

14 Dimension Sheets – DT56, DR63, DV250/280

14.1 Dimension sheet information

Please observe the following points regarding dimension sheets for AC (brake)motors (DR/DT/DV):

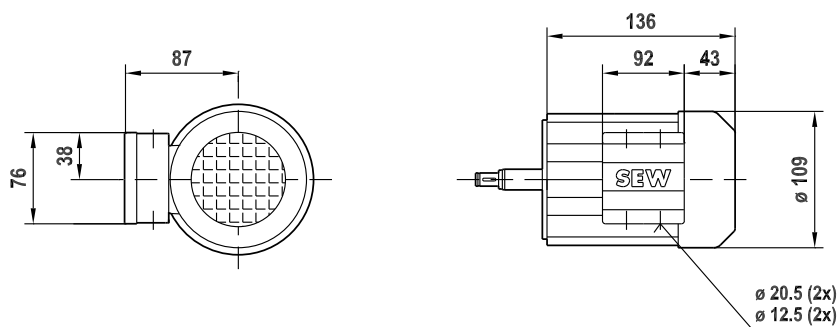
- The foot dimensions of the DV/DVE250 motors differ from the IEC dimensions.
- DT56.. motors are only available in combination with R..07 helical gear units or Spiroplan® W..10 gear units.
- Cutouts for cable glands are provided on the terminal box of DT56.. and DR63.. motors.
- Manual brake release is pivoted through 90° together with the terminal box, with the exception of DR63.
- For brakemotors, do not forget to add the space required for removing the fan guard (= fan guard diameter).
- Leave a clearance of at least half the fan guard diameter to provide unhindered air access.
- Motors of size DV250../280 are equipped with lifting eyebolts. The lifting eyebolts can be unscrewed.



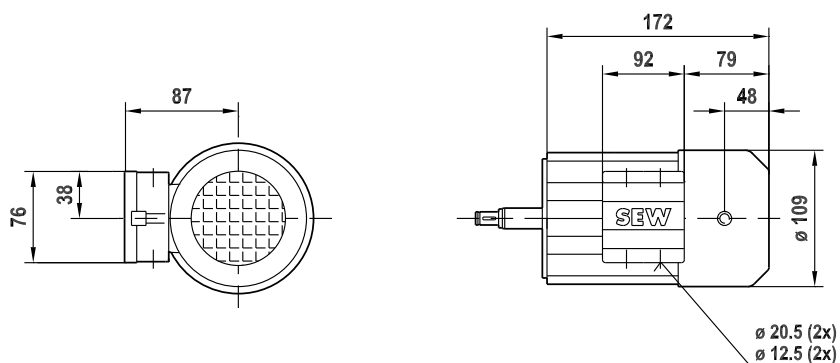
14.2 Dimension sheets for DR/DT/DV series AC motors

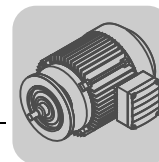
08 181 01 02

DT56



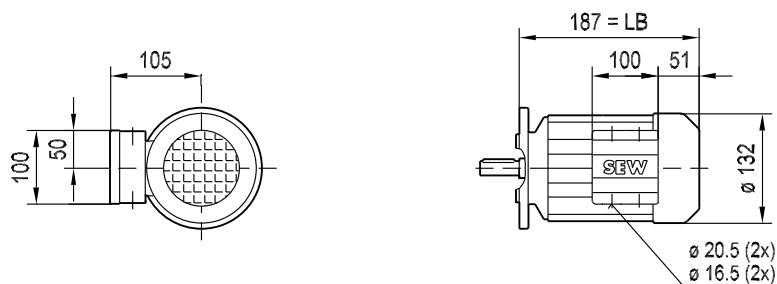
DT56 / B



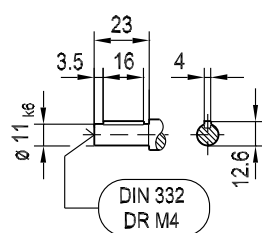


DFR63

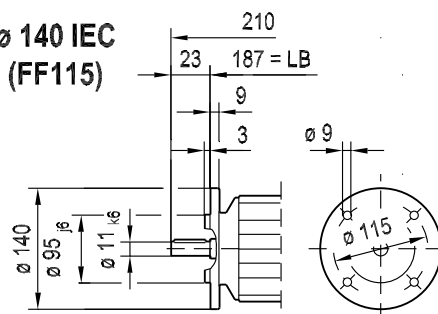
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1 (2)



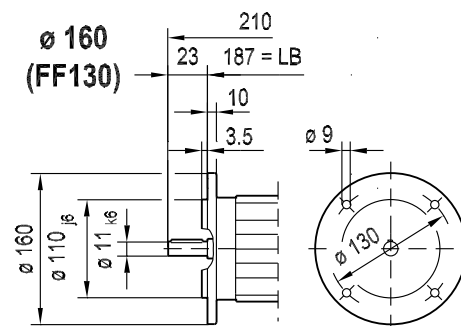
Ø 11_{k6}



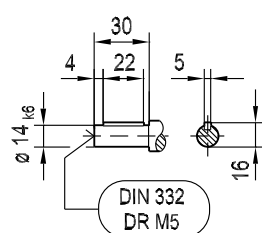
Ø 140 IEC
(FF115)



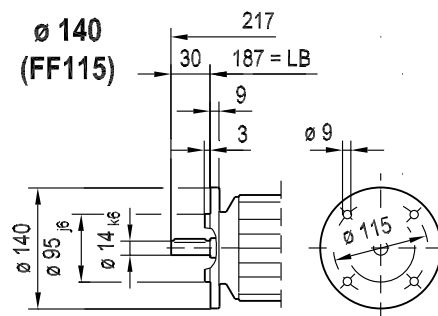
Ø 160
(FF130)



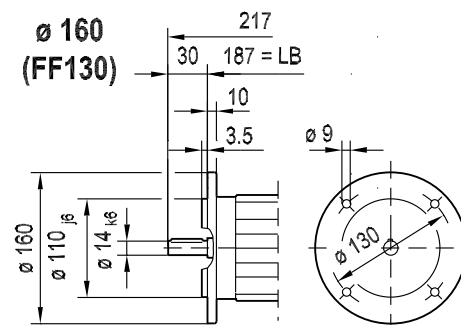
Ø 14_{k6}



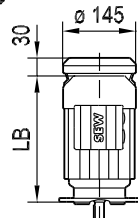
Ø 140
(FF115)



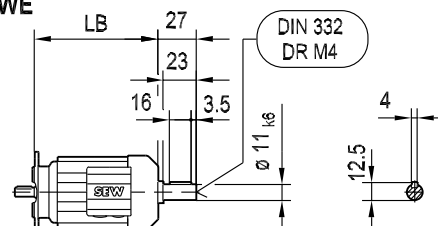
Ø 160
(FF130)



/C



/2.WE

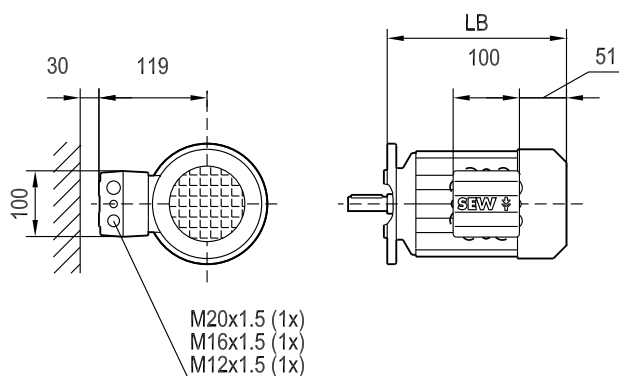




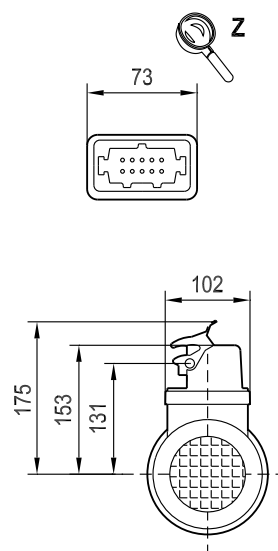
08 182 02 02
2 (2)

D(F)R63

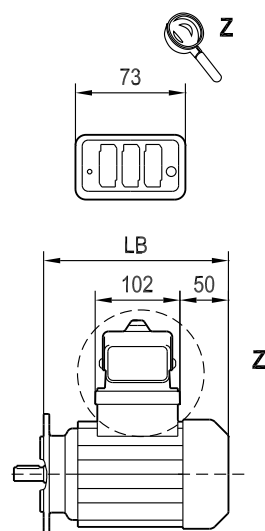
/ IS



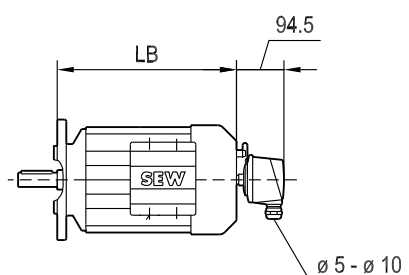
/ ASD.

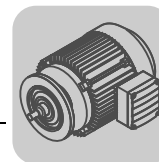


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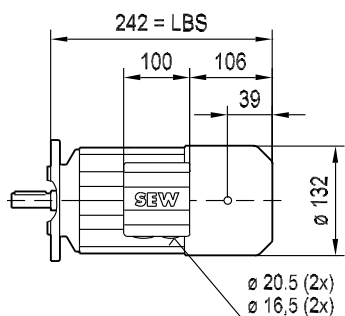
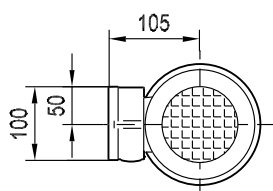
/ EH1



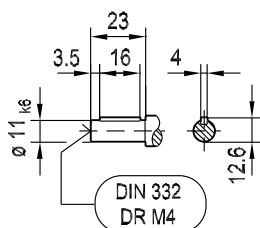


DFR63 / BR03

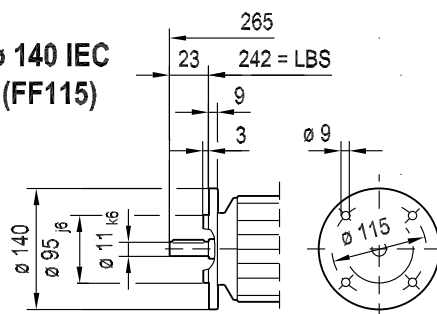
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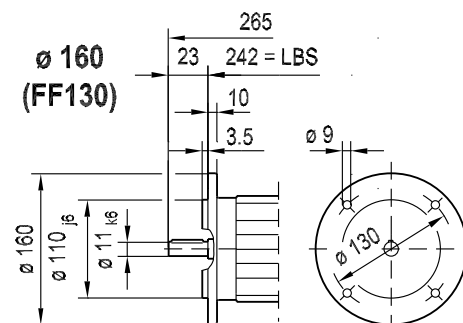
Ø 11_{k6}



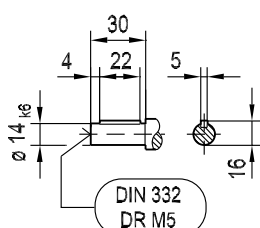
Ø 140 IEC
(FF115)



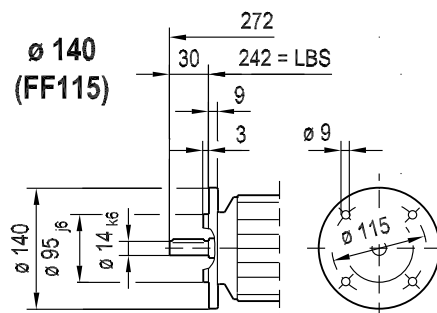
Ø 160
(FF130)



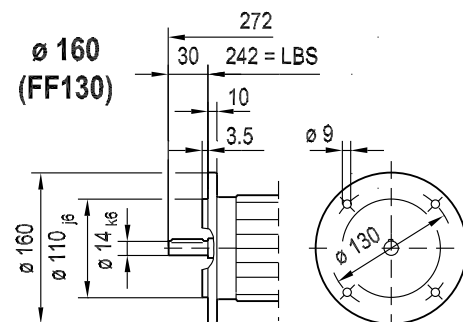
Ø 14_{k6}



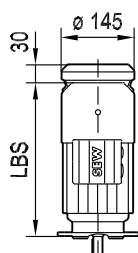
Ø 140
(FF115)



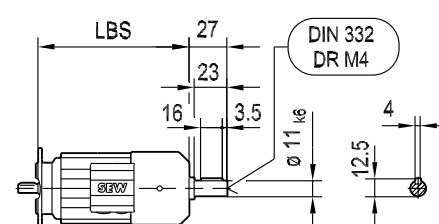
Ø 160
(FF130)



/C

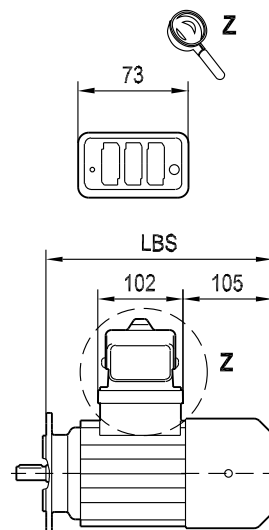


/2.WE



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2 (2)

/ AMD.

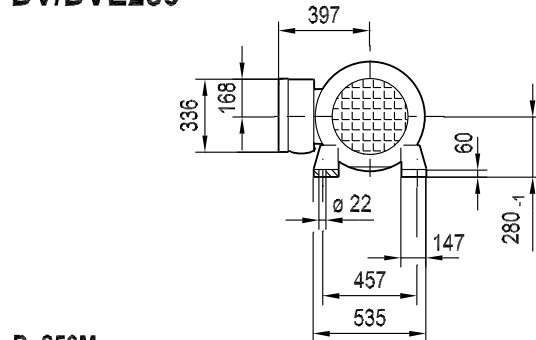


Technical drawing of a motor. The drawing shows a side view of the motor with a shaft on the left. The motor body has a central section with the text "SEW". Dimensions are indicated: "LBS" for the total length and "63" for the width of the motor body. A dimension line at the bottom right indicates a shaft diameter of $\varnothing 5 - \varnothing 10$.

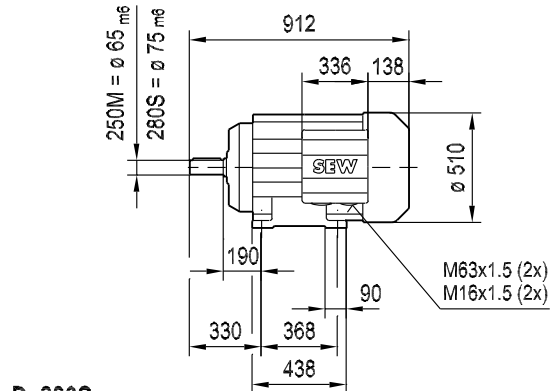
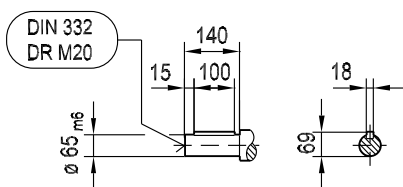


08 196 02 02
1 (1)

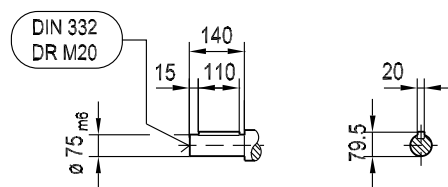
DV/DVE250M
DV/DVE280



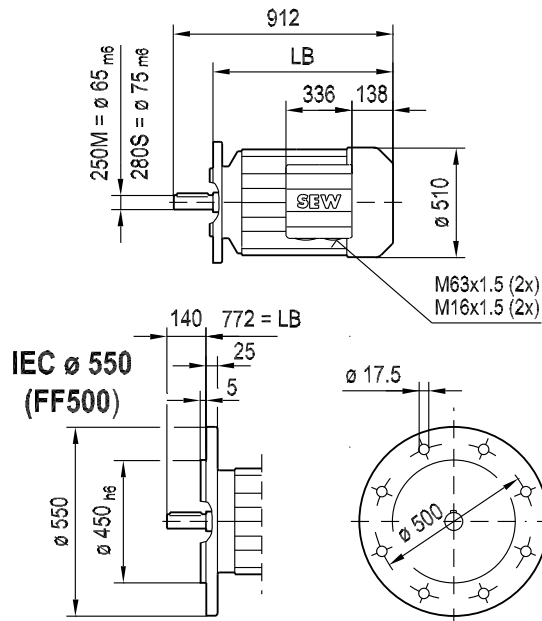
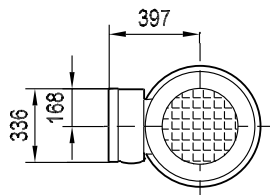
D..250M



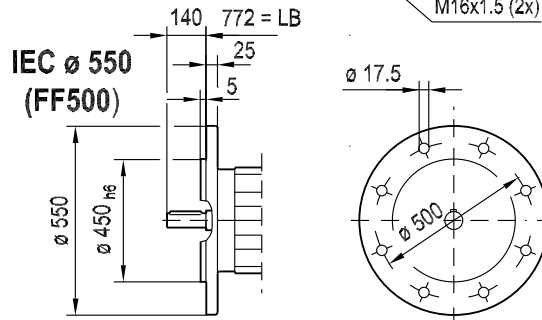
D..280S



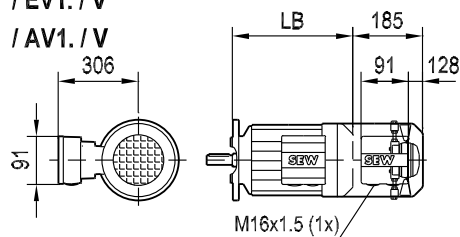
DFV/DFVE250M
DFV/DFVE280



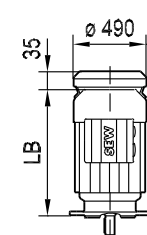
IEC 550
(FF500)



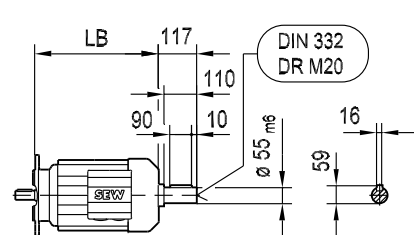
/V
/EV1./V
/AV1./V



/C



/2.WE



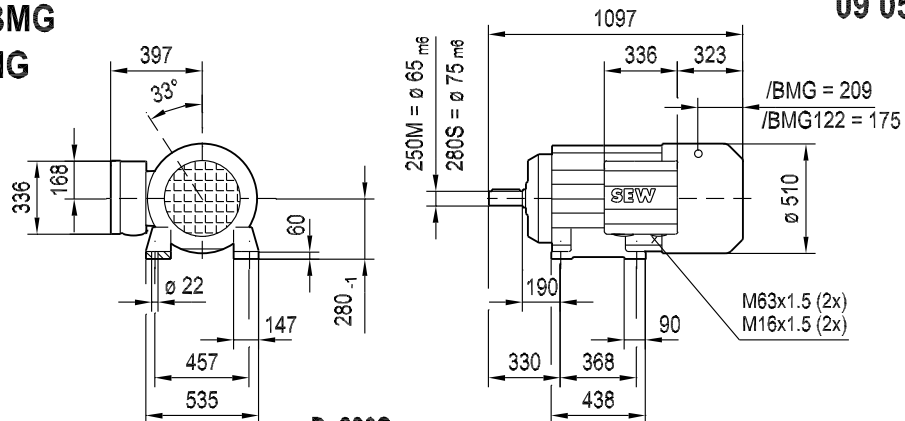
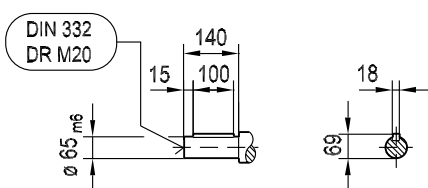
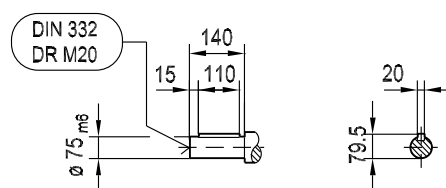
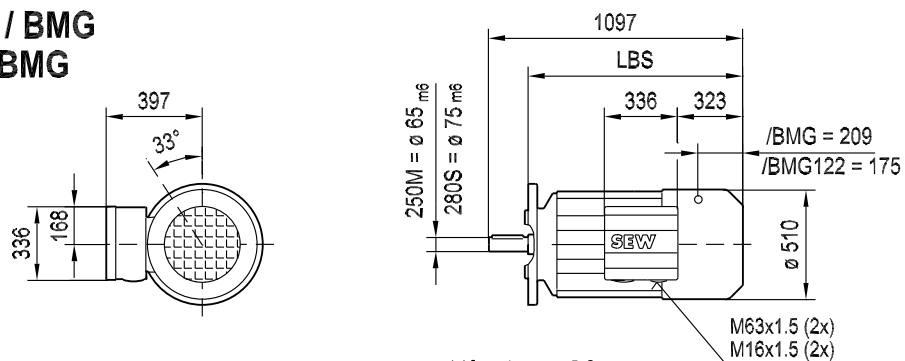
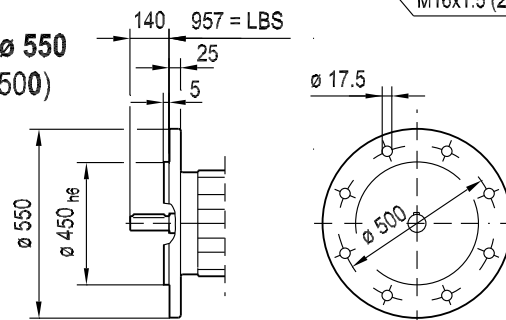
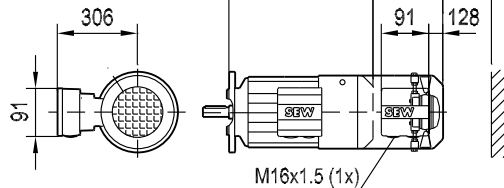
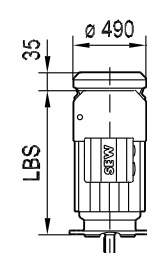
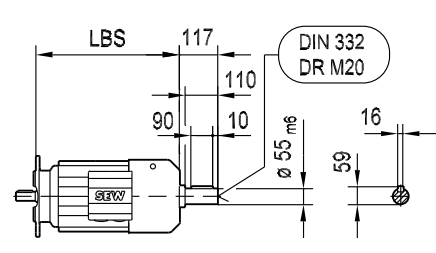


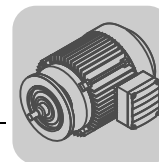
Dimension Sheets – DT56, DR63, DV250/280

Dimension sheets for DR/DT/DV series AC motors

09 051 03 02

1 (1)

DV/DVE250M / BMG**DV/DVE280 / BMG****DV.. / RS****D..250M****D..280S****DFV/DFVE250M / BMG****DFV/DFVE280 / BMG****DV.. / RS****IEC $\phi 550$
(FF500)****/ V****/ EV1. / V****/ AV1. / V****/ C****/ 2.WE**

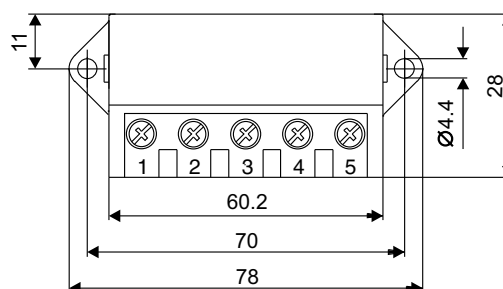
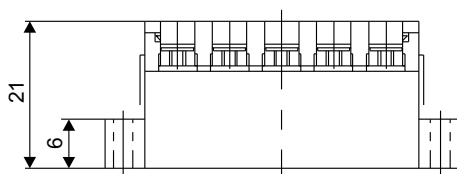


14.3 WPU smooth pole-change unit

See chapter "Dimension sheets for WPU smooth pole-change unit" on page 60 ff.

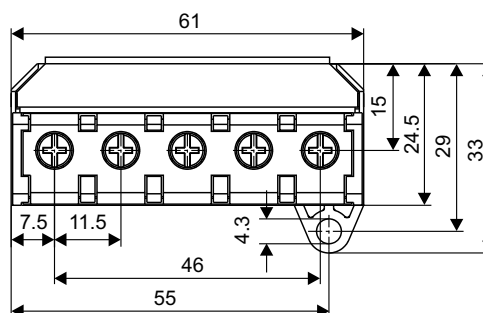
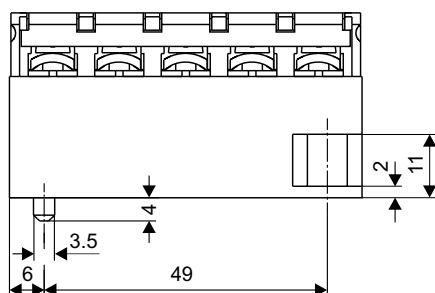
14.4 Dimension sheets for brake controllers

BG1.0, BGE1



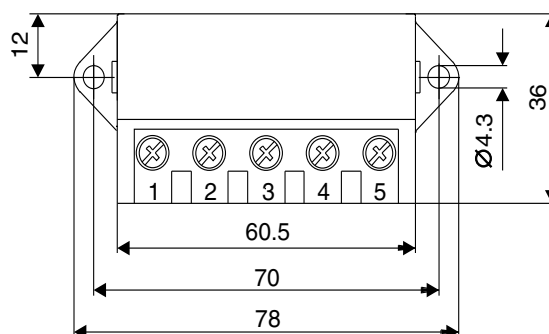
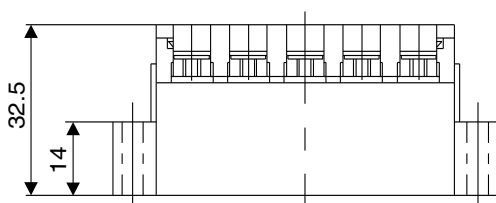
06456AXX

BG1.2, BG2.4



04750AXX

BG1.5, BG3, BGE, BS, BSG



01621BXX

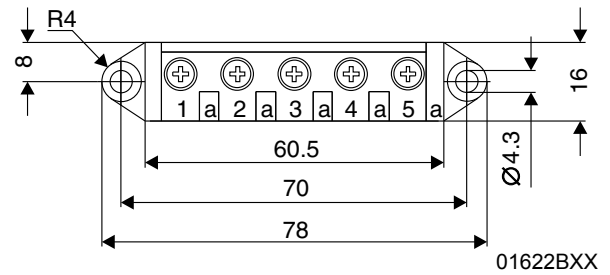
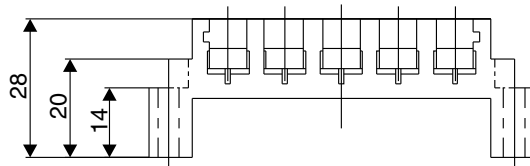


Dimension Sheets – DT56, DR63, DV250/280

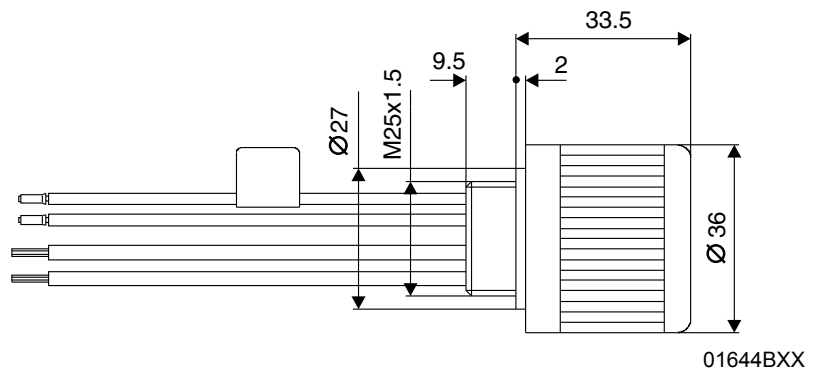
Dimension sheets for brake controllers

Auxiliary terminal strip

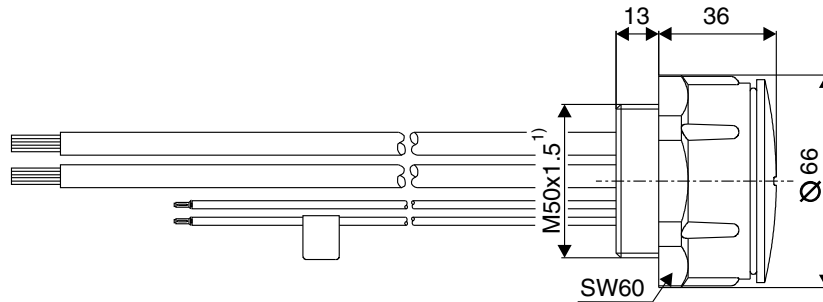
For connection of the brake coil or TF/TH and strip heaters in the wiring space of the motor



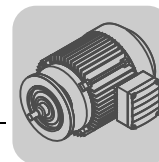
SR, UR



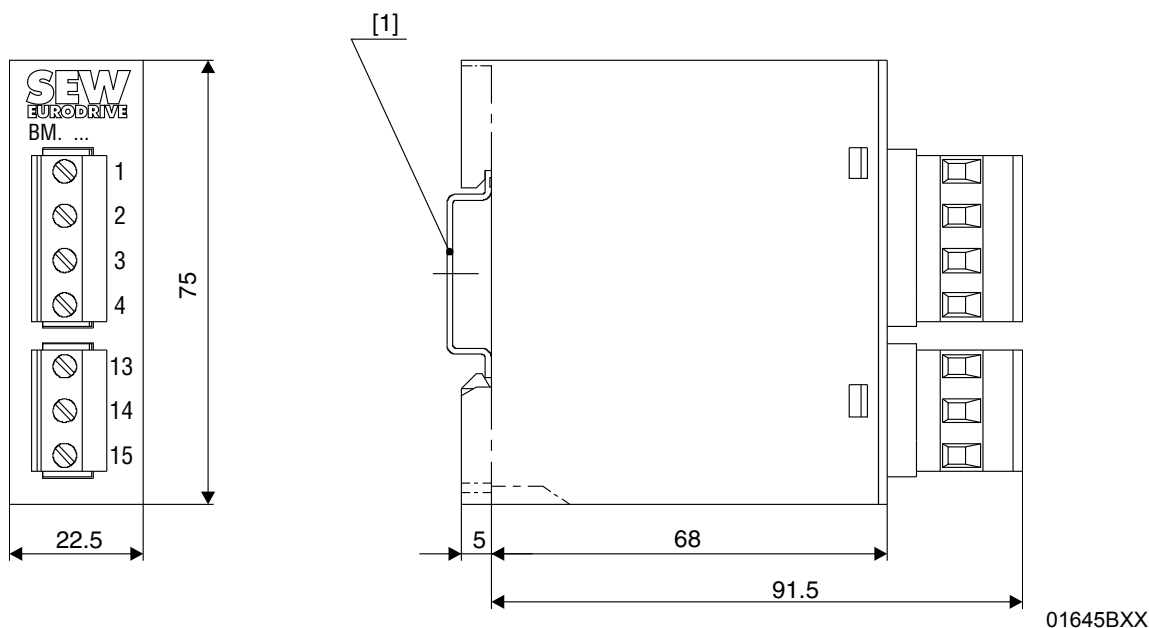
SR19



1) With reducing sleeve to M50x1.5



BMS, BME, BMH, BMP, BMK



1) Support rail mounting EN 50022-35-7.5