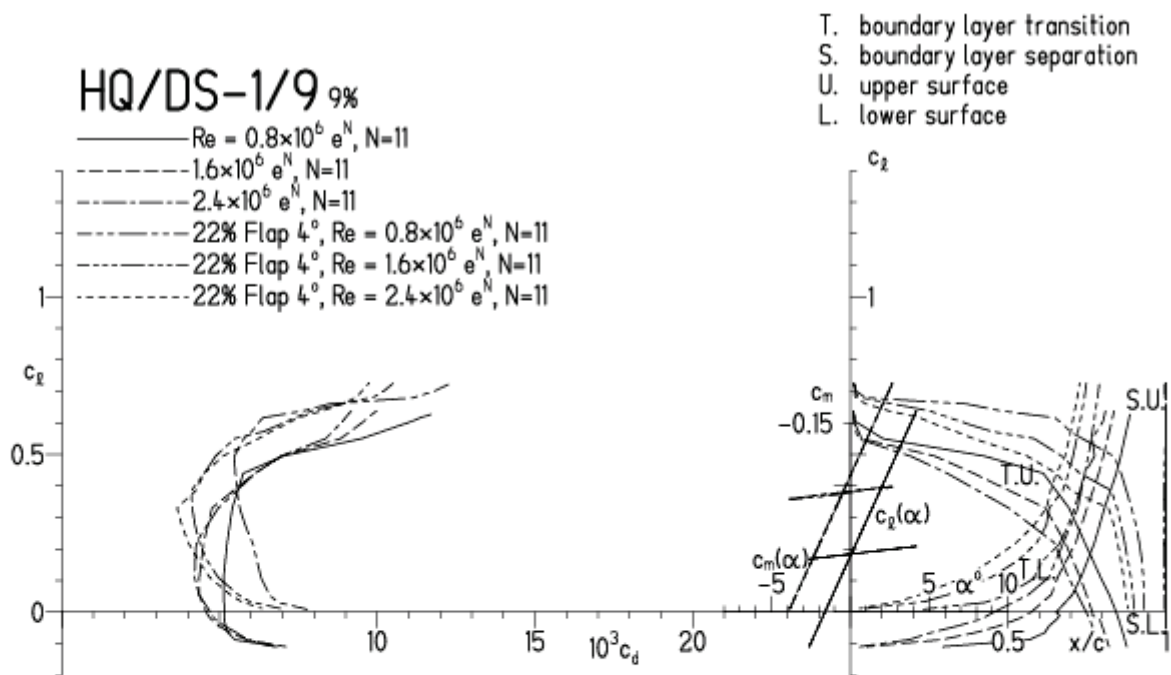


# HQ/DS-1/9-Polaren, N=11, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 22.3.12 10:58

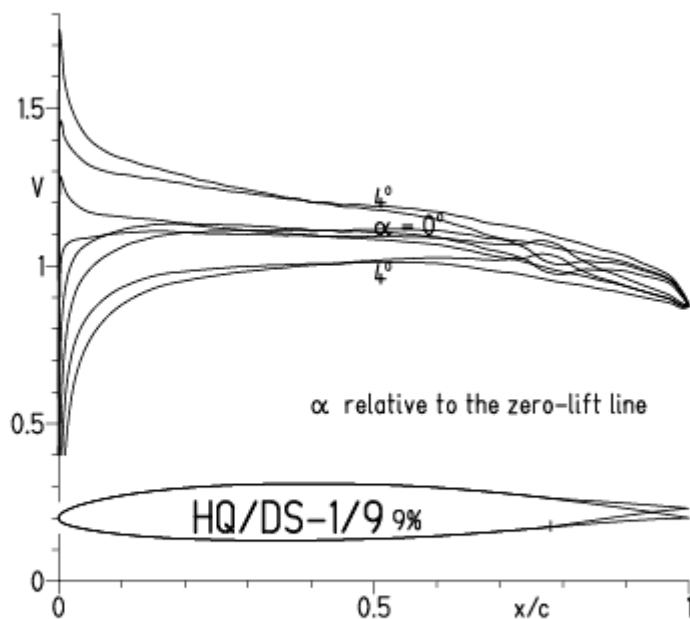


EPPLER 2005 V. 8.5.07 RUN 22.3.12 10:58

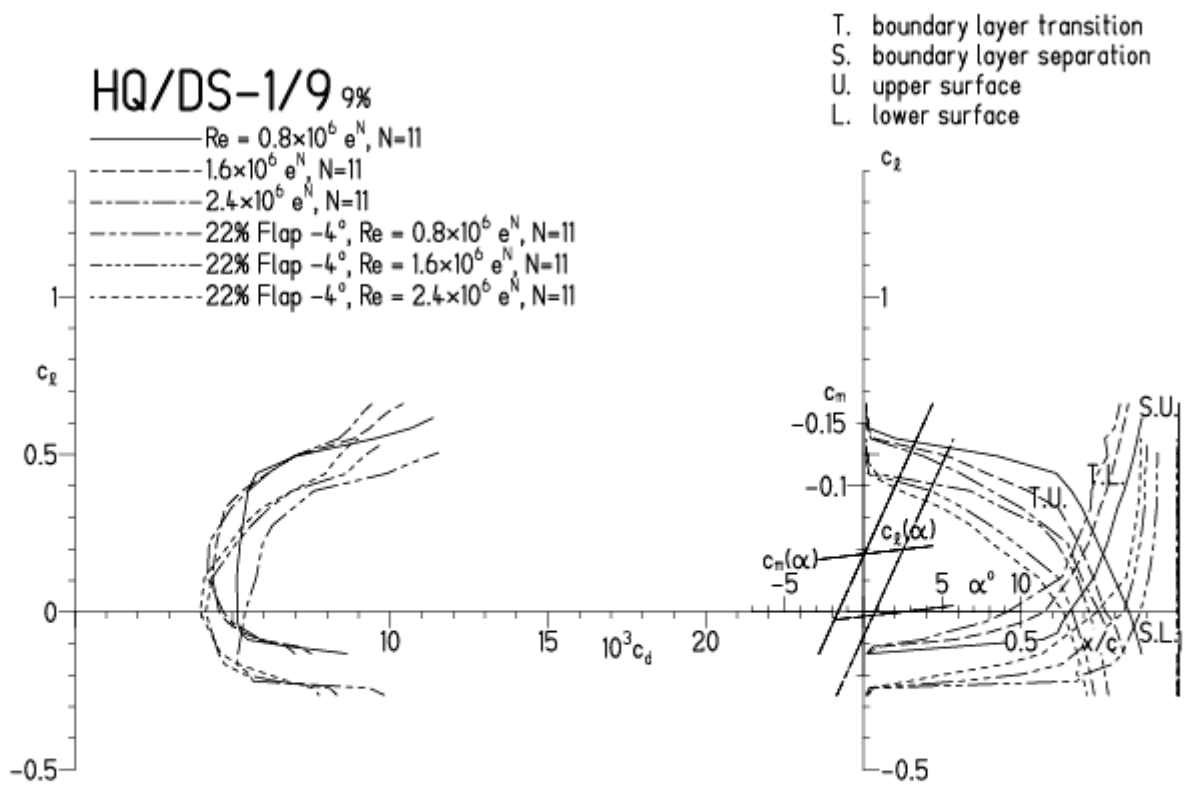


# HQ/DS-1/9-Polaren, N=11, mit -4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 22.3.12 11:03

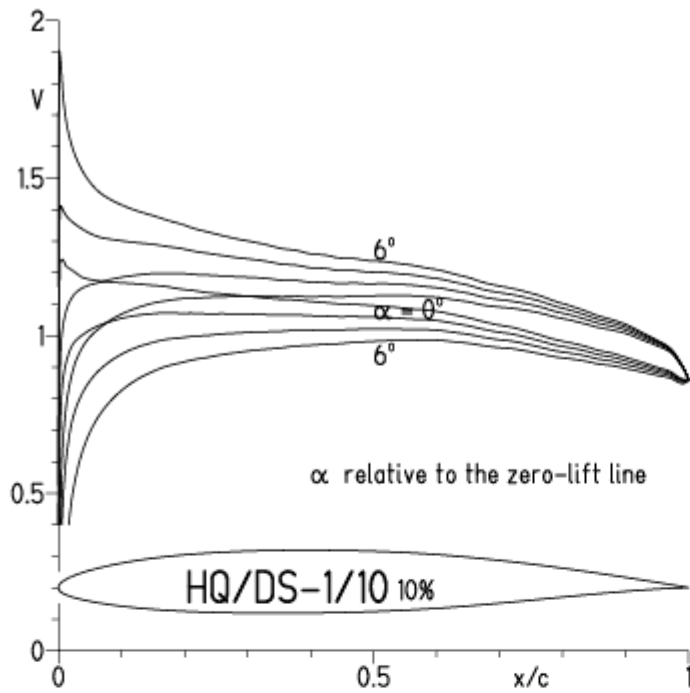


EPPLER 2005 V. 8.5.07 RUN 22.3.12 11:03

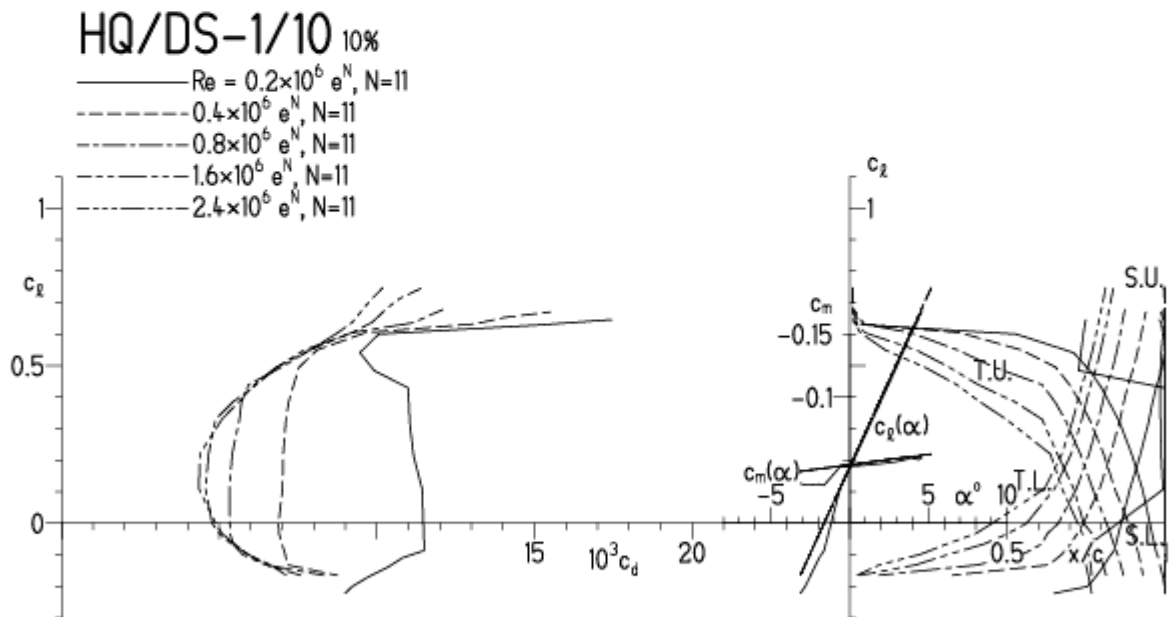


HQ/DS-1/10-Polaren, N=11

EPPLER 2005 V. 8.5.07 RUN 15.10.10 17:24

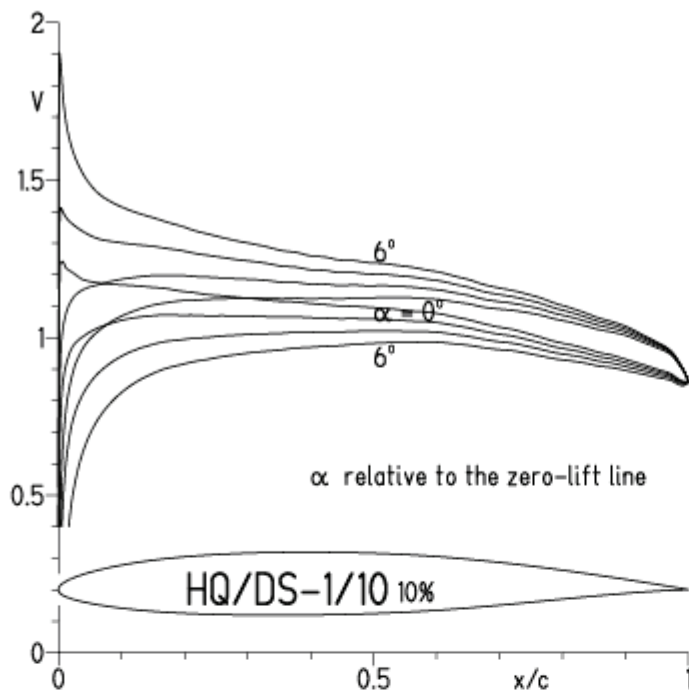


EPPLER 2005 V. 8.5.07 RUN 15.10.10 17:24

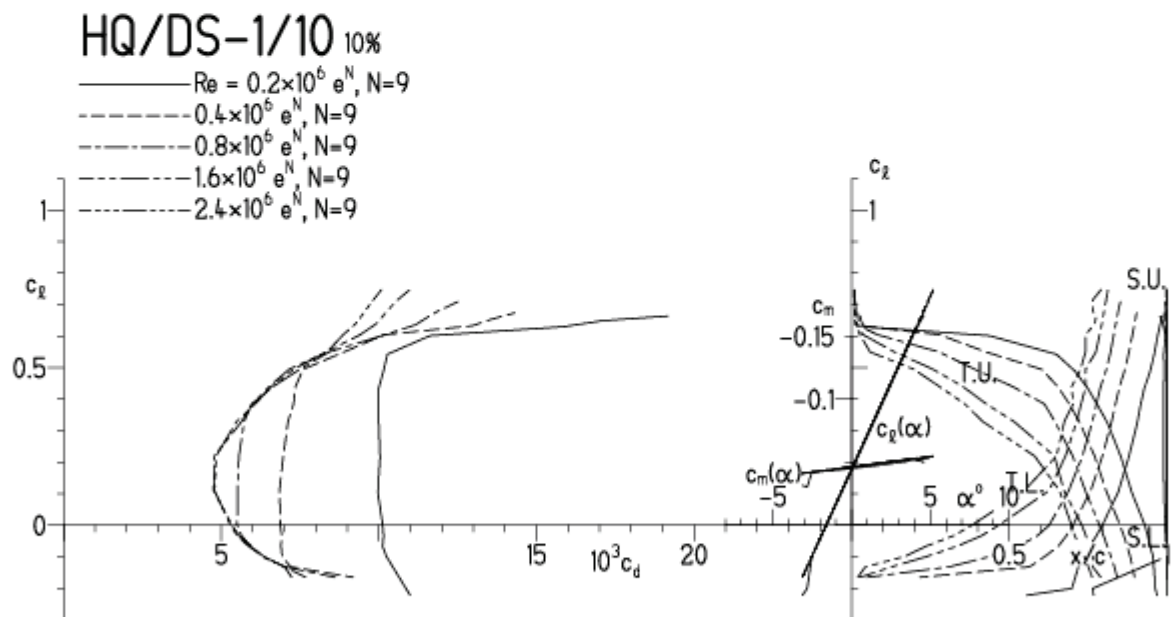


# HQ/DS-1/10-Polaren, N=9

EPPLER 2005 V. 8.5.07 RUN 15.10.10 17:29

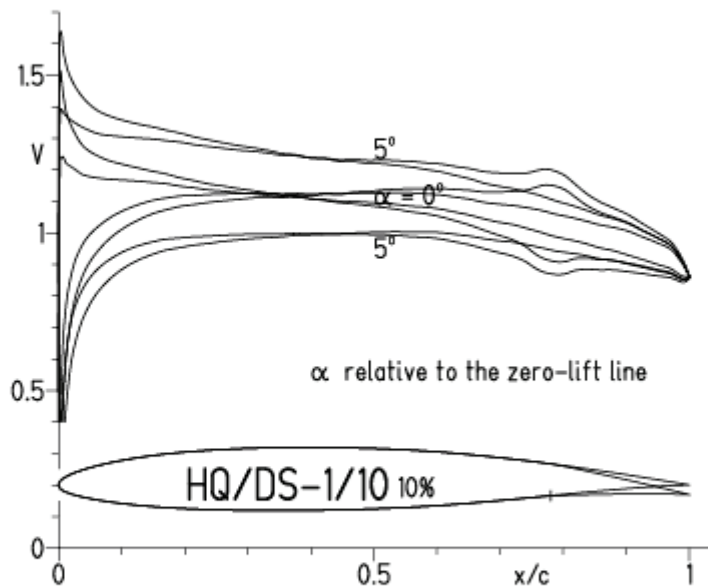


EPPLER 20

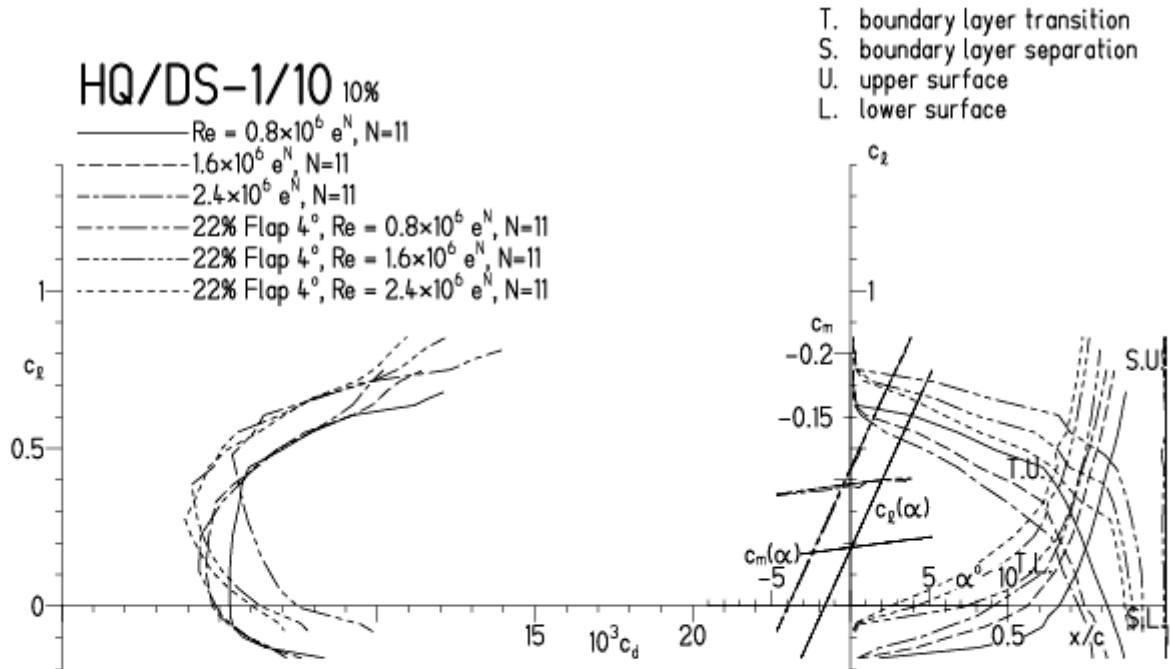


# HQ/DS-1/10-Polaren, N=11, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 22.3.12 11:07

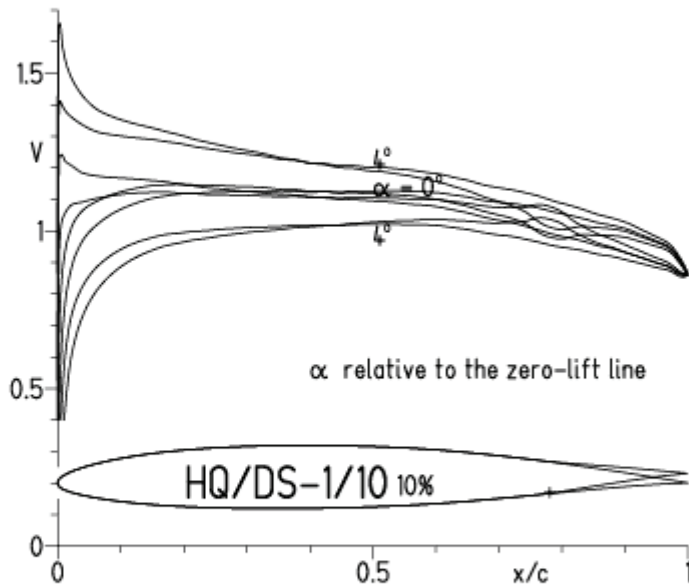


EPPLER 2005 V. 8.5.07 RUN 22.3.12 11:07

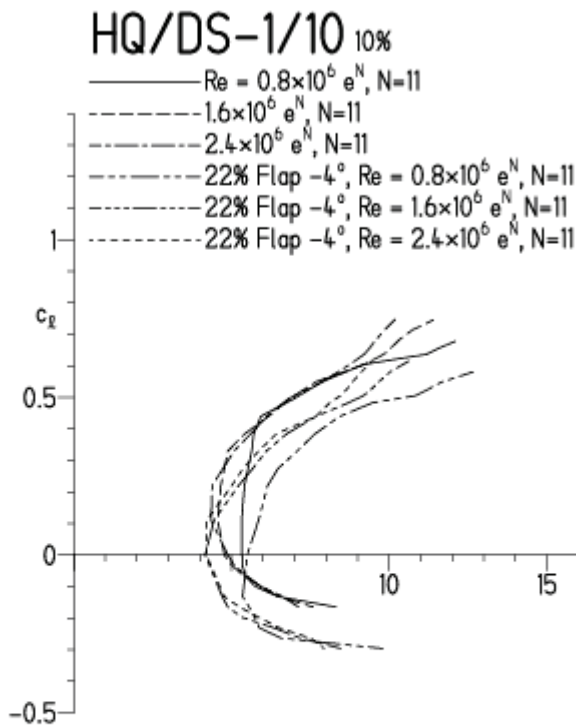


# HQ/DS-1/10-Polaren, N=11, mit -4° Wölbklappenausschlag

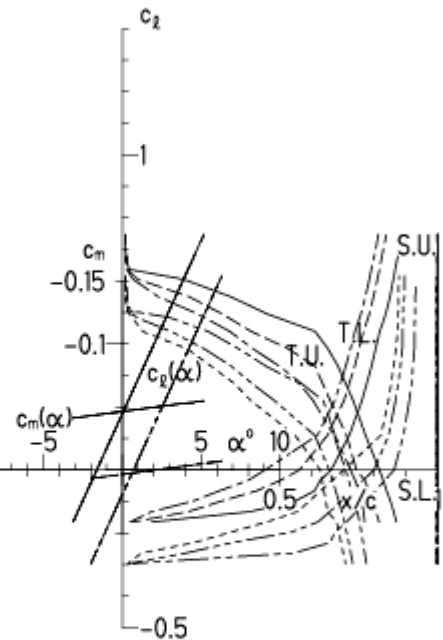
EPPLER 2005 V. 8.5.07 RUN 22.3.12 11:11



EPPLER 2005 V. 8.5.07 RUN 22.



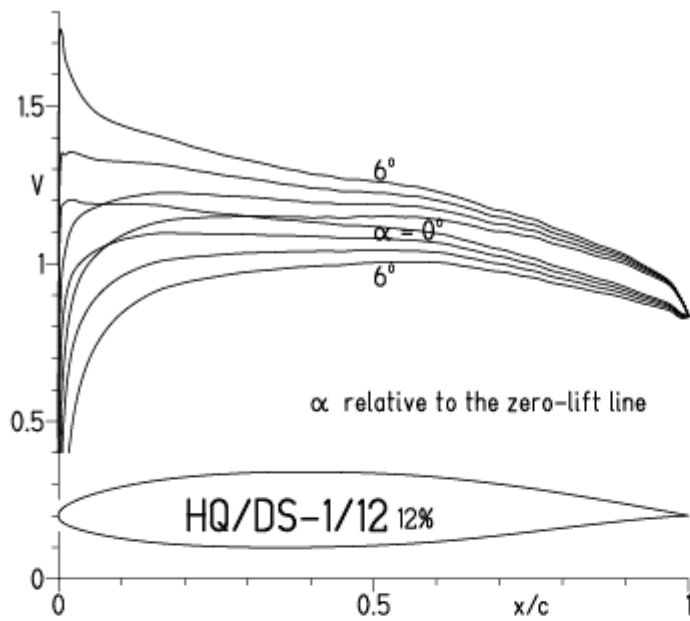
- T. boundary layer transition
- S. boundary layer separation
- U. upper surface
- L. lower surface



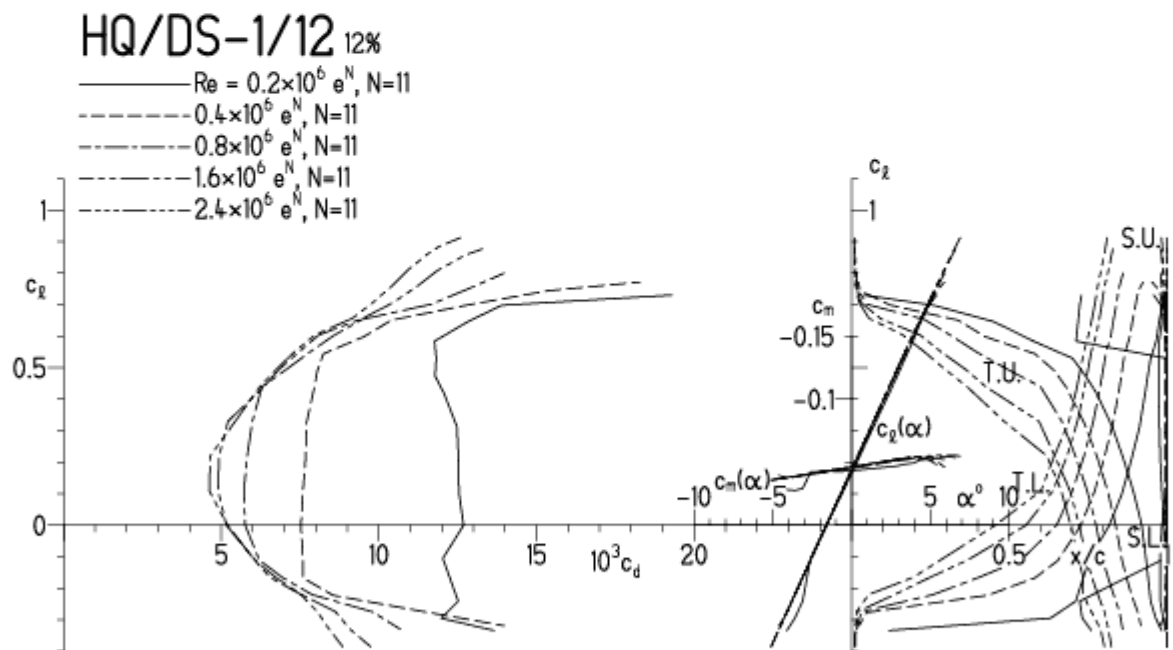


# HQ/DS-1/12-Polaren, N=11

EPPLER 2005 V. 8.5.07 RUN 15.10.10 17:43

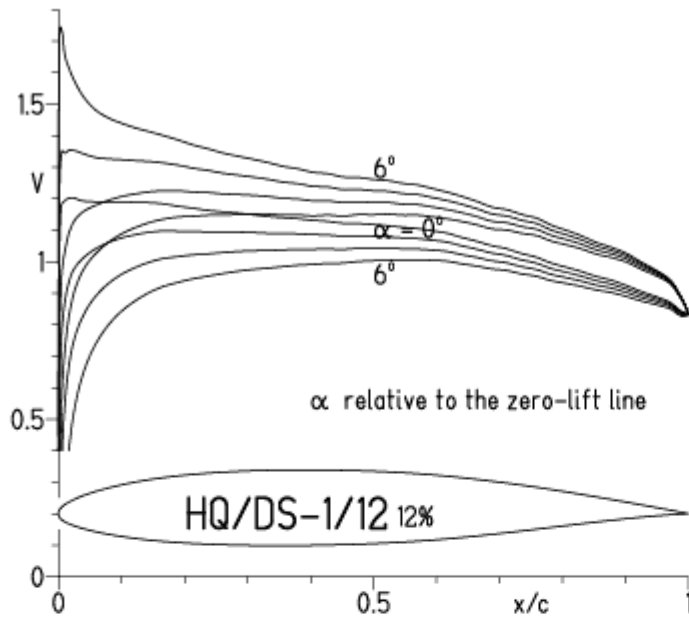


EPPLER 2005 V. 8.5.07 RUN 15.10.10 17:43

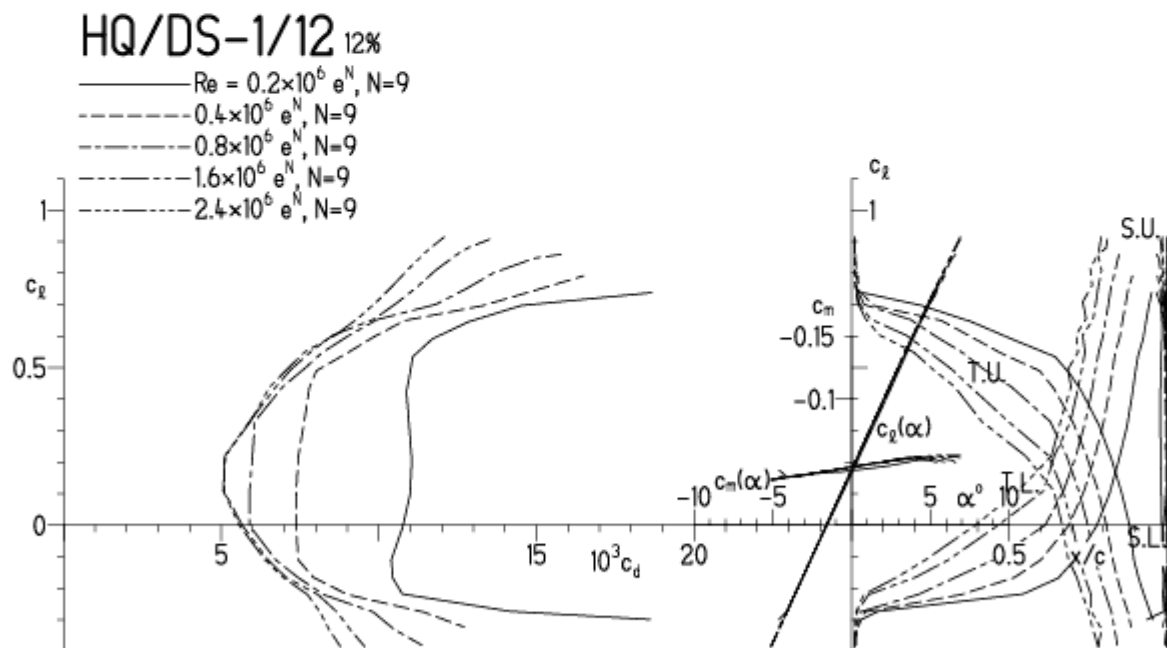


# HQ/DS-1/12-Polaren, N=9

EPPLER 2005 V. 8.5.07 RUN 15.10.10 17:47

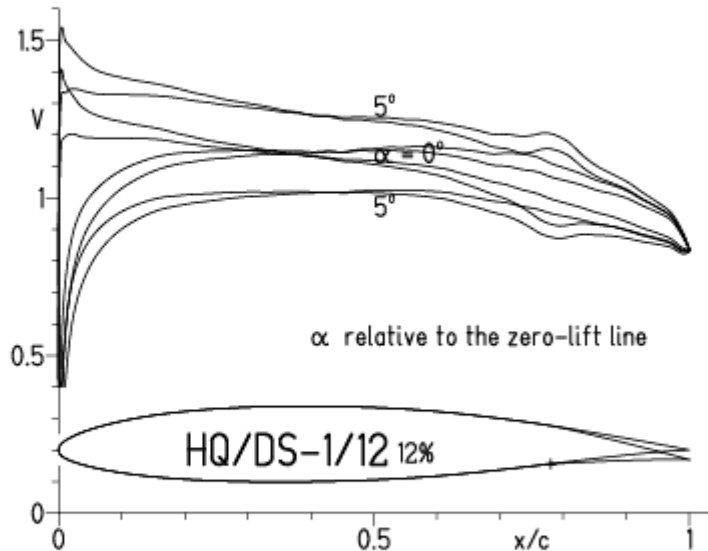


EPPLER 2005 V. 8.5.07 RUN 15.10.10 17:47

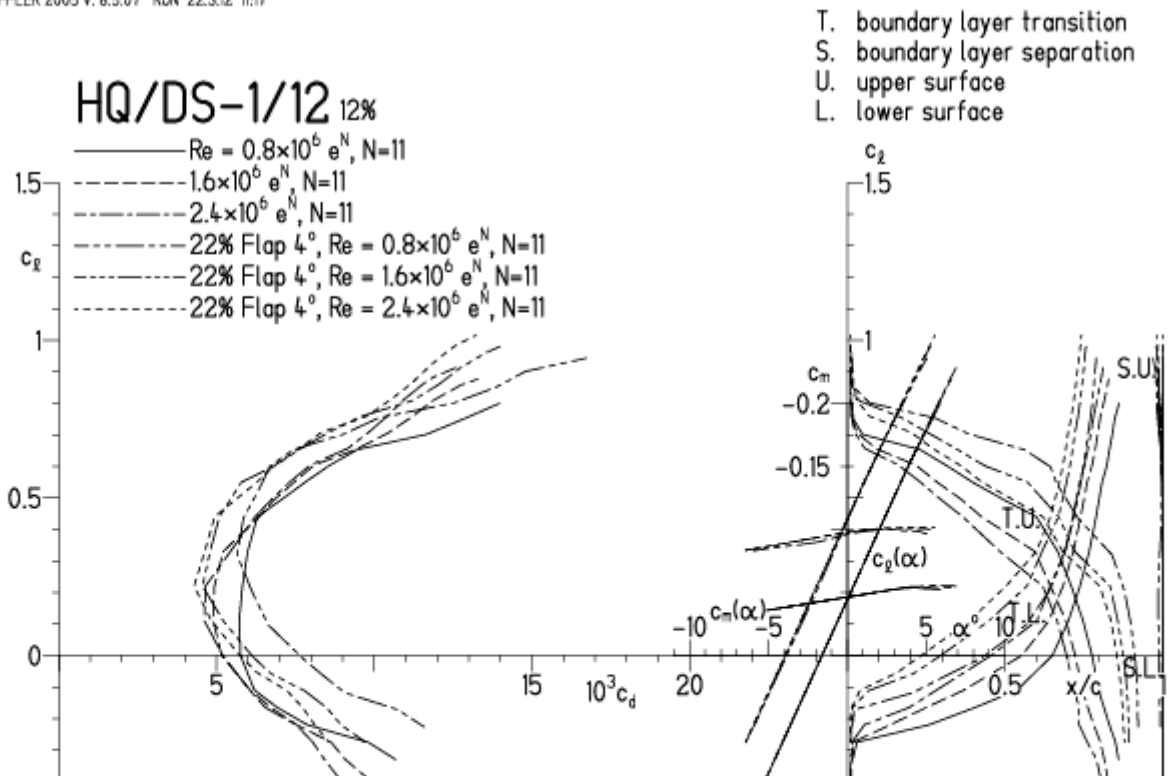


# HQ/DS-1/12-Polaren, N=11, mit 4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 22.3.12 11:17

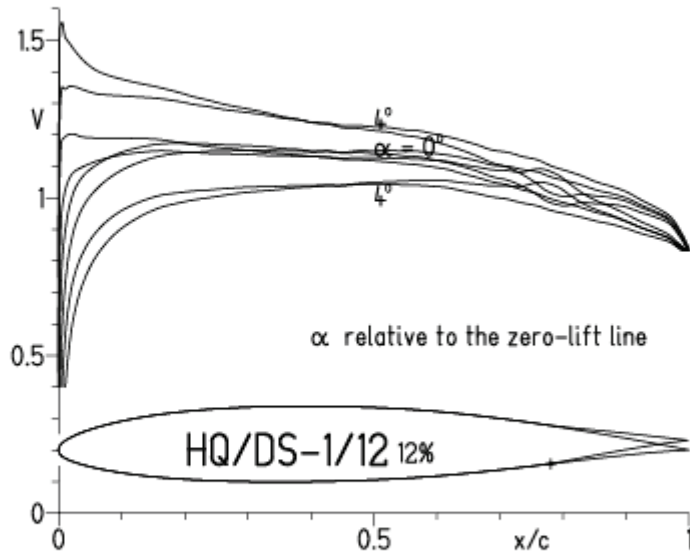


EPPLER 2005 V. 8.5.07 RUN 22.3.12 11:17



# HQ/DS-1/12-Polaren, N=11, mit -4° Wölbklappenausschlag

EPPLER 2005 V. 8.5.07 RUN 22.3.12 11:22



EPPLER 2005 V. 8.5.07 RUN 22.3.12 11:22

