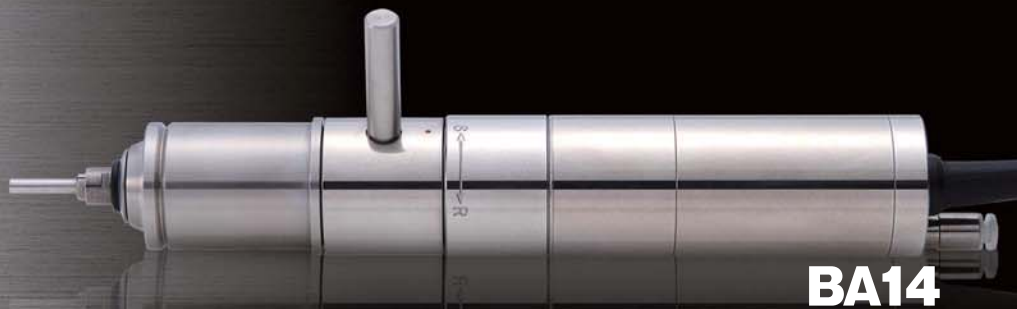
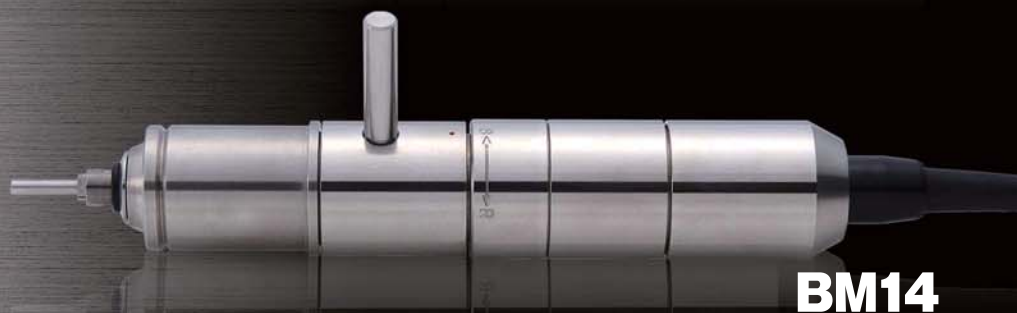


For Small Desktop Robot

BRUSHLESS SPINDLE MOTOR UNIT



BA14



BM14

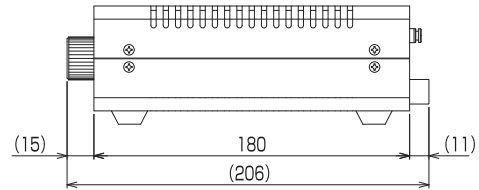
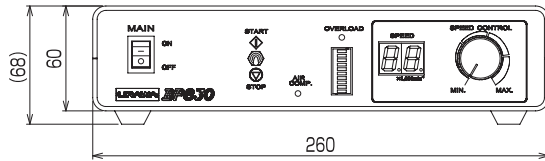
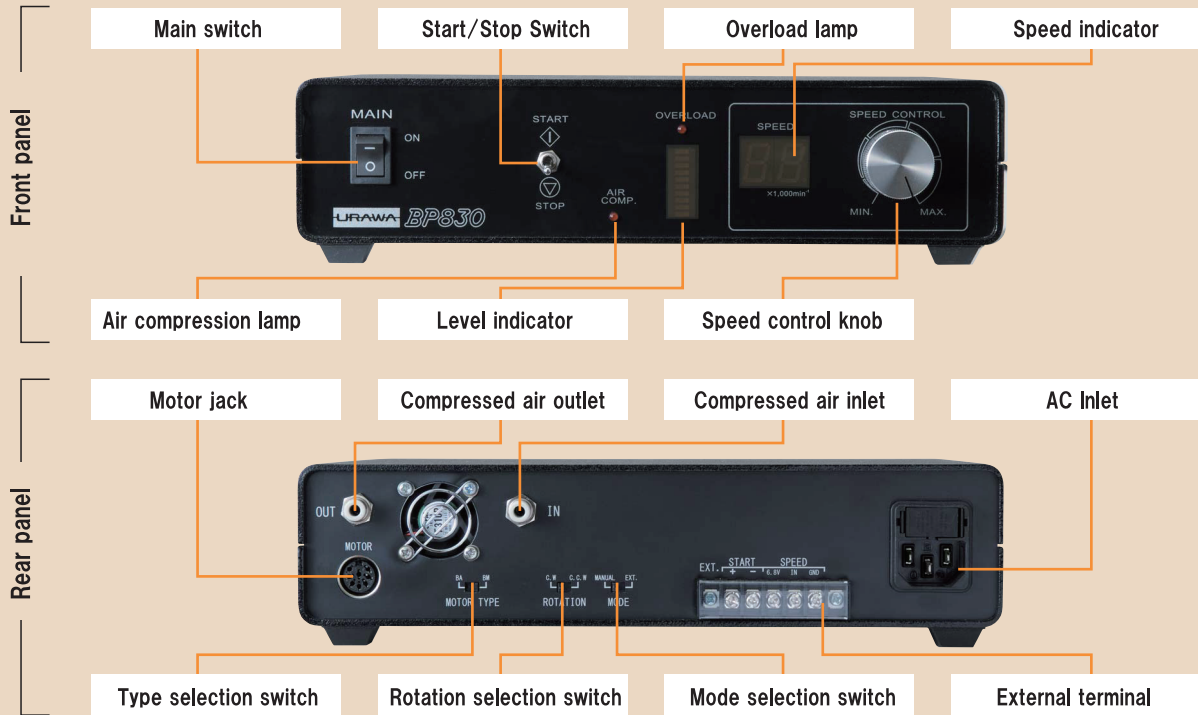


URAWA BP830

BP830

CONTROLLER

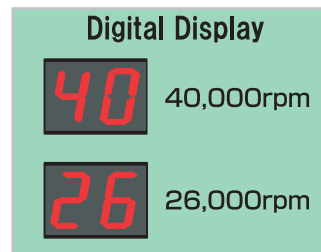
BP830



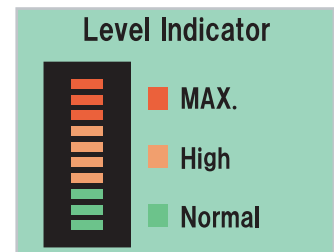
BP830 Feature

- **Digital speed display**
Digital display for rotation speed of spindle motor
- **Level indicator**
10 steps load indicator for comfortable operation
- **External terminal**
Start/Stop and speed control by external
- **Air pressure sensor (BA14)**
When pressure goes down, it stops automatically for safety
- **Control panel**
Well designed control panel for avoiding operation mistake

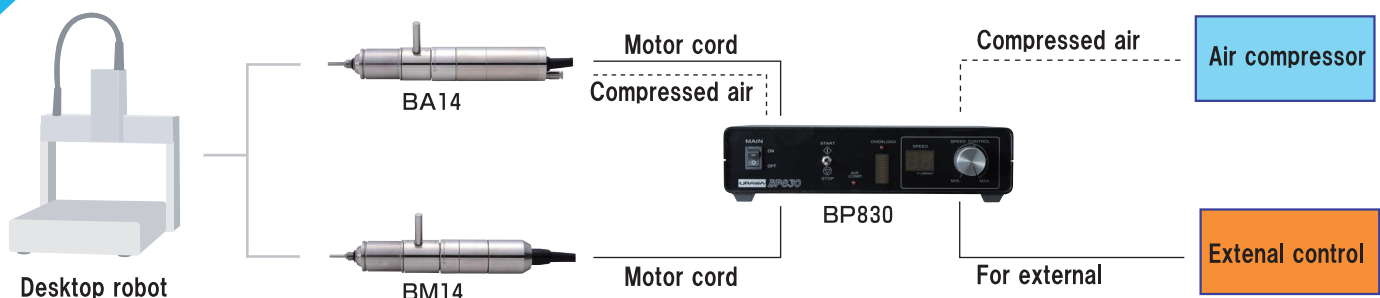
BP830	
Input	AC100~240V 50/60Hz
Dimensions	W260xD206×H68
Weight	1.7kg
Air pressure	0.1~0.3MPa



(X 1,000rpm)



Connection

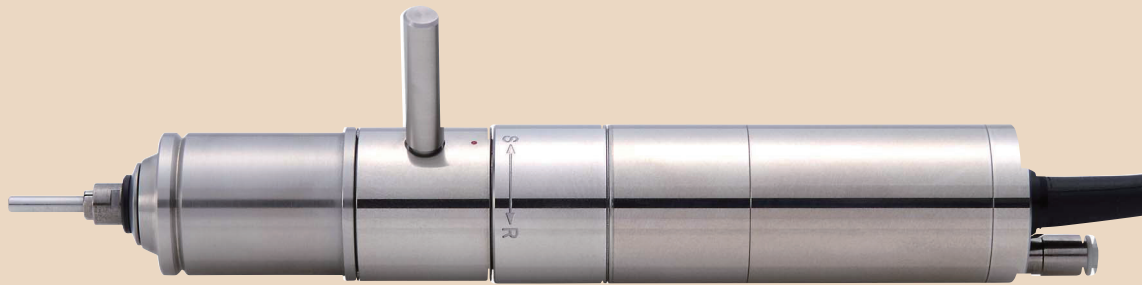


*Compressed air is not necessary for BM14

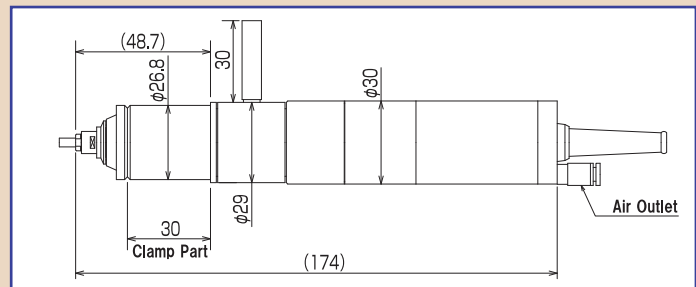
BRUSHLESS SPINDLE MOTOR

Using Ceramic Ball Bearing

BA14 AIR SUPPLYING TYPE



BA14	
MAX. R.P.M.	40,000rpm
Dimensions	φ30 (MAX) × L174mm
Clamp Part	φ26.8mm
Weight	580g (Except Cord)
Motor Cord	2m
Mounted Collet Chuck	φ3.175mm
Supplied Air Pressure	0.1 ~ 0.3MPa

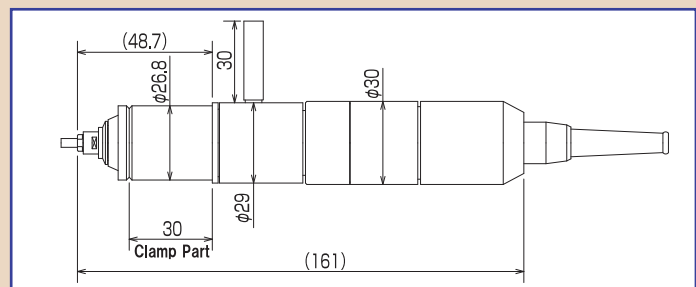


*Supplied compressed Air should be filtered dry and clean Air

BM14 SELF-COOLING TYPE



BM14	
MAX. R.P.M.	40,000rpm
Dimensions	φ30 (MAX) × L161mm
Clamp Part	φ26.8mm
Weight	540g (Except Cord)
Motor Cord	2m
Mounted Collet Chuck	φ3.175mm



*Compressed Air is not necessary

BA14, BM14 Feature

- **Compact DC Brushless Spindle motor**
Designed for mounting to the compact and desktop robot
- **Quick tool changing system**
It is easy to change router bit by only turning the lever
- **Ceramic ball bearing**
Using ceramic ball bearing for long life time
- **Dust proof Mechanism**
BA14:Labyrinth seal and Airpurg prevents dusts
BM14:Labyrinth seal prevents dusts
- **Long time operation**
BA14:Air cooling system allows even longer operation
BM14:Self cooling fan allows long time operation

How to change tools (BA14&BM14)

