
Loadpoint Bearings Knowledge Base

Standard Range of Dicing Spindles

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Spindle Model
Minimum Blade Diameter
Length mm
Maximum Wafer Diameter
Maximum Speed RPM
Radial Stiffness 5.5 Bar
Radial Load 5.5 Bar
Round Mounting
Flange Mounting
Gantry Mounting
Motor Type
Motor Power Kw

D01001
50 mm
346
153 mm
40,000
7 N'um
8 kg
YES
NO
NO
AC
1

D03206
100 mm
433
N/A
30,000
12 N'um
15 kg
YES
NO
NO
AC
1.8

D03423
50 mm
330
UNLIMITED
60,000
12 N'um
12 kg
NO
NO
YES
DC
1.2

D03603
100 mm
406
N/A
20,000
20 N'um
22 kg
YES
NO
NO
AC
2

D03604
100 mm
406
N/A
30,000
20 N'um
22 kg
YES
NO
NO
DC
3.5

D03964
50 mm
403
305 mm
60,000
12 N'um
14 kg
NO
YES
NO
DC
1.2

D04063
50 mm
441
254 mm
40,000
10 N'um
10 kg
YES
NO
NO
AC
2.2

D04137
50 mm
442
254 mm
40,000
7 N'um
8 kg
YES
NO
NO

AC
1

D04283
50 mm
346
153 mm
40,000
10 N'um
12 kg
YES
NO
NO
AC
2.2

D04393
50 mm
346
153 mm
40,000
10 N'um
12 kg
YES
NO
NO
DC
2.5

Do4437
75 mm
413
N/A
30,000
20 N'um
22 kg
YES
NO
NO
DC
2.2