



## WEG 3 Phase motor W22 Cast iron B5T (2P) WIMES

### Characteristics

**Series:** W22 WIMES  
**Type:** B5T  
**Speed:** 3000 rpm  
**Mounting:** B5T  
**Number of poles:** 2  
**Full load speed:** 2805 rpm  
**Full load torque:** 0.4 Nm  
**Nominal rated frequency:** 50 Hz  
**Material:** Cast iron  
**PTC thermistor:** Yes

| Energy efficiency class | Power kW | Nominal rated voltage V | Frame size acc. to IEC | Shaft diameter mm | Flange diameter (outside diameter) mm | Article                |
|-------------------------|----------|-------------------------|------------------------|-------------------|---------------------------------------|------------------------|
| IE3                     | 0.12     | 230/400                 | 63                     | 11                | 140                                   | M0.122FL63C3AIE3W-WEG  |
| IE3                     | 0.18     | 230/400                 | 63                     | 11                | 140                                   | M0.182FL63C3AIE3W-WEG  |
| IE3                     | 0.25     | 230/400                 | 63                     | 11                | 140                                   | M0.252FL63C3AIE3W-WEG  |
| IE3                     | 0.37     | 230/400                 | 71                     | 14                | 160                                   | M0.372FL71C3AIE3W-WEG  |
| IE3                     | 0.55     | 230/400                 | 71                     | 14                | 160                                   | M0.552FL71C3AIE3W-WEG  |
| IE3                     | 0.75     | 230/400                 | 80                     | 19                | 200                                   | M0.752FL80C3AIE3W-WEG  |
| IE3                     | 1.1      | 230/400                 | 80                     | 19                | 200                                   | M1.12FL80C3AIE3W-WEG   |
| IE3                     | 1.5      | 230/400                 | 90S                    | 24                | 200                                   | M1.52FL90C3AIE3W-WEG   |
| IE3                     | 2.2      | 230/400                 | 90L                    | 24                | 200                                   | M2.22FL90C3AIE3W-WEG   |
| IE3                     | 3        | 230/400                 | 100L                   | 28                | 250                                   | M3.02FL100C3AIE3W-WEG  |
| IE3                     | 4        | 400/690                 | 112M                   | 28                | 250                                   | M4.02FL112C3BIE3W-WEG  |
| IE3                     | 5.5      | 400/690                 | 132S                   | 38                | 300                                   | M5.52FL132C3BIE3W-WEG  |
| IE3                     | 7.5      | 400/690                 | 132S                   | 38                | 300                                   | M7.52FL132C3BIE3W-WEG  |
| IE3                     | 9.2      | 400/690                 | 132M                   | 38                | 300                                   | M9.22FL132C3BIE3W-WEG  |
| IE3                     | 11       | 400/690                 | 160M                   | 42                | 350                                   | M11.02FL160C3BIE3W-WEG |
| IE3                     | 15       | 400/690                 | 160M                   | 42                | 350                                   | M15.02FL160C3BIE3W-WEG |
| IE3                     | 18.5     | 400/690                 | 160L                   | 42                | 350                                   | M18.52FL160C3BIE3W-WEG |
| IE3                     | 22       | 400/690                 | 180M                   | 48                | 350                                   | M22.02FL180C3BIE3W-WEG |
| IE3                     | 30       | 400/690                 | 200L                   | 55                | 400                                   | M30.02FL200C3BIE3W-WEG |
| IE3                     | 37       | 400/690                 | 200L                   | 55                | 400                                   | M37.02FL200C3BIE3W-WEG |
| IE3                     | 45       | 400/690                 | 225S/M                 | 60                | 450                                   | M45.02FL225C3BIE3W-WEG |
| IE3                     | 55       | 400/690                 | 250S/M                 | 65                | 550                                   | M55.02FL250C3BIE3W-WEG |
| IE3                     | 75       | 400/690                 | 250S/M                 | 65                | 550                                   | M75.02FL250C3BIE3W-WEG |
| IE3                     | 75       | 400/690                 | 280S/M                 | 75                | 550                                   | M75.02FL280C3BIE3W-WEG |

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| Energy efficiency class | Power kW | Nominal rated voltage V | Frame size acc. to IEC | Shaft diameter mm | Flange diameter (outside diameter) mm | Article                 |
|-------------------------|----------|-------------------------|------------------------|-------------------|---------------------------------------|-------------------------|
| IE3                     | 90       | 400/690                 | 280S/M                 | 75                | 550                                   | M90.02FL280C3BIE3W-WEG  |
| IE3                     | 110      | 400/690                 | 280S/M                 | 75                | 550                                   | M110.02FL280C3BIE3W-WEG |
| IE3                     | 110      | 400/690                 | 315S/M                 | 80                | 660                                   | M110.02FL315C3BIE3W-WEG |
| IE3                     | 132      | 400/690                 | 315S/M                 | 80                | 660                                   | M132.02FL315C3BIE3W-WEG |
| IE3                     | 150      | 400/690                 | 315S/M                 | 80                | 660                                   | M150.02FL315C3BIE3W-WEG |
| IE3                     | 160      | 400/690                 | 315S/M                 | 80                | 660                                   | M160.02FL315C3BIE3W-WEG |
| IE3                     | 185      | 400/690                 | 315S/M                 | 80                | 660                                   | M185.02FL315C3BIE3W-WEG |
| IE3                     | 200      | 400/690                 | 315L                   | 80                | 660                                   | M200.02FL315C3BIE3W-WEG |
| IE3                     | 220      | 400/690                 | 315L                   | 80                | 660                                   | M220.02FL315C3BIE3W-WEG |
| IE3                     | 250      | 400/690                 | 315L                   | 65                | 660                                   | M250.02FL315C3BIE3W-WEG |
| IE3                     | 260      | 400/690                 | 315L                   | 80                | 660                                   | M260.02FL315C3BIE3W-WEG |
| IE3                     | 280      | 400/690                 | 315L                   | 80                | 660                                   | M280.02FL315C3BIE3W-WEG |
| IE3                     | 330      | 400/690                 | 355M/L                 | 100               | 800                                   | M330.02FL355C3BIE3W-WEG |
| IE3                     | 355      | 400/690                 | 355M/L                 | 100               | 800                                   | M355.02FL355C3BIE3W-WEG |

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