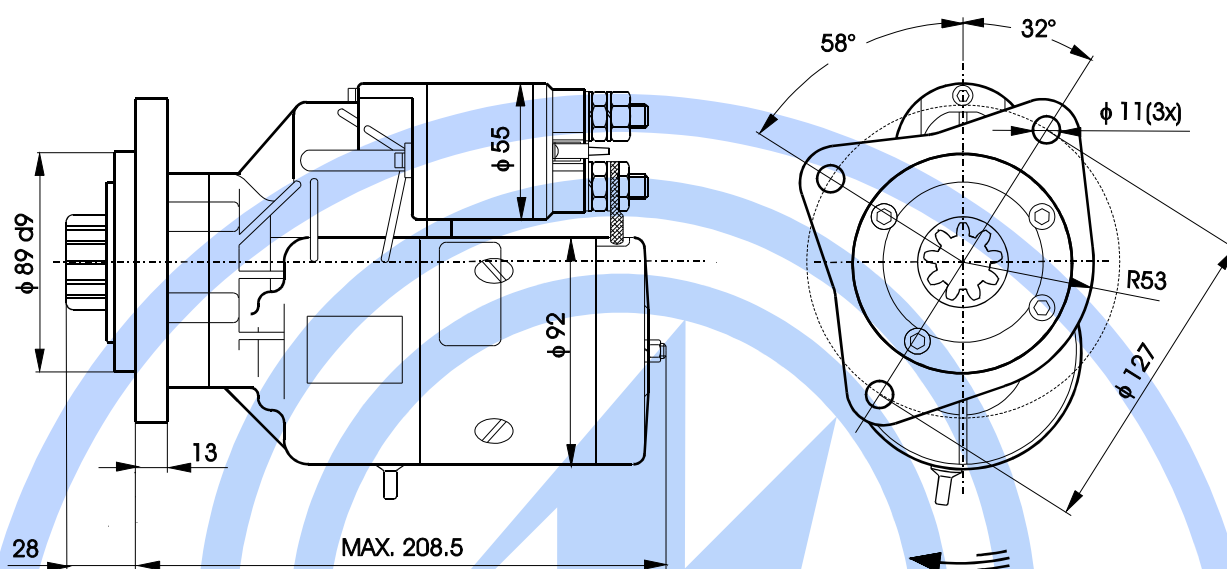


# MAGNETON

## STARTER MOTOR

## 9142 802

### IMPORTANT DIMENSIONS TO FIT ON ENGINE



### TECHNICAL DATA

Nominal voltage  
Rated output  
Rated speed  
Static torque

12V  
2,7kW  
1 500min<sup>-1</sup>  
55Nm

Pinion teeth number  
Module  
Pressure angle  
Weight

9  
3  
15°  
5,3kg

### APPLICATIONS

1. DEUTZ - FAHR

### CROSS REFERENCES

|                   |                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bosch             | 0 001 358 046; 0 001 358 049<br>0 001 362 016; 0 001 362 034<br>0 001 362 091; 0 001 362 305<br>0 001 362 311; 0 001 362 313<br>0 986 010 990; 0 986 011 140<br>0 986 013 680 |
| Iskra<br>Lucas    | IS 0551; 11.130.551; AZJ3169<br>LRS00921                                                                                                                                      |
| HC Parts<br>Hella | CS 114<br>8EA 725 967-001                                                                                                                                                     |
| Deutz             | 116 4668; 117 0051; 117 4166<br>117 5886; 117 8026                                                                                                                            |

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# Použití spouštěče 9142 802

## Applications of starter motor 9142 802

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| BRAND              | MODEL          | TYPE       | ENGINE<br>kW | PS | ccm | PRODUCTION YEAR |
|--------------------|----------------|------------|--------------|----|-----|-----------------|
| <b>ABG</b>         | ALEXANDER 126H | KHD-F3L912 |              |    |     |                 |
| ABG                | ALEXANDER 128G | KHD-F4L912 |              |    |     |                 |
| ABG                | PUMA 168A      | KHD-F3L912 |              |    |     |                 |
| ABG                | PUMA 177V; VS  | KHD-F6L912 |              |    |     |                 |
| ABG                | PUMA 178       | KHD-F6L912 |              |    |     |                 |
| <b>ATLAS</b>       | 1252           | KHD-F3L912 |              |    |     |                 |
| ATLAS              | AR 51BE        | KHD-F3L912 |              |    |     |                 |
| ATLAS              | AR 61A         | KHD-F3L912 |              |    |     |                 |
| ATLAS              | AR 70          | KHD-F4L912 |              |    |     |                 |
| ATLAS              | AS 81          | KHD-F3L912 |              |    |     |                 |
| ATLAS Copco        | ST 35          | KHD-F3L912 |              |    |     |                 |
| ATLAS Copco        | ST 48          | KHD-F4L912 |              |    |     |                 |
| ATLAS Copco        | STS 35         | KHD-F3L912 |              |    |     |                 |
| ATLAS Copco        | STS 48         | KHD-F4L912 |              |    |     |                 |
| <b>BOMAG</b>       | BW 211; B      | KHD-F6L912 |              |    |     |                 |
| BOSCH              | DDOD 27        | KHD-F3L912 |              |    |     |                 |
| BOSCH              | DDOD 36        | KHD-F4L912 |              |    |     |                 |
| CASE International | TY2P           |            |              |    |     |                 |
| CASE International | TY45           |            |              |    |     |                 |
| CLAAS              | MERCATOR 75R   | KHD-F6L912 |              |    |     |                 |
| <b>DEUTZ AG</b>    | D 4007         | F3L912     |              |    |     |                 |
| DEUTZ AG           | D 4507; C      | F3L912.29  |              |    |     |                 |
| DEUTZ AG           | D 4807; C      | F3L912.33  |              |    |     |                 |
| DEUTZ AG           | D 5207; C      | F3L912.38  |              |    |     |                 |
| DEUTZ AG           | D 6007; C      | F3L913     |              |    |     |                 |
| DEUTZ AG           | D 6207; C      | F4L912.44  |              |    |     |                 |
| DEUTZ AG           | D 6507; C      | F4L912     |              |    |     |                 |
| DEUTZ AG           | D 6807; C      | F4L912.48  |              |    |     |                 |
| DEUTZ AG           | D 7207; C      | F4L913     |              |    |     |                 |
| DEUTZ AG           | D 7807         | F4L913     |              |    |     |                 |
| DEUTZ AG           | D 7807C        | F4L913.55  |              |    |     |                 |
| DEUTZ AG           | DX 110         | F6L912     |              |    |     |                 |
| DEUTZ AG           | DX 120         | F6L913     |              |    |     |                 |
| DEUTZ AG           | DX 80          | F4L913     |              |    |     |                 |
| DEUTZ AG           | DX 85          | F5L912     |              |    |     |                 |
| DEUTZ AG           | DX 86          | BF4L913T   |              |    |     |                 |
| DEUTZ AG           | DX 90          | F5L912     |              |    |     |                 |
| DEUTZ AG           | DX 92          | BF4L913    |              |    |     |                 |
| DEUTZ AG           | DX 92          | BF4L913T   |              |    |     |                 |
| DEUTZ AG           | INTRAC 2002    | F4L912     |              |    |     |                 |
| <b>DEUTZ-FAHR</b>  | DX 3.30V/F     | F3L912     |              |    |     |                 |
| DEUTZ-FAHR         | DX 3.50A       | F3L913     |              |    |     |                 |
| DEUTZ-FAHR         | DX 3.50V/F     | F3L913     |              |    |     |                 |
| DEUTZ-FAHR         | DX 3.60A       | F4L912     |              |    |     |                 |
| DEUTZ-FAHR         | DX 3.70A       | F4L912     |              |    |     |                 |
| DEUTZ-FAHR         | DX 3.70V/F     | F4L912     |              |    |     |                 |
| DEUTZ-FAHR         | DX 3.80        | F4L913     |              |    |     |                 |
| DEUTZ-FAHR         | DX 3.90A       | F4L913     |              |    |     |                 |
| DEUTZ-FAHR         | DX 3.90V/F     | F4L913     |              |    |     |                 |
| DEUTZ-FAHR         | DX 4.10        | F4L912     |              |    |     |                 |
| DEUTZ-FAHR         | DX 4.30A       | F4L913     |              |    |     |                 |
| DEUTZ-FAHR         | DX 4.31        | F4L913     |              |    |     |                 |
| DEUTZ-FAHR         | DX 4.50A       | BF4L913T   |              |    |     |                 |
| DEUTZ-FAHR         | DX 4.51        | BF4L913T   |              |    |     |                 |

# Použití spouštěče 9142 802

## Applications of starter motor 9142 802

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| BRAND                | MODEL             | TYPE     | ENGINE<br>kW | PS | ccm | PRODUCTION YEAR |
|----------------------|-------------------|----------|--------------|----|-----|-----------------|
| DEUTZ-FAHR           | DX 4.70A          | BF4L913  |              |    |     |                 |
| DEUTZ-FAHR           | DX 6.05/5.10A     | F6L912   |              |    |     |                 |
| DEUTZ-FAHR           | DX 6.30A          | F6L913   |              |    |     |                 |
| DEUTZ-FAHR           | DX 6.31A          | BF6L913T |              |    |     |                 |
| DEUTZ-FAHR           | DX 6.50A          | BF6L913  |              |    |     |                 |
| DEUTZ-FAHR           | DX 6.60           | BF6L913  |              |    |     |                 |
| DEUTZ-FAHR           | DX 7.10A          | BF6L913  |              |    |     |                 |
| DEUTZ-FAHR           | INTRAC 2004       | F4L912   |              |    |     |                 |
| DEUTZ-FAHR           | INTRAC 6.30       | F6L913   |              |    |     |                 |
| DEUTZ-FAHR           | INTRAC 6.30 Turbo | BF6L913T |              |    |     |                 |
| DEUTZ-FAHR           | M 1080            | F5L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 1202            | F6L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 2385            | F6L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 3300            | F4L912   |              |    |     |                 |
| DEUTZ-FAHR           | M980              | F4L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 1320            | F6L913   |              |    |     |                 |
| DEUTZ-FAHR           | M 2480            | F6L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 2580            | F6L913   |              |    |     |                 |
| DEUTZ-FAHR           | M 2680            | F6L913   |              |    |     |                 |
| DEUTZ-FAHR           | M 600             | F3L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 660             | F3L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 750             | F4L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 770             | F4L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 922             | F4L912   |              |    |     |                 |
| DEUTZ-FAHR           | M 980             | F4L912   |              |    |     |                 |
| <b>FENDT</b>         | F 200S            | F3L912   |              |    |     |                 |
| FENDT                | F 275GT           | F4L912   |              |    |     |                 |
| FENDT                | FARMER 204P/FL166 | F4L912   |              |    |     |                 |
| <b>HAMM</b>          | DV 10-C           | F5L912   |              |    |     |                 |
| HAMM                 | GRW 10            | F6L912   |              |    |     |                 |
| HAMM                 | GRW 15            | F6L912   |              |    |     |                 |
| HAMM                 | VTD 8.5           | F3L912   |              |    |     |                 |
| <b>HANOMAG</b>       | F 45V Diesel      | D141L    |              |    |     |                 |
| HANOMAG              | F 46.55           | D142L1   |              |    |     |                 |
| <b>IH</b>            | 3944 Yumbo        | F4L912   |              |    |     |                 |
| IH                   | 3945 Yumbo        | F4L912   |              |    |     |                 |
| IH                   | 3960 Yumbo        | F6L912   |              |    |     |                 |
| IH                   | 3691 Yumbo        | F6L912   |              |    |     |                 |
| <b>IRMER U. ELZE</b> | D341 SL           | F3L912   |              |    |     |                 |
| IRMER U. ELZE        | D451 R9DDG; SL    | F4L912   |              |    |     |                 |
| IRMER U. ELZE        | S551 7SL          | F3L912   |              |    |     |                 |
| IRMER U. ELZE        | S551 S/S          | F3L912   |              |    |     |                 |
| <b>IVECO</b>         | 110 13A...        | BF6L913T |              |    |     |                 |
| IVECO                | 130 13A...        | BF6L913T |              |    |     |                 |
| IVECO                | 75 9A...          | F4L913   |              |    |     |                 |
| IVECO                | 80 13A...         | BF6L913T |              |    |     |                 |
| IVECO                | 80 9A...          | F4L913   |              |    |     |                 |
| IVECO                | 90 13A...         | F6L913   |              |    |     |                 |
| IVECO                | 90 9A...          | F4L913   |              |    |     |                 |
| <b>JW</b>            | JW 1000           | F5L912   |              |    |     |                 |
| JW                   | JW 550            | F3L912   |              |    |     |                 |
| JW                   | JW 750            | F4L912   |              |    |     |                 |

# Použití spouštěče 9142 802

## Applications of starter motor 9142 802

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| BRAND               | MODEL   | TYPE        | ENGINE<br>kW | PS | ccm | PRODUCTION YEAR |
|---------------------|---------|-------------|--------------|----|-----|-----------------|
| <b>KRAMER</b>       | 312 S   | F3L912-K34L |              |    |     |                 |
| KRAMER              | 312 SE  | F3L912-K34L |              |    |     |                 |
| KRAMER              | 413 E   | F3L912-K35L |              |    |     |                 |
| KRAMER              | 416     | F3L912-K36B |              |    |     |                 |
| KRAMER              | 416 E   | F3L912-K418 |              |    |     |                 |
| KRAMER              | 516     | F3L912-K41B |              |    |     |                 |
| <b>LIEBHERR</b>     | R 911   | F4L912      |              |    |     |                 |
| LIEBHERR            | R 921 B | F4L912      |              |    |     |                 |
| <b>LINDE</b>        | H 20    | F3L913G     |              |    |     |                 |
| LINDE               | H 25    | F3L913G     |              |    |     |                 |
| LINDE               | H 30    | F3L913G     |              |    |     |                 |
| LINDE               | H 35    | F4L912      |              |    |     |                 |
| LINDE               | H 40    | F4L912      |              |    |     |                 |
| LINDE               | H 70    | F6L912      |              |    |     |                 |
| <b>MENGELE</b>      | HM 1020 | F3L912      |              |    |     |                 |
| MENGELE             | HM 1024 | F4L912      |              |    |     |                 |
| MENGELE             | HM 1030 | F4L912      |              |    |     |                 |
| MENGELE             | HR 1020 | F3L912      |              |    |     |                 |
| MENGELE             | HR 1030 | F4L912      |              |    |     |                 |
| <b>O&amp;K</b>      | L 7     | F3L912      |              |    |     |                 |
| <b>SCHAEF</b>       | HML 30  | F3L912      |              |    |     |                 |
| SCHAEF              | SKL 500 | F3L912      |              |    |     |                 |
| SCHAEF              | SKL 700 | F3L912      |              |    |     |                 |
| <b>SENNEBOGEN</b>   | S 883   | F3L912      |              |    |     |                 |
| SENNEBOGEN          | SK 15   | F6L912      |              |    |     |                 |
| SENNEBOGEN          | SK 9    | F4L912      |              |    |     |                 |
| <b>WESSERHUETTE</b> | HW 50M  | F3L912      |              |    |     |                 |

# Náhradní díly spouštěče 9142 802

## Spare parts of starter motor 9142 802

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|                                                          |                    |
|----------------------------------------------------------|--------------------|
| 1.0 Víko přední<br>Front bracket                         | Cat. No. 6956170   |
| 2.0 Náhon pastorku<br>Pinion drive                       | Cat. No. 7152050   |
| 2.1 Hřídel pastorková<br>Pinion shaft                    | Cat. No. 3371140   |
| 2.2 Ložisko<br>Bearing                                   | Cat. No. 324165033 |
| 2.3 Volnoběžka sestavená<br>Clutch drive assy            | Cat. No. 7157980   |
| 2.4 Ložisko<br>Bearing                                   | Cat. No. 324165032 |
| 2.5 Volnoběžka<br>Clutch                                 | Cat. No. 7157970   |
| 3.0 Víko převodové<br>Gear bracket                       | Cat. No. 6956560   |
| 4.0 Kotva sestavená<br>Armature assy                     | Cat. No. 715154A   |
| 5.0 Stator s držákem kartáčů<br>Stator with brush holder | Cat. No. 7153820   |
| 5.1 Nosič kartáčů sestavený<br>Brush holder assy         | Cat. No. 7151610   |
| 5.2 Sada kartáčů<br>Brush set                            | Cat. No. -         |
| 6.0 Spínač sestavený<br>Contactor assy                   | Cat. No. 7154165   |
| 6.1 Víčko sestavené<br>Lid assy                          | Cat. No. 7157950   |
| 6.2 Pružina<br>Spring                                    | Cat. No. 4600207   |
| 7.0 Páka vysouvací<br>Operation lever                    | Cat. No. 5233940   |
| 8.0 Víko zadní<br>Rear bracket                           | Cat. No. 165843C   |

### Poznámka Note

- Spínač sestavený bude dodáván včetně 3ks šroubů M5x45.  
Contactor assy will be supplied with 3 pcs. screw M5x45.
- Víko převodové bude dodáváno včetně ložiska HK2212, komínku a ucpávky  
Transmission cover will be supplied with bearing HK2212, dewatering and sealing.
- Pastorková hřídel bude dodávána včetně pružiny, zajišťovacího a pojistného kroužku.  
Pinion shaft will be supplied with shoting spring, stop ring and lock spring.

