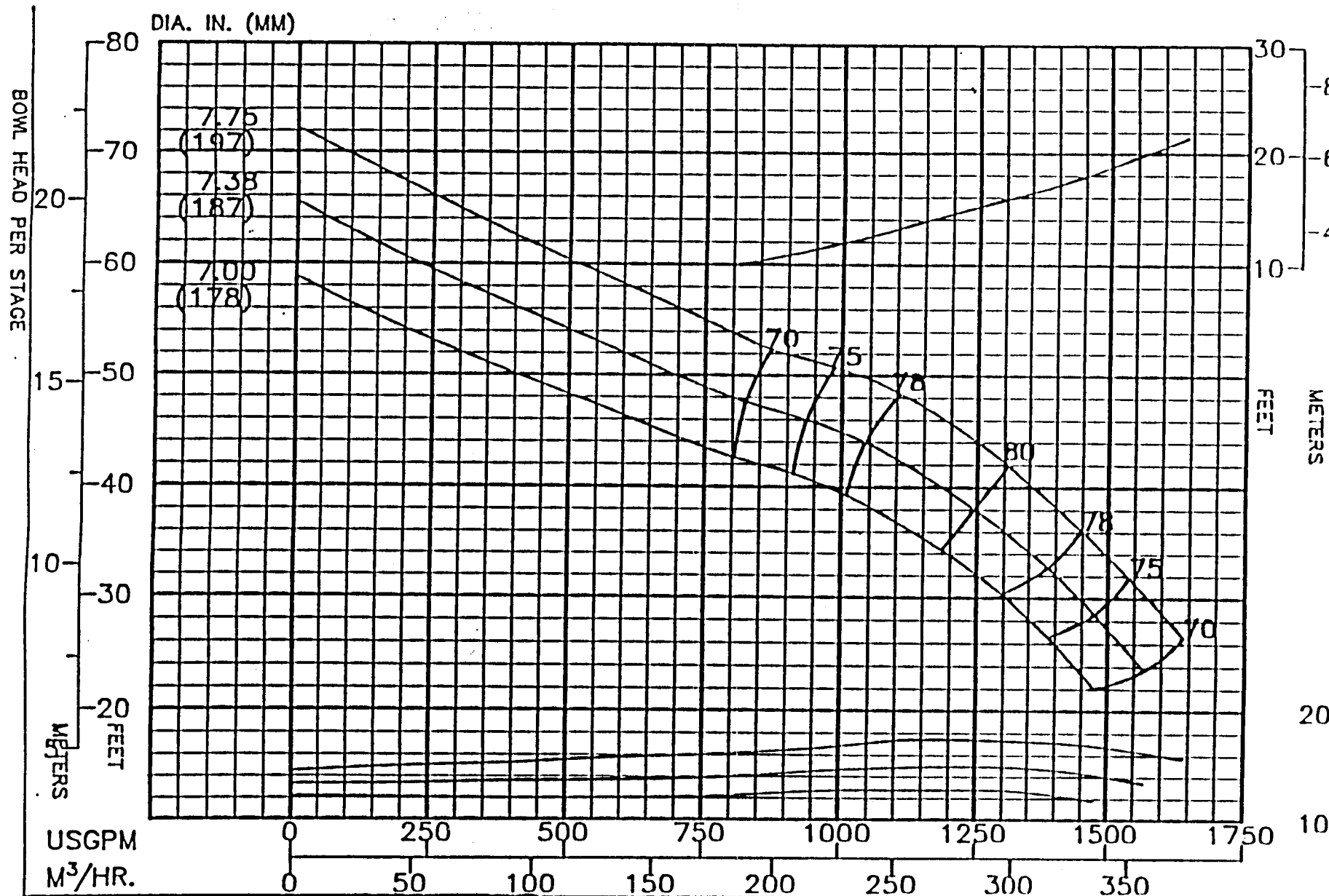


Dated May 24, 1991

NPSH REQUIRED

BRAKE HORSEPOWER PER STAGE



PERFORMANCE BASED ON PUMPING
CLEAR WATER BELOW 85°F. WITH LISTED
MATS. COLUMN LOSSES NOT INCLUDED.

BOWL - CAST IRON

IMPELLER - BRONZE

CHANGE STAGES	IN EFF. POINTS
1	2
2	4
3	6

INGERSOLL-RAND
PUMPS
VERTICAL PUMP DIVISION
HASTINGS, NE

THRUST FACTORS AT BEP		
IMPELLER	IBS/FT	KG/M
STANDARD	13.0	19.4
BALANCED	---	---
EYE AREA - 30.2 SQ. IN.		

RPM
1770
SEMIOPEN IMPELLER
N _s = 3880

PUMP
12XH
CURVE NO.
EC-1891