Report of balancing   order No

Customer

Type of rotor to be balanced

No

Rotational speed in actual
operation

Means of drive

Sketch showing location of correction planes and bearings in
balancing produce.

Weight of rotor   kg (lbs)

Weight of equipped rotor   kg (lbs)

Rotational speed for balancing   r.p.m.

Rotational speed for balancing
(elastically deformable rotors   r.p.m.
with more than 2 correction planes)

Mode of compensation

Distance between correction planes   mm (inches)

Admissible residual unbalance
(apportioned by halves to cor-   g.mm(oz.-in.)
rection planes)

Admissible residual couple $g.mm^2$(oz.in.in.)

Admissible velocity of vibration[++]   mm/s (in.per sec)

Plane 1	Plane 2	Plane 3

Readings of initial unbalance[+]

Radius to unbalance corrections
(mm or in.)

Trial weight (g or oz)

Reading with trial weight [+]

Sensitivity per division

Compensation (g)

Reading of residual unbalance[+]

Residual unbalance (g.mm or oz.in)

Residual unbalance
(g . mm or oz-in)

Residual couple gmm^2(oz.in.in.)

Velocity of vibration after
compensation ++

Bearing 1   mm/s(in.per sec)

Bearing 2   mm/s(in.per sec)

Date   Operator

[+] Readings taken at
     sensitivity step "1"   Supervisor

++ For field balancing   ("in situ")

Mm/Vd 172.1

Record Card

<u>Rotor:</u>

Sketch showing the
position of the bearings (B)
with respect to the
correction planes (C)

<u>Weight of rotor:</u>

<u>Position of rotor:</u> between bearings/overhung +)

<u>Auxiliary shaft</u>   +)

<u>Type of bearings:</u>

<u>Mode of drive:</u>

<u>Rotative speed for balancing</u>   rpm

	Designation	lefthand side	righthand side
Setting of controls	dial-knobs "Plane"		
	a/z keys		
	Plus/minus keys		
	Sensitivity range		
	Type of compensation (drilling, insertion of screws, etc.)		
	Radius to locations for compensation		
	Size and type tools: (diameter of drill etc.)		
	Calibration factor: (weight, drilling depth, etc. per division)		
	Accuracy required up to	div.	div.
	Dial-knobs "Amount"		

+)
   inappropriate entries cancelled

<u>Notes:</u>

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