

- ➔ Bholanath-Nikit presents 4 axis SCARA robots for pick and place applications to automate high volume manufacturing lines as well as small scale operations.
- ➔ Introducing our best buddy SCARA 1:2:4. From 0 to 5 kg, within 0 to 2.5 seconds per cycle, every pick and place at an accuracy of 0.03mm and life cycle of 50,000 hrs.

NB-1:2:4-80

A four axis SCARA Robot with maximum load capacity of 5kgs with reach of 300 degrees and z-axis linear range of 150mm. Positioning and repeatability within +/- 0.01 degree.

Technical Specification

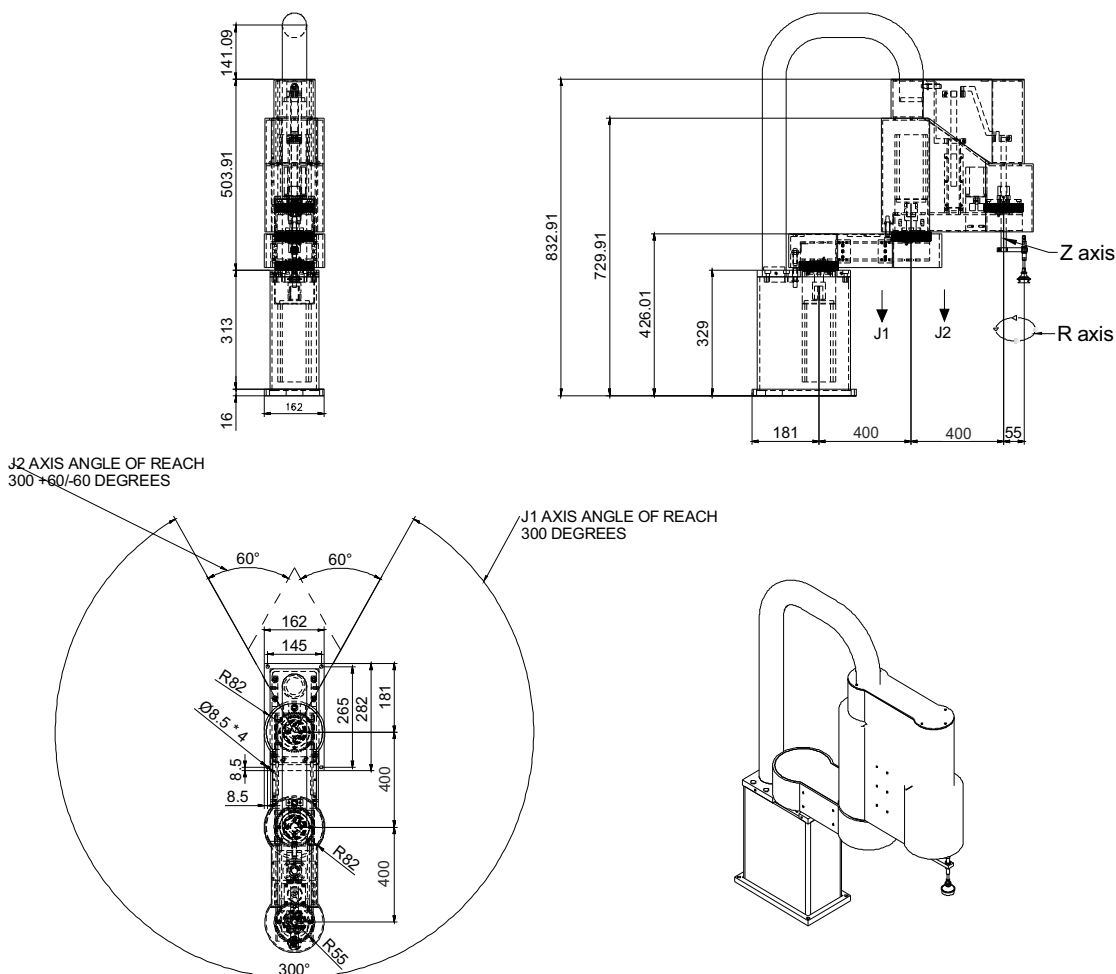
MODEL	NB 1:2:4 - 80
ROBOT FAMILY	SCARA
NUMBER OF AXIS	4
TOTAL ARM LENGTH	800mm
J1-AXIS ARM LENGTH	400mm
J1-AXIS ARM ROTATION RANGE	+/- 130deg
J2-AXIS ARM LENGTH	400mm
J2-AXIS ARM ROTATION RANGE	+/- 155deg
Z-AXIS LINEAR RANGE	150mm
R-AXIS ROTATION RANGE	+/-360deg
J1-AXIS ARM TOP SPEED	300deg/sec
J2-AXIS ARM TOP SPEED	300deg/sec
Z-AXIS TOP SPEED	0.8m/sec
R-AXIS TOP SPEED	1440deg/sec
POSITIONING & REPEATABILITY OF J1,J2 & Z	+/-0.09mm
POSITIONING & REPEATABILITY OF R	+/-0.01deg
MAXIMUM LOAD CAPACITY	5kg
END LIMIT PROTECTION	SOFTWARE & HARD LIMIT OF J1, J2, Z & R
SCARA WEIGHT	39kg
TOTAL WEIGHT WITH PANEL BOARD	64kg



Dimension drawing details of NB-1:2:4 – 80

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Bholanath And Nikit Engineers(**BHNKT**)Have Developed 4Axis SCARA Robots, a Made In India Product.

The Most Cost Effective In Its segment, Perhaps More As complete Family And Not In Parts as It Comes With AI-inclusive Package And Best Teach As You Go Features.

BHNKT SCARA Excels In Pick And Place” Its Unique Ability To Pick Up Component From One Location And Place Them In Another With Precision, Speed And Smooth Motion.

BHOLANATH -NIKIT SCARA Robots Automate Tasks To Accelerate Cycle Time, Increase Throughput and Eliminate Bottlenecks.

Advance Controls Make The Robots User Friendlier Than Ever, With Fewer Back End Programming Requirments

It is Ideal For Packaging, High Speed Assembly, Loading And Unloading in Machines Like Press Tool and Pick and place Operation.

BHNKT Robots Are High Performance, Cost Efficient And Maintenance Free Robots

Contact Us

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