

### Input data

|                       |       |            |
|-----------------------|-------|------------|
| System of measurement |       | Metric     |
| Input type            |       | Gear motor |
| Input speed           | [rpm] | 1400       |
| Output speed          | [rpm] | 52.79      |
| Ratio (i=)            |       | 26.52      |
| Frequency             | [Hz]  | 50         |
| Input options         |       | IEC        |
| Requested input power | [kW]  | 0.55       |
| Service factor        |       | 1          |
| Rated Power P1        | [kW]  | 0.55       |

### Output data

**Gear unit** **M RD 12 B3 H1 26.52 80 B14 AU 20x40 MT 0.55 kW 80 A4 B14 X3**

|                     |                     |                        |
|---------------------|---------------------|------------------------|
| Type                |                     | RD - Helical gearboxes |
| Input type          |                     | M                      |
| Size                |                     | 12                     |
| Ratio (i=)          |                     | 26.52                  |
| Input flange        |                     | B14                    |
| Mounting position   |                     | H1                     |
| Input speed         | [rpm]               | 1400                   |
| Output speed        | [rpm]               | 52.79                  |
| Rated output torque | [Nm]                | 95.52                  |
| Service Factor      |                     | 1                      |
| Efficiency          |                     | 0.96                   |
| Inertia moment      | [kgm <sup>2</sup> ] | 0.000052               |

#### Gear unit configuration

|              |  |          |
|--------------|--|----------|
| Fixing       |  | Feet     |
| Output shaft |  | AU 20x40 |

#### Output radial and axial loads

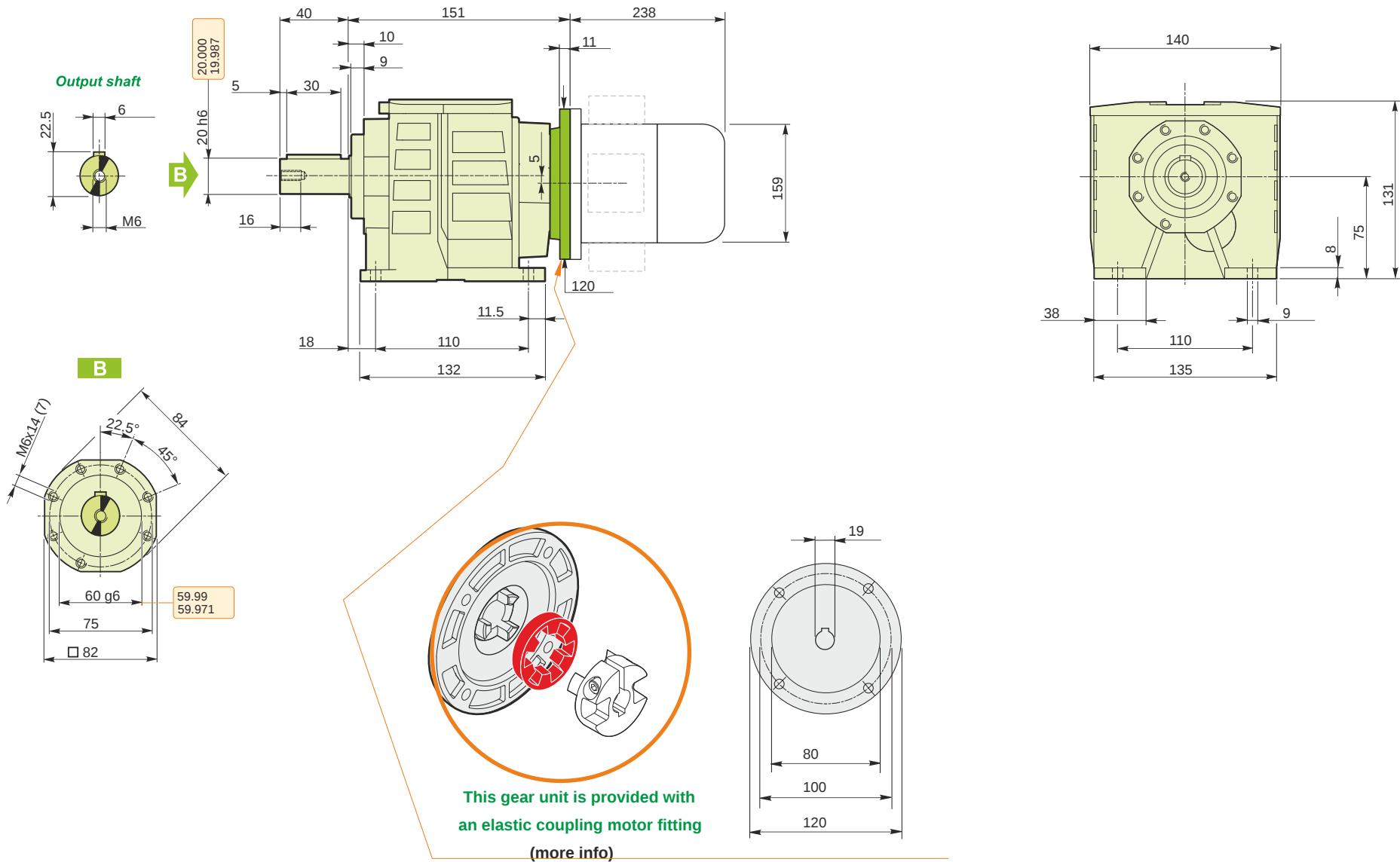
|                    |     |      |
|--------------------|-----|------|
| Output radial load | [N] | 2000 |
| Output axial load  | [N] | 400  |

#### Electric motor

|       |      |       |
|-------|------|-------|
| Size  |      | 80 A4 |
| Poles |      | 4     |
| Power | [kW] | 0.55  |

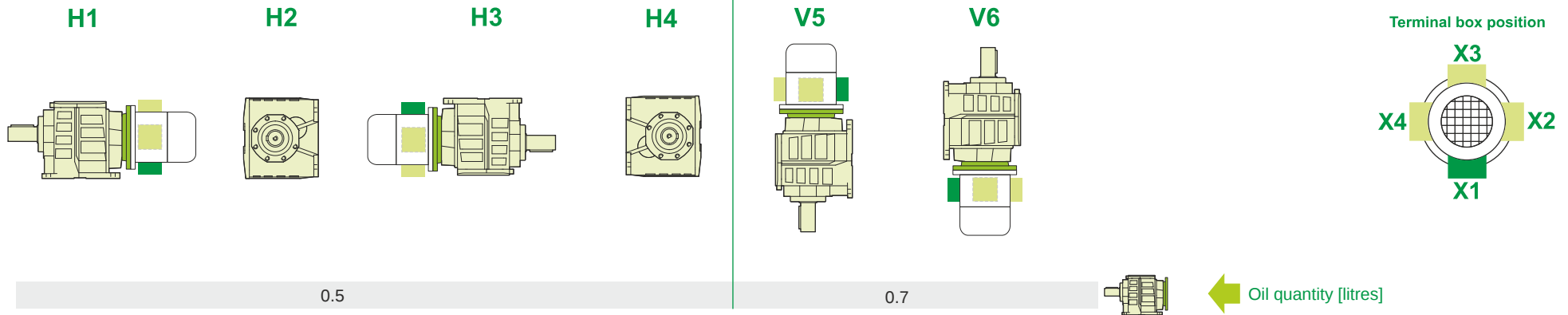
#### Electric motor configuration

|                       |  |     |
|-----------------------|--|-----|
| Motor flange          |  | B14 |
| Terminal box position |  | X3  |



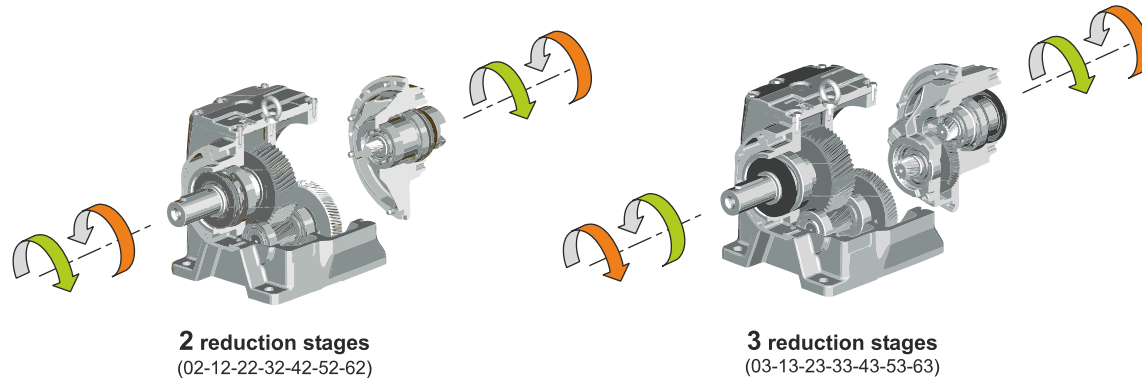
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**Mounting positions**



Lubricant type: Long life synthetic oil ISO VG320

**Direction of rotation**



**Weight**

|                     |     |
|---------------------|-----|
| Gear unit [kg]      | 4.8 |
| Electric motor [kg] | 9.8 |

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