



High End Elektromotoren

# PLETTENBERG

## NOVA 15/50/B3 S P30 HF

Spannung: 70 V

$n_l=9990.3\text{U/min}$   
 $n_s=143.8\text{U/min/V}$

$I_o=8.5\text{A}$   
 $k_n=-11.02\text{U/min/A}$

$k_M=7.31\text{Ncm/A}$

| Spannung<br>[V] | Strom<br>[A] | Drehzahl<br>[U/min] | Pin<br>[W] | Pout<br>[W] | Drehmoment<br>[Ncm] | Wirkungsgrad<br>[%] |
|-----------------|--------------|---------------------|------------|-------------|---------------------|---------------------|
| 70.0            | 40.0         | 9643.1              | 2799.4     | 2325.9      | 230.3               | 83.08               |
| 70.0            | 45.0         | 9588.0              | 3148.6     | 2679.7      | 266.9               | 85.11               |
| 70.0            | 50.0         | 9532.9              | 3497.7     | 3029.3      | 303.5               | 86.61               |
| 69.9            | 55.0         | 9477.8              | 3846.6     | 3374.7      | 340.0               | 87.73               |
| 69.9            | 60.0         | 9422.7              | 4195.3     | 3715.9      | 376.6               | 88.57               |
| 69.9            | 65.0         | 9367.6              | 4543.9     | 4052.9      | 413.1               | 89.19               |
| 69.9            | 70.0         | 9312.4              | 4892.3     | 4385.6      | 449.7               | 89.64               |
| 69.9            | 75.0         | 9257.3              | 5240.5     | 4714.1      | 486.3               | 89.96               |
| 69.9            | 80.0         | 9202.2              | 5588.6     | 5038.4      | 522.8               | 90.16               |
| 69.8            | 85.0         | 9147.1              | 5936.5     | 5358.5      | 559.4               | 90.26               |
| 69.8            | 90.0         | 9092.0              | 6284.3     | 5674.3      | 596.0               | 90.29               |
| 69.8            | 95.0         | 9036.8              | 6631.9     | 5986.0      | 632.5               | 90.26               |
| 69.8            | 100.0        | 8981.7              | 6979.4     | 6293.4      | 669.1               | 90.17               |
| 69.8            | 105.0        | 8926.6              | 7326.6     | 6596.6      | 705.7               | 90.04               |
| 69.8            | 110.0        | 8871.5              | 7673.8     | 6895.5      | 742.2               | 89.86               |
| 69.7            | 115.0        | 8816.4              | 8020.7     | 7190.3      | 778.8               | 89.65               |
| 69.7            | 120.0        | 8761.2              | 8367.5     | 7480.8      | 815.4               | 89.40               |
| 69.7            | 125.0        | 8706.1              | 8714.2     | 7767.1      | 851.9               | 89.13               |
| 69.7            | 130.0        | 8651.0              | 9060.7     | 8049.2      | 888.5               | 88.84               |
| 69.7            | 135.0        | 8595.9              | 9407.0     | 8327.1      | 925.1               | 88.52               |
| 69.7            | 140.0        | 8540.8              | 9753.2     | 8600.7      | 961.6               | 88.18               |
| 69.6            | 145.0        | 8485.6              | 10099.2    | 8870.1      | 998.2               | 87.83               |
| 69.6            | 150.0        | 8430.5              | 10445.0    | 9135.3      | 1034.8              | 87.46               |
| 69.6            | 155.0        | 8375.4              | 10790.7    | 9396.3      | 1071.3              | 87.08               |
| 69.6            | 160.0        | 8320.3              | 11136.2    | 9653.0      | 1107.9              | 86.68               |
| 69.6            | 165.0        | 8265.2              | 11481.6    | 9905.6      | 1144.5              | 86.27               |
| 69.6            | 170.0        | 8210.0              | 11826.8    | 10153.9     | 1181.0              | 85.86               |
| 69.6            | 175.0        | 8154.9              | 12171.8    | 10398.0     | 1217.6              | 85.43               |
| 69.5            | 180.0        | 8099.8              | 12516.7    | 10637.9     | 1254.2              | 84.99               |
| 69.5            | 185.0        | 8044.7              | 12861.4    | 10873.5     | 1290.7              | 84.54               |
| 69.5            | 190.0        | 7989.6              | 13206.0    | 11104.9     | 1327.3              | 84.09               |
| 69.5            | 195.0        | 7934.4              | 13550.4    | 11332.1     | 1363.8              | 83.63               |
| 69.5            | 200.0        | 7879.3              | 13894.6    | 11555.1     | 1400.4              | 83.16               |

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