

## 220V 50Hz, aluminium windings, without thermal protection

| Product name                              | Ordering code  | Power [W] | Lamps  | Lamp current [A] | $\Delta T$ [°C] | Thermal protection | Tw [°C] | Weight [kg] | Capacitor [μF] | EEI | Dimensions [mm] |     |    |    |     |
|-------------------------------------------|----------------|-----------|--------|------------------|-----------------|--------------------|---------|-------------|----------------|-----|-----------------|-----|----|----|-----|
|                                           |                |           |        |                  |                 |                    |         |             |                |     | A1              | A2  | B1 | C1 | D1  |
| <b>BSN 70 K300-I-A 220V 50Hz BC1-123</b>  | 1010 109 20646 | 70        | SON/MH | 0,98             | 75              | no                 | 140     | 1,23        | 12             | A3  | 123             | 98  | 61 | 52 | 6,2 |
| <b>BSN 100 K300-I-A 220V 50Hz BC2-126</b> | 1010 109 20746 | 100       | SON/MH | 1,20             | 75              | no                 | 140     | 1,52        | 12             | A3  | 126             | 104 | 76 | 65 | 6,2 |
| <b>BSN 150 K300-I-A 220V 50Hz BC2-151</b> | 1010 109 16046 | 150       | SON/MH | 1,80             | 75              | no                 | 140     | 2,30        | 18             | A3  | 151             | 129 | 76 | 65 | 6,2 |
| <b>BSN 250 K300-I-A 220V 50Hz BC3-143</b> | 1010 109 16146 | 250       | SON/MH | 3,00             | 85              | no                 | 140     | 3,03        | 32             | A3  | 143             | 121 | 97 | 83 | 6,2 |
| <b>BSN 400 K300-I-A 220V 50Hz BC3-166</b> | 1010 109 16246 | 400       | SON/MH | 4,60             | 80              | no                 | 140     | 4,45        | 45             | A3  | 166             | 145 | 97 | 83 | 6,2 |

## 220V 50Hz, aluminium windings, without thermal protection, series system

| Product name                            | Ordering code  | Power [W] | Lamps  | Lamp current [A] | $\Delta T$ [°C] | Thermal protection | Tw [°C] | Weight [kg] | Capacitor [μF] | EEI | Dimensions [mm] |     |    |    |     |
|-----------------------------------------|----------------|-----------|--------|------------------|-----------------|--------------------|---------|-------------|----------------|-----|-----------------|-----|----|----|-----|
|                                         |                |           |        |                  |                 |                    |         |             |                |     | A1              | A2  | B1 | C1 | D1  |
| <b>BSN 50 K200-A 220V 50Hz BC1-118</b>  | 1010 109 24146 | 50        | SON/MH | 0,76             | 75              | no                 | 140     | 1,00        | 10             | A3  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BSN 70 K200-A 220V 50Hz BC1-118</b>  | 1010 109 24246 | 70        | SON/MH | 0,98             | 75              | no                 | 140     | 1,23        | 12             | A3  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BSN 100 K200-A 220V 50Hz BC1-123</b> | 1010 109 24346 | 100       | SON/MH | 1,20             | 85              | no                 | 140     | 1,32        | 12             | A3  | 123             | 98  | 61 | 52 | 6,2 |
| <b>BSN 150 K200-A 220V 50Hz BC2-151</b> | 1010 109 24446 | 150       | SON/MH | 1,80             | 75              | no                 | 140     | 2,60        | 18             | A3  | 151             | 129 | 76 | 65 | 6,2 |
| <b>BSN 250 K200-A 220V 50Hz BC3-143</b> | 1010 109 24546 | 250       | SON/MH | 3,00             | 85              | no                 | 140     | 3,10        | 32             | A3  | 143             | 121 | 97 | 83 | 6,2 |

## 230V 50Hz, copper windings, with thermal protection, EEI A2 class

| Product name                                 | Ordering code  | Power [W] | Lamps  | Lamp current [A] | $\Delta T$ [°C] | Thermal protection | Tw [°C] | Weight [kg] | Capacitor [μF] | EEI | Dimensions [mm] |     |    |    |     |
|----------------------------------------------|----------------|-----------|--------|------------------|-----------------|--------------------|---------|-------------|----------------|-----|-----------------|-----|----|----|-----|
|                                              |                |           |        |                  |                 |                    |         |             |                |     | A1              | A2  | B1 | C1 | D1  |
| <b>BSN 50 K302-A2-ITS 230V 50Hz BC1-118</b>  | 1010 109 23146 | 50        | SON/MH | 0,76             | 55              | yes                | 140     | 1,23        | 10             | A2  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BSN 70 K302-A2-ITS 230V 50Hz BC1-123</b>  | 1010 109 23246 | 70        | SON/MH | 0,98             | 50              | yes                | 140     | 1,39        | 12             | A2  | 123             | 98  | 61 | 52 | 6,2 |
| <b>BSN 100 K302-A2-ITS 230V 50Hz BC2-126</b> | 1010 109 23346 | 100       | SON/MH | 1,20             | 55              | yes                | 140     | 1,75        | 12             | A2  | 126             | 104 | 76 | 65 | 6,2 |
| <b>BSN 150 K302-A2-ITS 230V 50Hz BC2-151</b> | 1010 109 23446 | 150       | SON/MH | 1,80             | 50              | yes                | 140     | 2,91        | 18             | A2  | 151             | 129 | 76 | 65 | 6,2 |
| <b>BSN 250 K302-A2-ITS 230V 50Hz BC3-143</b> | 1010 109 23546 | 250       | SON/MH | 3,00             | 70              | yes                | 140     | 3,70        | 32             | A2  | 143             | 121 | 97 | 83 | 6,2 |
| <b>BSN 400 K302-A2-ITS 230V 50Hz BC3-166</b> | 1010 109 17946 | 400       | SON/MH | 4,45/4,60        | 80              | yes                | 140     | 4,95        | 45             | A2  | 166             | 145 | 97 | 83 | 6,2 |
| <b>BSN 600 K302-A2-ITS 230V 50Hz BC3-166</b> | 9137 002 79046 | 600       | SON    | 5,80             | 80              | yes                | 140     | 5,50        | 60             | A2  | 166             | 145 | 97 | 83 | 6,2 |

## 230V 50Hz, copper windings, without thermal protection, EEI A2 class

| Product name                               | Ordering code  | Power [W] | Lamps  | Lamp current [A] | $\Delta T$ [°C] | Thermal protection | Tw [°C] | Weight [kg] | Capacitor [μF] | EEI | Dimensions [mm] |     |    |    |     |
|--------------------------------------------|----------------|-----------|--------|------------------|-----------------|--------------------|---------|-------------|----------------|-----|-----------------|-----|----|----|-----|
|                                            |                |           |        |                  |                 |                    |         |             |                |     | A1              | A2  | B1 | C1 | D1  |
| <b>BSN 50 K302-A2-I 230V 50Hz BC1-118</b>  | 1010 109 23646 | 50        | SON/MH | 0,76             | 55              | no                 | 140     | 1,23        | 10             | A2  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BSN 70 K302-A2-I 230V 50Hz BC1-123</b>  | 1010 109 23746 | 70        | SON/MH | 0,98             | 50              | no                 | 140     | 1,39        | 12             | A2  | 123             | 98  | 61 | 52 | 6,2 |
| <b>BSN 100 K302-A2-I 230V 50Hz BC2-126</b> | 1010 109 23846 | 100       | SON/MH | 1,20             | 55              | no                 | 140     | 1,75        | 12             | A2  | 126             | 104 | 76 | 65 | 6,2 |
| <b>BSN 150 K302-A2-I 230V 50Hz BC2-151</b> | 1010 109 23946 | 150       | SON/MH | 1,80             | 50              | no                 | 140     | 2,91        | 18             | A2  | 151             | 129 | 76 | 65 | 6,2 |
| <b>BSN 250 K302-A2-I 230V 50Hz BC3-143</b> | 1010 109 24046 | 250       | SON/MH | 3,00             | 70              | no                 | 140     | 3,70        | 32             | A2  | 143             | 121 | 97 | 83 | 6,2 |
| <b>BSN 400 K302-A2-I 230V 50Hz BC3-166</b> | 9137 002 81946 | 400       | SON/MH | 4,45/4,60        | 80              | no                 | 140     | 4,95        | 45             | A2  | 166             | 145 | 97 | 83 | 6,2 |
| <b>BSN 600 K302-A2-I 230V 50Hz BC3-166</b> | 9137 002 82446 | 600       | SON    | 5,80             | 80              | no                 | 140     | 5,50        | 60             | A2  | 166             | 145 | 97 | 83 | 6,2 |

## 230V 50Hz, copper windings, with thermal protection

| Product name                              | Ordering code  | Power [W] | Lamps  | Lamp current [A] | $\Delta T$ [°C] | Thermal protection | Tw [°C] | Weight [kg] | Capacitor [μF] | EEI | Dimensions [mm] |     |    |    |     |
|-------------------------------------------|----------------|-----------|--------|------------------|-----------------|--------------------|---------|-------------|----------------|-----|-----------------|-----|----|----|-----|
|                                           |                |           |        |                  |                 |                    |         |             |                |     | A1              | A2  | B1 | C1 | D1  |
| <b>BMH 35 K302-ITS 230V 50Hz BC1-118</b>  | 9137 002 80546 | 35        | MH     | 0,53             | 50              | yes                | 140     | 0,95        | 6              | A3  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BMH 70 K302-ITS 230V 50Hz BC1-118</b>  | 9137 002 80846 | 70        | MH     | 0,98             | 75              | yes                | 140     | 1,23        | 12             | A3  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BSN 50 K302-ITS 230V 50Hz BC1-118</b>  | 1010 109 17446 | 50        | SON/MH | 0,76             | 70              | yes                | 140     | 0,93        | 10             | A3  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BSN 70 K302-ITS 230V 50Hz BC1-118</b>  | 1010 109 17546 | 70        | SON/MH | 0,98             | 75              | yes                | 140     | 1,23        | 12             | A3  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BSN 100 K302-ITS 230V 50Hz BC1-123</b> | 1010 109 17646 | 100       | SON/MH | 1,20             | 70              | yes                | 140     | 1,38        | 12             | A3  | 123             | 98  | 61 | 52 | 6,2 |
| <b>BSN 150 K302-ITS 230V 50Hz BC2-126</b> | 1010 109 17746 | 150       | SON/MH | 1,80             | 80              | yes                | 140     | 2,03        | 18             | A3  | 126             | 104 | 76 | 65 | 6,2 |
| <b>BSN 250 K302-ITS 230V 50Hz BC2-151</b> | 1010 109 17846 | 250       | SON/MH | 3,00             | 85              | yes                | 140     | 2,93        | 32             | A3  | 151             | 129 | 76 | 65 | 6,2 |

## 230V 50Hz, copper windings, without thermal protection

| Product name                            | Ordering code  | Power [W] | Lamps  | Lamp current [A] | $\Delta T$ [°C] | Thermal protection | Tw [°C] | Weight [kg] | Capacitor [μF] | EEI | Dimensions [mm] |     |    |    |     |
|-----------------------------------------|----------------|-----------|--------|------------------|-----------------|--------------------|---------|-------------|----------------|-----|-----------------|-----|----|----|-----|
|                                         |                |           |        |                  |                 |                    |         |             |                |     | A1              | A2  | B1 | C1 | D1  |
| <b>BSN 50 K302-I 230V 50Hz BC1-118</b>  | 9137 002 82146 | 50        | SON/MH | 0,76             | 70              | no                 | 140     | 0,93        | 10             | A3  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BSN 70 K302-I 230V 50Hz BC1-118</b>  | 9137 002 82646 | 70        | SON/MH | 0,98             | 75              | no                 | 140     | 1,23        | 12             | A3  | 118             | 94  | 61 | 52 | 6,2 |
| <b>BSN 100 K302-I 230V 50Hz BC1-123</b> | 9137 002 81746 | 100       | SON/MH | 1,20             | 70              | no                 | 140     | 1,38        | 12             | A3  | 123             | 98  | 61 | 52 | 6,2 |
| <b>BSN 150 K302-I 230V 50Hz BC2-126</b> | 9137 002 83046 | 150       | SON/MH | 1,80             | 80              | no                 | 140     | 2,03        | 18             | A3  | 126             | 104 | 76 | 65 | 6,2 |
| <b>BSN 250 K302-I 230V 50Hz BC2-151</b> | 9137 002 83146 | 250       | SON/MH | 3,00             | 85              | no                 | 140     | 2,93        | 32             | A3  | 151             | 129 | 76 | 65 | 6,2 |