

CDAC CHENNAI MCA/CMM Reporting

Op.Name: Unknown Part no: 5752 Part descr: DISK SEPERATOR Char.No: 1 Char.Class: Unknown Nom.val: 88.5 Char.Remark:	Evaluation from 2025-07-05 00:00:00 to 2025-07-05 00:00:00 OP no: Unknown Char.Descr: O.D Calc.Tol: 1.0 Unit:	USL: 89.0 LSL: 88.0	Date: 2025-05-19 00:19:22 Page: 1 Drw.No: DLG/MCDJ/DISK SEPERATOR/01 Mach.Descr: Unknown Subgr.size: Unknown Subgr.type: Unknown
--	--	------------------------	---

No chart available

Drawing Values	Collected Values	Statistics
Tm = 88.500000 LSL = 88.000000 USL = 89.000000 T = 1.000000 Char.Class = Unknown	\bar{x} = 88.550000 x_{\min} = 88.200000 x_{\max} = 88.880000 R = 0.680000 n_{eff} = 125 n_{tot} = 125 n = N/A n_{USL} = 0 n_{LSL} = 0	\bar{x} = 88.559520 s = 0.135759 $x_{50\%}$ = 88.550000 $x_{0.135\%}$ = N/A $x_{99.865\%}$ = N/A 6s = 0.814552

Anderson-Darling test: H0 : subgroup is derived from a Normal distribution

p value: 0.114823

Distribution: Normal Distribution

Calculation Methods: M2,1 percentile (0.135%-50%-99.865%)

=

Potential Capability Index (A) Cp: 1.074960 <= 1.227669 <= 1.380144 ↓

Critical Capability Index (A) Cpk: 0.860507 <= 1.081527 <= 1.302548 ↓

Demand Potential Capability Index (A) Cp target: 2.06

Demand Critical Capability Index (A) Cpk target: 2.06

Requirements were not met (Cp, Cpk, LV) ↓

Page 1 of 4

CDAC CHENNAI MCA/CMM Reporting

Op.Name: Unknown Part no: 5752 Part descr: DISK SEPERATOR Char.No: 2 Char.Class: Unknown Nom.val: 22.5 Char.Remark:	Evaluation from 2025-07-05 00:00:00 to 2025-07-05 00:00:00 OP no: Unknown Char.Descr: I.D Calc.Tol: 1.0 Unit:	USL: 23.0 LSL: 22.0	Date: 2025-05-19 00:19:22 Page: 2 Drw.No: DLG/MCDJ/DISK SEPERATOR/01 Mach.Descr: Unknown Subgr.size: Unknown Subgr.type: Unknown
--	--	------------------------	---

No chart available

Drawing Values	Collected Values	Statistics
Tm = 22.500000 LSL = 22.000000 USL = 23.000000 T = 1.000000 Char.Class = Unknown	\bar{x} = 22.570000 x_{\min} = 22.170000 x_{\max} = 22.760000 R = 0.590000 n_{eff} = 125 n_{tot} = 125 n = N/A n_{USL} = 0 n_{LSL} = 0	\bar{x} = 22.544160 s = 0.111270 $x_{50\%}$ = 22.570000 $x_{0.135\%}$ = N/A $x_{99.865\%}$ = N/A 6s = 0.667618

Anderson-Darling test: H1 : subgroup is not derived from a Normal distribution

p value: 0.000003

Distribution: Weibull Distribution

Calculation Methods: M2,1 percentile (0.135%-50%-99.865%)

=

Potential Capability Index (A) Cp: 1.311544 <= 1.497862 <= 1.683895 ↓

Critical Capability Index (A) Cpk: 1.121406 <= 1.365571 <= 1.609737 ↓

Demand Potential Capability Index (A) Cp target: 2.06

Demand Critical Capability Index (A) Cpk target: 2.06

Requirements were not met (Cp, Cpk, LV) ↓

Page 2 of 4

CDAC CHENNAI MCA/CMM Reporting

Op.Name: Unknown Part no: 5752 Part descr: DISK SEPERATOR Char.No: 3 Char.Class: Unknown Nom.val: 1.0 Char.Remark:	Evaluation from 2025-07-05 00:00:00 to 2025-07-05 00:00:00 OP no: Unknown Char.Descr: Thickness Calc.Tol: 0.29999999999999993 Unit:	USL: 1.15 LSL: 0.85	Date: 2025-05-19 00:19:22 Page: 3 Drw.No: DLG/MCDJ/DISK SEPERATOR/01 Mach.Descr: Unknown Subgr.size: Unknown Subgr.type: Unknown
---	--	------------------------	---

No chart available

Drawing Values	Collected Values	Statistics
Tm = 1.000000 LSL = 0.850000 USL = 1.150000 T = 0.300000 Char.Class = Unknown	\bar{x} = 1.010000 x_{\min} = 0.099000 x_{\max} = 1.120000 R = 1.021000 n_{eff} = 125 n_{tot} = 125 n = N/A n_{USL} = 0 n_{LSL} = 1	\bar{x} = 0.999272 s = 0.086632 $x_{50\%}$ = 1.010000 $x_{0.135\%}$ = N/A $x_{99.865\%}$ = N/A $6s$ = 0.519793

Anderson-Darling test: H1 : subgroup is not derived from a Normal distribution

p value: 0.000000

Distribution: Weibull Distribution

Calculation Methods: M2,1 percentile (0.135%-50%-99.865%)

=

Potential Capability Index (A) Cp: 0.505362 <= 0.577153 <= 0.648835 ↓

Critical Capability Index (A) Cpk: 0.385034 <= 0.574352 <= 0.763671 ↓

Demand Potential Capability Index (A) Cp target: 2.06

Demand Critical Capability Index (A) Cpk target: 2.06

Requirements were not met (Cp, Cpk, LV) ↓

Page 3 of 4

CDAC CHENNAI MCA/CMM Reporting

Op.Name: Unknown Part no: 5752 Part descr: DISK SEPERATOR Char.No: 4 Char.Class: Unknown Nom.val: 6.5 Char.Remark:	Evaluation from 2025-07-05 00:00:00 to 2025-07-05 00:00:00 OP no: Unknown Char.Descr: Weight Calc.Tol: 2.0 Unit:	USL: 7.5 LSL: 5.5	Date: 2025-05-19 00:19:22 Page: 4 Drw.No: DLG/MCDJ/DISK SEPERATOR/01 Mach.Descr: Unknown Subgr.size: Unknown Subgr.type: Unknown
---	---	----------------------	---

No chart available

Drawing Values	Collected Values	Statistics
Tm = 6.500000 LSL = 5.500000 USL = 7.500000 T = 2.000000 Char.Class = Unknown	\bar{x} = 6.500000 x_{\min} = 6.320000 x_{\max} = 6.740000 R = 0.420000 n_{eff} = 125 n_{tot} = 125 n = N/A n_{USL} = 0 n_{LSL} = 0	\bar{x} = 6.501280 s = 0.091352 $x_{50\%}$ = 6.500000 $x_{0.135\%}$ = N/A $x_{99.865\%}$ = N/A 6s = 0.548110

Anderson-Darling test: H0 : subgroup is derived from a Normal distribution

p value: 0.085647

Distribution: Normal Distribution

Calculation Methods: M2,1 percentile (0.135%-50%-99.865%)

=

Potential Capability Index (A) Cp: 3.195019 <= 3.648904 <= 4.102094 ↑

Critical Capability Index (A) Cpk: 3.157980 <= 3.644233 <= 4.130486 ↑

Demand Potential Capability Index (A) Cp target: 2.06

Demand Critical Capability Index (A) Cpk target: 2.06

Requirements were met (Cp, Cpk, LV) ↑

Page 4 of 4

