



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-853

Ottawa, May 8, 1978

BROOKS - BI-ROTOR METERS - GROUP 4

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-40D	16- 80	75-375	125	2" Brodie Flange (1½" opt.)
B-40D-2	16- 80	75-375	125	Inlet 2" Brodie, Outlet 2" thd.
B50D, B50DF	25-125	115-575	125	2" Brodie Flange (2½" opt.)
B-50D-2	25-125	115-575	125	Inlet 2" Brodie, Outlet 2" thd.

The Suffix "F" on the model number denotes all-ferrous construction.

NOTE 1: These meters may be equipped with a 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.

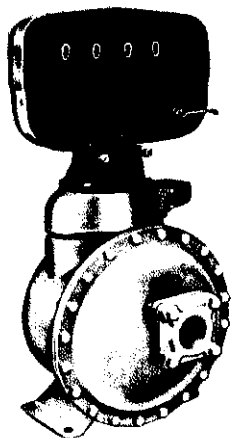
TESTING: The standard tests for bulk liquid meters shall apply.

REFERENCES: G6953-B365
G6953-B365-12

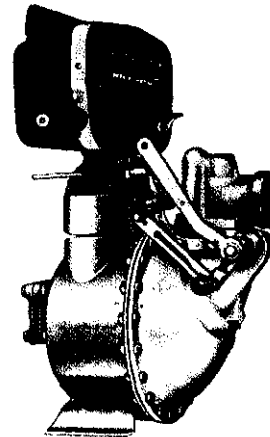
CONDITIONS OF APPROVAL: Approval is granted under the Weights and Measures Act, S.C. 1970-71-72, Chapter 36, and the Weights and Measures Regulations P.C. 1974-1461 of June 27, 1974 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.



John Armstrong
Chief, Weights and Measures
Legal Metrology Branch



MODEL B-40D OR B-50D



MODEL B-40D-2 OR B-50D-2
QUANTROL METER