



Consumer and  
Corporate Affairs

Consommation et  
corporations

Standards

Normes

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

S.WA-855

Ottawa, June 14, 1978

BROOKS - BI-ROTOR METERS - GROUP 6

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

DEVICES APPROVED: Bulk liquid meters, models as listed below:

Model No.	Flow Rating		Maximum Pressure psi	Connections
	G.P.M.	L/M		
B-40C	16- 80	75-375	125	2" Brodie comp. flanges
B-60C	40-210	190-950	125	3" Brodie comp. flanges
B-70C	70-350	325-1600	150	3" or 4" Victaulic or flanges
B-80C	100-500	450-2300	150	4" or 6" Victaulic or flanges
B-60CF	40-210	190-950	125	3" Brodie comp. flanges

Model B-60CF is of all-ferrous construction.

Models 60C and 80C have special ratings applicable to aircraft refuelling applications only, these ratings being as follows:

Model 60C: 50-250 gpm or 225-1150 litre/min.

Model 80C: 125-625 gpm or 575-2800 litre/min.

NOTE 1: These meters may be equipped with Veeder Root register/printer or with any suitable and approved type of Brodimatic register recommended by the meter manufacturer.

NOTE 2: Depending upon the age of the meter, any of the above-listed meters may be marked with any of the following trade names -

BRODIE	BROOKS-BRODIE
ROCKWELL-BRODIE	BROOKS
ROCKWELL	

APPLICATION: The metering in trade of bulk quantities of crude oil and refined petroleum products.

DESCRIPTION: These meters are rotary, positive displacement type, utilizing a pair of meshing helically-fluted rotors operating in a measuring chamber. Double-case construction is used in order to prevent distortion of the metering chamber by line pressure or piping stresses.

A range of accessories including flow control valves and preset stop valves is available for installation with these meters.

CONDITIONS: A meter shall be equipped by the manufacturer with a close-coupled combination strainer/air eliminator. This strainer/air eliminator shall not be removed except under circumstances approved by the Chief, Weights and Measures.

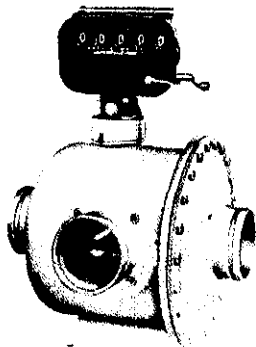
TESTING: The standard tests for bulk meters shall apply.

REFERENCE: G6953-B365  
G6953-B365-12

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 P.C. 1974-1461 of June 27, 1974 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  
Legal Metrology Branch



MODEL B-70C OR B-80C  
WITH BRODIMATIC  
PRINTING COUNTER



MODEL B-40C OR  
B-60C WITH  
BRODIMATIC COUNTER