



## DOGA DC-MOTOR TYPE 168

Vinduesviskermotor type 168/169

168.4105.2B.04

- 750 til 3000 rpm
- Op til 0,75 Nm nom. moment
- Højt startmoment
- Støjsvag og kompakt



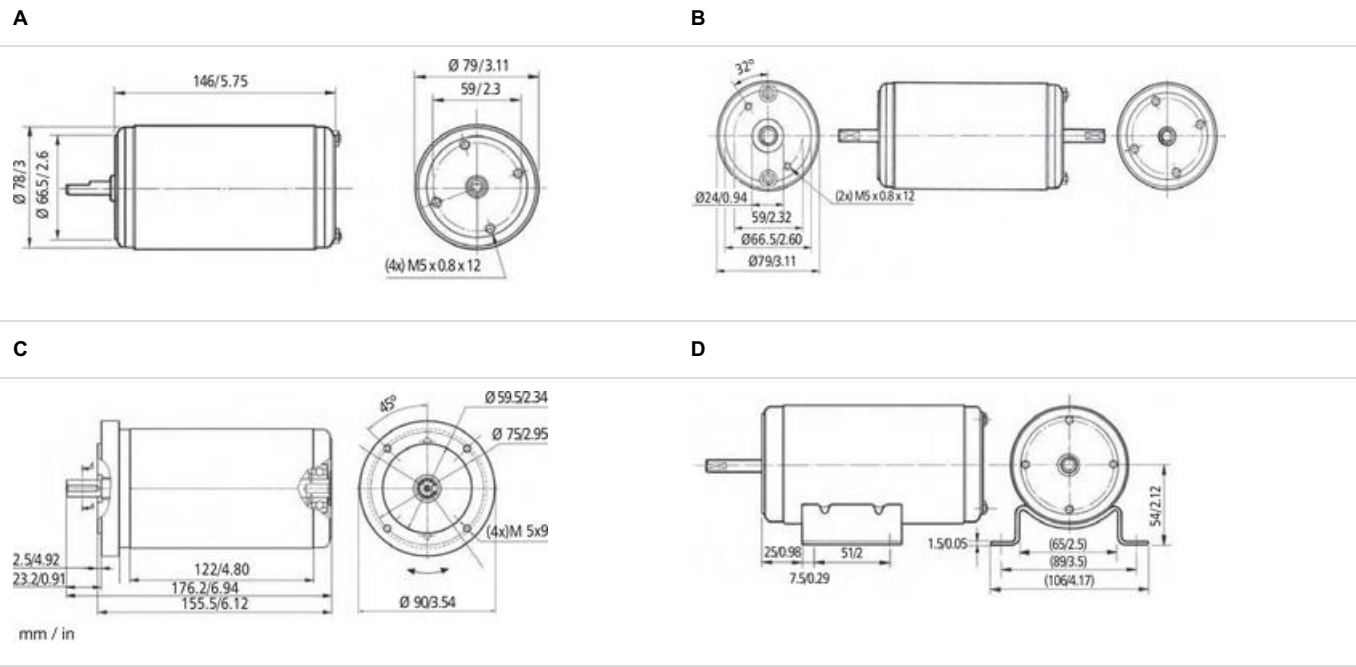
### PRODUKTBESKRIVELSE

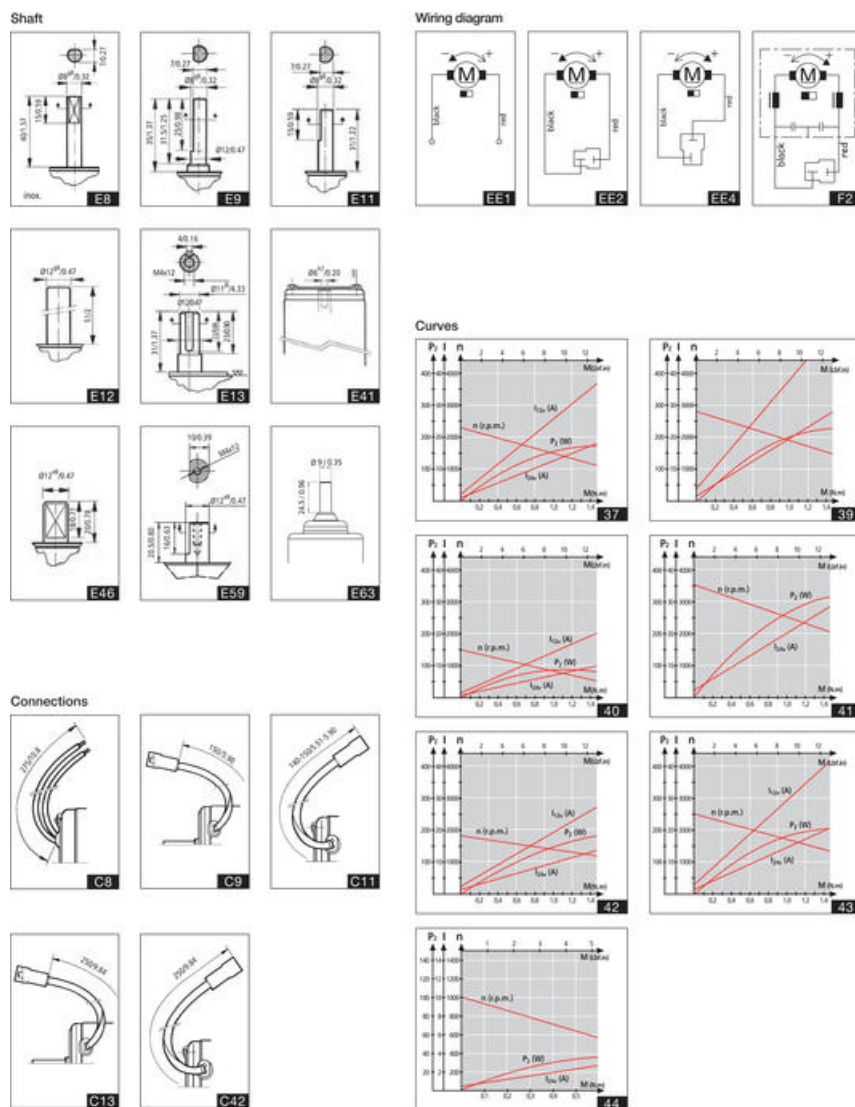
Motortype 168 opfylder tæthedsklasse IP40 og vejer 2,6 kg. De angivne data gælder ved kontinuerlig drift, S1. På engelsk windscreen wiper motor.

| Best. nr.       | Spænding | Nom. hastighed | Nom. moment | Nom. strøm | Startmoment | Startstrøm | Aksel   | Indkobling | Stik | Design | Kurve |
|-----------------|----------|----------------|-------------|------------|-------------|------------|---------|------------|------|--------|-------|
|                 | VDC      | rpm            | Nm          | A          | Nm          | A          |         |            |      |        |       |
| 168.4105.2B.04  | 12       | 1900           | 0.50        | 14         | 3.0         | 64         | E8      | EE1        | C8   | A      | 3     |
| 168.4105.3B.04  | 24       | 1900           | 0.50        | 7          | 3.0         | 32         | E8      | EE1        | C8   | A      | 37    |
| 168.4108.2B.04  | 12       | 2800           | 0.45        | 19         | 3.0         | 100        | E9      | EE4        | C9   | A      | 39    |
| 168.4108.3B.04  | 24       | 2800           | 0.45        | 10         | 3.0         | 52         | E9      | EE4        | C9   | A      | 39    |
| 168.4111.2B.04  | 12       | 1000           | 0.75        | 11         | 2.8         | 36         | E11     | EE2        | C9   | A      | 40    |
| 168.4111.3B.04  | 24       | 1000           | 0.75        | 5.5        | 2.8         | 18         | E11     | EE2        | C9   | A      | 40    |
| 168.4112.2B.04  | 12       | 1500           | 0.70        | 14         | 3.0         | 56         | E12     | EE2        | C11  | A      | 42    |
| 168.4112.3B.04  | 24       | 1500           | 0.70        | 7          | 3.0         | 28         | E12     | EE2        | C11  | A      | 42    |
| 168.4115.3B.04  | 24       | 3000           | 0.50        | 11         | 3.0         | 70         | E13/E41 | EE2        | C13  | A      | 41    |
| 168.4116.2B.04  | 12       | 1900           | 0.50        | 14         | 3.0         | 64         | E8      | EE1        | C8   | D      | 37    |
| 168.4116.3B.04  | 24       | 1900           | 0.50        | 7          | 3.0         | 32         | E8      | EE1        | C8   | D      | 27    |
| 168.4121.3B.04E | 24       | 3000           | 0.50        | 11         | 3.0         | 70         | E11/E11 | F2         | C13  | B      | 41    |
| 168.4122.3B.04  | 24       | 1000           | 0.75        | 5.5        | 2.8         | 18         | E13/E41 | EE2        | C13  | A      | 40    |
| 168.4123.2B.04  | 12       | 2100           | 0.50        | 16         | 3.0         | 7          | E13/E41 | EE2        | C13  | A      | 43    |

|                 |    |      |      |     |     |    |         |     |     |   |    |
|-----------------|----|------|------|-----|-----|----|---------|-----|-----|---|----|
| 168.4123.3B.04  | 24 | 2100 | 0.50 | 8   | 3.0 | 38 | E13/E41 | EE2 | C13 | A | 43 |
| 168.4134.3B.04  | 2  | 750  | 0.30 | 1.5 | 1.5 | 7  | E59     | EE2 | C9  | A | 44 |
| 168.4136.3B.00E | 24 | 1000 | 0.75 | 5.5 | 2.8 | 18 | E63     | F2  | C42 | C | 40 |

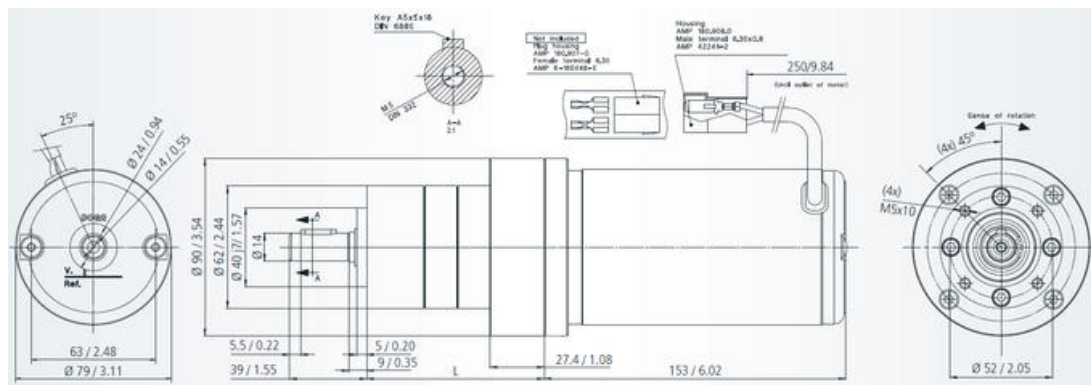
Design





## MOTOR MED PLANETGEAR

| Motor          |                |          |           |       | Gear       |      |        |
|----------------|----------------|----------|-----------|-------|------------|------|--------|
| Best. nr.      | Motortype      | Spænding | Hastighed | Kurve | Udveksling | Trin | Længde |
|                |                | VDC      | rpm       |       | i          |      | mm     |
| 168.4143.2B.00 | 168.4108.2B.00 | 12       | 3200      | 39    | 4:1        | 1    | 73,2   |
| 168.4143.3B.00 | 168.4108.3B.00 | 24       | 3200      | 39    | 4:1        | 1    | 73,2   |
| 168.4144.2B.00 | 168.4108.2B.00 | 12       | 3200      | 39    | 25:1       | 2    | 90,1   |
| 168.4144.3B.00 | 168.4108.3B.00 | 24       | 3200      | 39    | 25:1       | 2    | 90,1   |
| 168.4145.2B.00 | 168.4108.2B.00 | 12       | 3200      | 39    | 71:1       | 3    | 106,9  |
| 168.4145.3B.00 | 168.4108.3B.00 | 24       | 3200      | 39    | 71:1       | 3    | 106,9  |



## SPECIFIKATIONER

|                               |               |
|-------------------------------|---------------|
| <b>Forsyningsspænding</b>     | 12 V DC       |
| <b>Nominal torque</b>         | 0,5 Nm        |
| <b>Nominel hastighed</b>      | 1900 omdr/min |
| <b>Nominel strøm</b>          | 14 A          |
| <b>IP-klasse</b>              | IP40          |
| <b>Shaft Diameter</b>         | 8 mm          |
| <b>Max moment</b>             | 3 Nm          |
| <b>Torque characteristics</b> | 37            |
| <b>Strøm maks</b>             | 64 A          |
| <b>Vægt</b>                   | 2,6 kg        |