



Consumer and  
Corporate Affairs

Consommation et  
corporations

Legal Metrology

Métrologie Légale

S.WA-1194

Approval No. d'approbation

Ottawa, August 27, 1980

**NOTICE OF APPROVAL – AVIS D'APPROBATION**

**BROOKS - METER DRIVE FOR REGISTER - MODEL DB**

Manufacturer: Brooks Instrument Division  
Emerson Electric Canada Ltd.,  
Markham, Ontario

Device Approved: Register drive gear train, model DB, which may be incorporated in Brooks bulk liquid meters as follows:

<u>METER MODEL NUMBERS</u>	<u>APPROVAL NUMBER</u>
B-40D, B-50D, B-50DF	S.WA-853
B-62D, B-62DF, B-72D, B-72DF B-82D, B-82DF	S.WA-856
B-63DE, B-64DE, B-65DE, B-73DE, B-74DE, B-75DE	S.WA-857
B-83DE, B-84DE, B-85DE	S.WA-857
B-92DE, B-93DE, B-94DE, B-95DE	S.WA-858

Where a meter is equipped with the DB gear train, the letter "B" is suffixed to the model number.


Description: The Brooks model DB register drive gear train is designed for higher transmission efficiency than the earlier model D drive train. The principle changes incorporated in model DB are as follows:

- Reduction of number of gears in the gear train.
- Substitution of bevel gears for worm gears.
- Reduction of meter adjuster ratio from 4:1 to 1:1.

Application: For a meter equipped with the DB drive train the permitted meter use continues to be as noted on the applicable Notice of Approval.

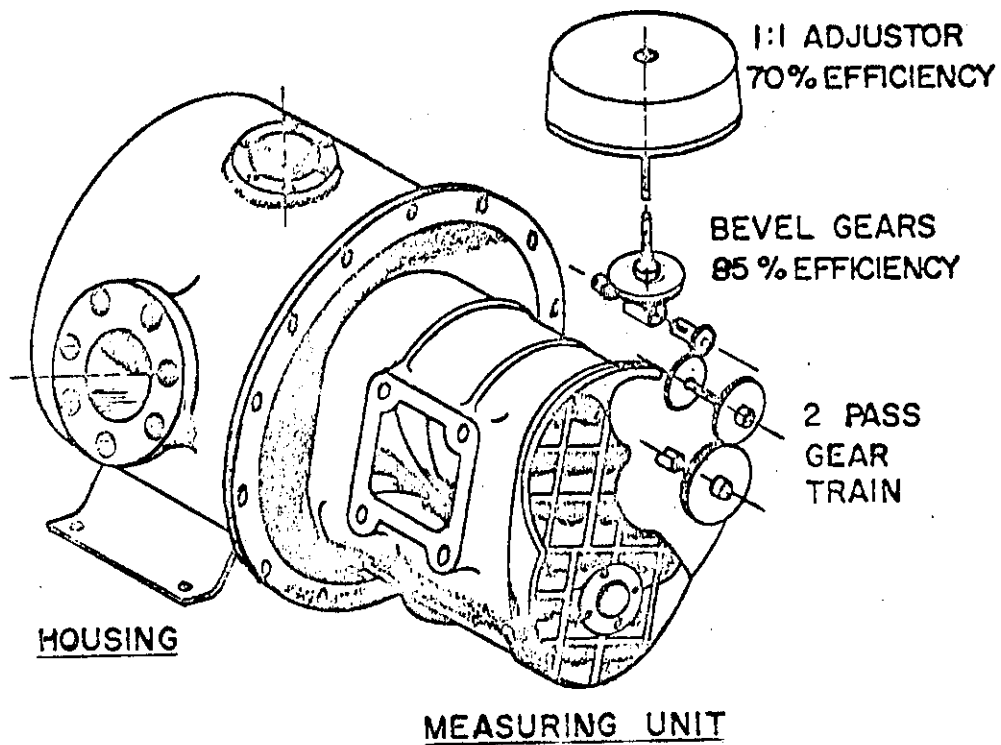
Reference No.: G6953-B365

Conditions of Approval: Approval is granted under the Weights and Measures Act, S.C. 1970-71-72, Chapter 36, and the Weights and Measures Regulations C.R.C.c., 1605, for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.

.....  
  
 John Armstrong  
 Chief,  
 Weights and Measures Division  
 Legal Metrology Branch

BROOKS - METER DRIVE FOR REGISTER - MODEL DB

TOTAL  
DRIVE TRAIN  
EFFICIENCY 48 %



EXPLODED VIEW - METER WITH DB GEAR TRAIN