



बैंक नोट पेपर मिल इण्डिया प्रा. लिमिटेड

BANK NOTE PAPER MILL INDIA PVT LIMITED

JV of SPMCIL - A Govt. of India Enterprises & BRBNMPL - A Subsidiary of RBI

**BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

**CIN: U21090KA2010PTC055475 | CORPORATE OFFICE, MYSORE**

[sanchari.mandal@bnpmindia.com](mailto:sanchari.mandal@bnpmindia.com)

**Ph: 0821 2401 179**

**Open Tender Enquiry No. BNPM/OTE/Electromagnetic brake assembly/0829/2022-23**

**Enquiry for supply of Electromagnetic brake assembly**

**Issuing Date & Time: 13.02.2023 15:30 hrs.**

**Closing Date & Time : 27.02.2023 11.30 hrs.**

**A. Scope of supply:** Supply of following items:

S No	Item Description	UOM	Quantity
1	<p><b><u>Electromagnetic brake assembly ,24VDC,20W</u></b></p> <p><b><u>Details:</u></b>            Electromagnetic brake assembly , 24VDC , 20W ,            4 NM Rated Torque , Brake Size -06 ,            Thermal Class - F 155DegC , Maximum Speed 6000 rpm,            Without manual release.            Dimensional drawing , datasheet &amp; photograph attached            CE listed &amp; CSA certified            Equivalent Model : BFK457-06 Basic Version,            Part no: 00418968 Brand : Intorq            Brand : Intorq / Any other Equivalent brands approved by            BNPM            Application : Sheeter Gate assembly unit</p>	Nos	02

S. No	Particulars	Quantity
1.	Payment Terms	100% within 30 days from date of receipt and acceptance of goods by the consignee at destination and on production of all required documents by the supplier.
2.	Price	Price should be inclusive of all taxes & duties.
3.	Freight	Shall be included in quoted price.
4.	Packing & Forwarding	Shall be included in quoted price.
5.	Delivery Terms	F.O.R – Bank Note Paper Mill India Private Limited, Mysore.
6.	Warranty Period	..... Years..... From date of supply at BNPM, Mysuru.
7.	Warranty Certificate	Applicable / Not Applicable



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8.	Delivery Period	..... Weeks from date of receipt of purchase order.
9.	Validity of Bid	30 days from date of closing of tender.
10	Liquated damages	Liquidated damages shall be applicable at the rate of 0.5% per week or part thereof until actual delivery or performance, subject to a maximum deduction of 10% of the delayed good's /service's contract price.
11.	Material to be delivered at	Engineering Stores, Bank Note Paper Mill India Private Limited, Note Mudran Nagar, Mysore 570 003.
12.	Contact person	Ms. Sanchari Mandal P: 0821-2401179

**Price Bid Format:**

S No	Description	UOM	Qty.	Unit rate	Freight, P&F Charges	GST @ ... %	Unit rate including GST & Freight, P&F Charges	Grand total inclusive of GST and Freight, P&F Charges (F.O.R, BNPM, Mysore)
1	<b><u>Electromagnetic brake assembly ,24VDC,20W</u></b>  <b><u>Details:</u></b> Electromagnetic brake assembly , 24VDC , 20W , 4 NM Rated Torque , Brake Size - 06 ,	Nos.	02					



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Thermal CLASS - F 155DegC , Maximum Speed 6000 rpm, Without manual release. Dimensional drawing , datasheet & photograph attached CE listed & CSA certified Equivalent Model : BFK457-06 Basic Version, Part no: 00418968 Brand : Intorq Brand : Intorq / Any other Equivalent brands approved by BNPM Application : Sheeter Gate assembly unit								
<b>Total price inclusive of all tax, freight , P&amp;F &amp; any other charges in figures</b>								
<b>Total price inclusive of all tax, freight , P&amp;F &amp; any other charges in words</b>								

**Note:** Evaluation shall be done on the basis of overall effective price quoted by the bidder

**HSN Code:** (\_\_\_\_\_)

We hereby confirm that

1. We accept all terms & conditions mentioned in the enquiry.
2. Price quoted is inclusive of all taxes, P&F, freight etc. on F.O.R, BNPM, Mysore basis.
3. GST registration status: Unregistered / Compounding / Registered.
4. Bid validity: 30 days from date of closing of tender including extensions/corrigendum's (if any).
5. Bank Details: Acc. No. ....; Bank Name: .....;  
Branch name: .....; Branch Code: .....;  
IFSC: .....
6. MSEs / NSIC status: .....

**(If yes, then supporting document shall be submitted along with the offer to avail the benefits under the Procurement Policy for MSEs, Order 2012 along with its amendments)**



# Open Tender Enquiry No. BNPM/OTE/ Electromagnetic brake assembly/0829/2022-23

Signature of bidder:.....

Name of the Firm:.....

Seal of the firm: .....

GST No: .....

## Technical data

<b>Design types</b>	Compact, basic, double brake
<b>Standard rated voltages</b>	24 V, 205 V
<b>Protection class</b>	IP00 – IP55
<b>Thermal class</b>	F (155°C)
<b>Ambient temperature</b>	-20°C to 40°C
<b>Rated torques</b>	4 to 125 Nm
<b>Duty time</b>	100% ED
<b>Nominal backlash</b>	1°
<b>Options</b>	Friction plate, flange, hand release, seal ring, customizations
<b>Note</b>	Please read the general information on data sheets and the corresponding operating instructions. Design subject to change without notice.



Brake size	Rated torques for operating brakes $T_n$ [Nm]	Rated torques for holding brakes $T_h$ [Nm]	Maximum speed $n_{max}$ [min <sup>-1</sup> ]	Shifting work for single shift $W_{sh}$ [kJ]	Number of emergency stops $Z_{ps}$ [-]	Friction work up to maintenance for operating brakes with WR coating $Q_{wr}$ [MJ]
06	4	6	6000	3000	500	35
08	8	12	5000	7500	500	65
10	16	23	4000	12000	500	105
12	32	46	3600	24000	500	210
14	60	85	3600	30000	500	230
16	80	125	3600	36000	500	400

<sup>1)</sup> The use of holding brakes as operating brakes is possible but requires the use of over-excitation.

## Dimensions

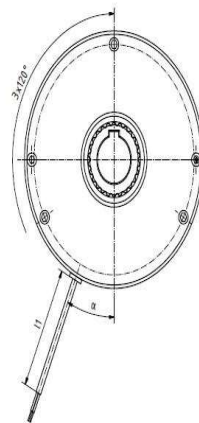
Brake size	b	d <sup>2)</sup> spec.	d <sup>2)</sup> standard	d1	d2	d3	d4	d5	d6	d7	d11	d8	d1
06	90	10	11/12/14/15	3xM4	72	84	31	31	84	M4x30	8	60	40
08	106	10	11/12/14/15/20	3xM5	90	102	42	41.5	102	M5x35	8	76.5	56.1
10	137	10	15/20	3xM6	112	130	44	44	130	M5x40	10	95	66.1
12	157	14	20/25	3xM6	132	150	52	52	150	M5x45	10	115	70.1
14	174	14	20/25/30	3xM8	145	165	55	60	165	M6x55	12	124	80.1
16	203	15	25/30/35/38 <sup>3)</sup>	3xM8	170	190	70	70	190	M6x60	12	149	104.1

<sup>1)</sup> Pilot bored without keyway

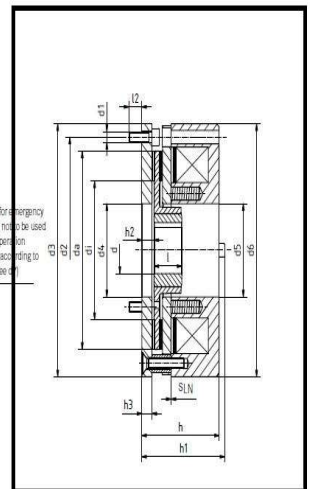
<sup>2)</sup> Standard keyway in accordance with DIN 6885/1-P9

<sup>3)</sup> Ø 38 mm, keyway in accordance with DIN 6885/3-P9

Compact design  
fully assembled with rotor and flange



Cheese head screw for emergency manual release only, not to be used for normal braking operation (cheese head screw according to DIN EN ISO 4762; see table)



(Reference Drawing)

**NOTE:** Interested bidders are recommended to register themselves at company's website <https://bnpmindia.com/Vendor.aspx> in order to get future enquiries of relevant items