29/5/33

246"

43" | 41" | 58" | 104"

℄ of Bearing

℄ of Bearing

6820 lbs Excluding Shaft

5400 lbs Excluding Shaft

Cast Iron Endplates

80" dia.

9 - 3⅜ dia fitted Bolts on 23 dia. P. Circle

Loose Dise in halves for Lubricating Brg

Loose Dise in halves for Lubricating Brg

9 - 3⅜ Fitted Bolts on 23" dia. P. Circle

Semi-Steel

Semi-Steel

15" Bearing

15" Bearing

29·25 dia

16" dia

17·5 dia

16"

29·5 dia

29·4 dia

16" dia

16" dia

17·5 dia

15·5 dia

29·25 dia

2"R

2"R

2"R

AFT. END

FORWARD END

NO SHARP FILLETS ON SHAFT.

Guide Key for Pressing on Armature.

Three Part Key The 2 side Keys tapered 1 in 100 and driven in light also locked at broad end, centre Key dowelled to shaft.

·1875

1·03

·875

4·75

2"

·03

SECTION ON A-A
¼ SCALE.

Full Size Section of Keys

MATERIAL	U.T.S	ELONGATION
FORGED ST	28-32 TONS PER	24% FOR 28 TON STEEL 25% FOR 32 TON STEEL IN 5TO GAUGE LENGTH

G.N.2
27/5/33

METROPOLITAN-VICKERS ELECTRICAL CO. LTD
MANCHESTER, ENGLAND

PROPOSED SHAFT & KEYS FOR
MOTOR ON S.S. CITY OF VENICE
~~1400~~ 89 H.P. 89 R.P.M. B.I. 1156

Scale. 2" to 1 Foot. S.O. 215707/6 A869067

A 869067

Date	3-5-33
Checked	
Dwg. Appd	
Des	

1

Drawing Issued by Plant D.O.

To:

© 2020 Lloyd's Register Foundation