

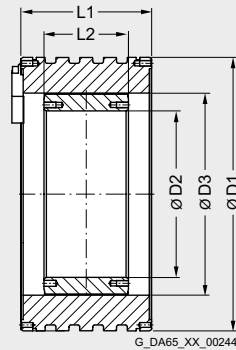
Synchronous motors

Dimension drawings

1FW6 built-in torque motors Water cooling

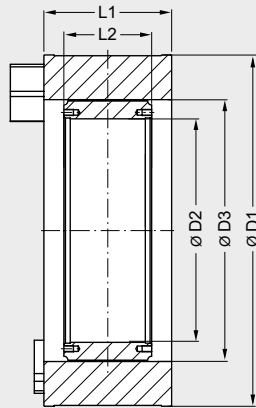
For motor	Dimensions in mm (in)				
Type	D ₁	D ₂	D ₃	L ₁	L ₂
1FW6, type IM B5, water cooling					
1FW6090-0.B05	230 (9.06)	140 (5.51)	170 (6.69)	90 (3.54)	51 (2.01)
1FW6090-0.B07				110 (4.33)	71 (2.80)
1FW6090-0.B10				140 (5.51)	101 (3.98)
1FW6090-0.B15				190 (7.48)	151 (5.94)
1FW6130-0.B05	310 (12.20)	220 (8.66)	254 (10.00)	90 (3.54)	51 (2.01)
1FW6130-0.B07				110 (4.33)	71 (2.80)
1FW6130-0.B10				140 (5.51)	101 (3.98)
1FW6130-0.B15				190 (7.48)	151 (5.94)
1FW6160-0.B05	440 (17.32)	280 (11.02)	328 (12.91)	110 (4.33)	60 (2.36)
1FW6160-0.B07				130 (5.12)	80 (3.15)
1FW6160-0.B10				160 (6.30)	110 (4.33)
1FW6160-0.B15				210 (8.27)	160 (6.30)
1FW6190-0.B05	502 (19.76)	342 (13.46)	389 (15.31)	110 (4.33)	60 (2.36)
1FW6190-0.B07				130 (5.12)	80 (3.15)
1FW6190-0.B10				160 (6.30)	110 (4.33)
1FW6190-0.B15				210 (8.27)	160 (6.30)
1FW6230-0.B05	576 (22.68)	416 (16.38)	463 (18.23)	110 (4.33)	60 (2.36)
1FW6230-0.B07				130 (5.12)	80 (3.15)
1FW6230-0.B10				160 (6.30)	110 (4.33)
1FW6230-0.B15				210 (8.27)	160 (6.30)
1FW6290-0.B15	730 (28.74)	522 (20.55)	580 (22.83)	220 (8.66)	170 (6.69)

1FW6090
1FW6130



G_DA65_XX_00244

1FW6160
1FW6190
1FW6230
1FW6290



G_DA65_XX_00245