246"

43" | 41" | 58" | 104"

℄ of Bearing

℄ of Bearing

5650 lbs Excluding Shaft

5400 lbs Excluding Shaft

Cast Iron Endplates.

30 dia.

Semi-Steel

Semi-Steel

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

Loose Disc in halves for Lubricating Brg.

Loose Disc in halves for Lubricating Brg.

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

15" Bearing.

13" Bearing.

29·25 dia.

16" dia.

17·3 dia.

16"

2"R

2"R

AFT. END.

29·5 dia

29·4 dia.

16" dia.

16" dia.

17·3 dia.

15·3 dia.

29·25 dia.

2"R

FORWARD END

Guide Key for Pressing on Armature.

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

·875

·05

4·75

4·75

2"

·03

SECTION ON A-B
¼ SCALE.

No Sharp Fillets on Shaft

Full Size Section of Keys

Material:	U.T.S	Elongation
Forged Steel	28-32 Tons per Sq in.	29% for 28 Ton Steel 25% for 32 " " in Std Gauge Length

A 869067

Date	5-5-33
Checked	
Dwg Appd	
Dec	

Drawing Issued by Plant D.O.

To:-

WDA 5.A.J 27/5/33.

METROPOLITAN-VICKERS ELECTRICAL CO. LTD.
MANCHESTER, ENGLAND

PROPOSED SHAFT & KEYS FOR MOTOR ON S.S. CITY OF VENICE.

1400 HP 89 R.P.M. Ed. 1A.2

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

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