

INDUSTRIAL BRUSHED DC MOTOR

LV110ZYT155-50RV30-ZD-BM

The high efficiency DC motor is a brush type, permanent-magnet motor. With the constant flux field, the speed-torque and current-torque curves are linear, and reliability and efficiency are improved. Two leads from the motor allow simple reversing.

The brushed DC motor is furnished with a heavy duty integral gear unit with a wide range of reductions. Gearing is designed with worm gears for quiet operation and hardened spur.

Notes:

- 24 Vdc is standard. Contact factory for other voltages. Motors are available with 12, and 48 Vdc windings models.
- All performance data based upon operation with uniform DC current. Rectified and nonfiltered AC change performance values.

Torque output:	47 Nm
Nominal Voltage:	24 Vdc (wide range)
Operating Ambient Temp:	< 70°C
Gearing:	50RV30 Worm type, 71B14 interface, ratio 1:30
Max power:	700 W
Max output speed:	3000 rpm
Max current:	30 A
Leads:	2 leads 4mm ² x 500mm
Brake:	24 Vdc, 6 Nm
Encoder:	Dual phase 90° difference, 1000 P/R
Protection:	IP54
Note: Typical data subject to change without notification	

