

**1770 RPM
SINGLE STAGE PERFORMANCE**

**MODEL 6BCM
ENCLOSED IMPELLER
STANDARD CONSTRUCTION**

STAGES REQUIRED

TOTAL HEAD
IN METERS

TOTAL HEAD
IN FEET

NPSHR
IN FEET

BRAKE
HORSEPOWER

CHANGE IN EFFICIENCY	
NO. OF STAGES	NO. OF POINTS
1	-4.5
2	-4.0
5	-1.0
8-36	0

7

6

5

4

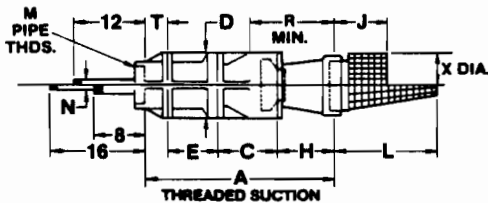
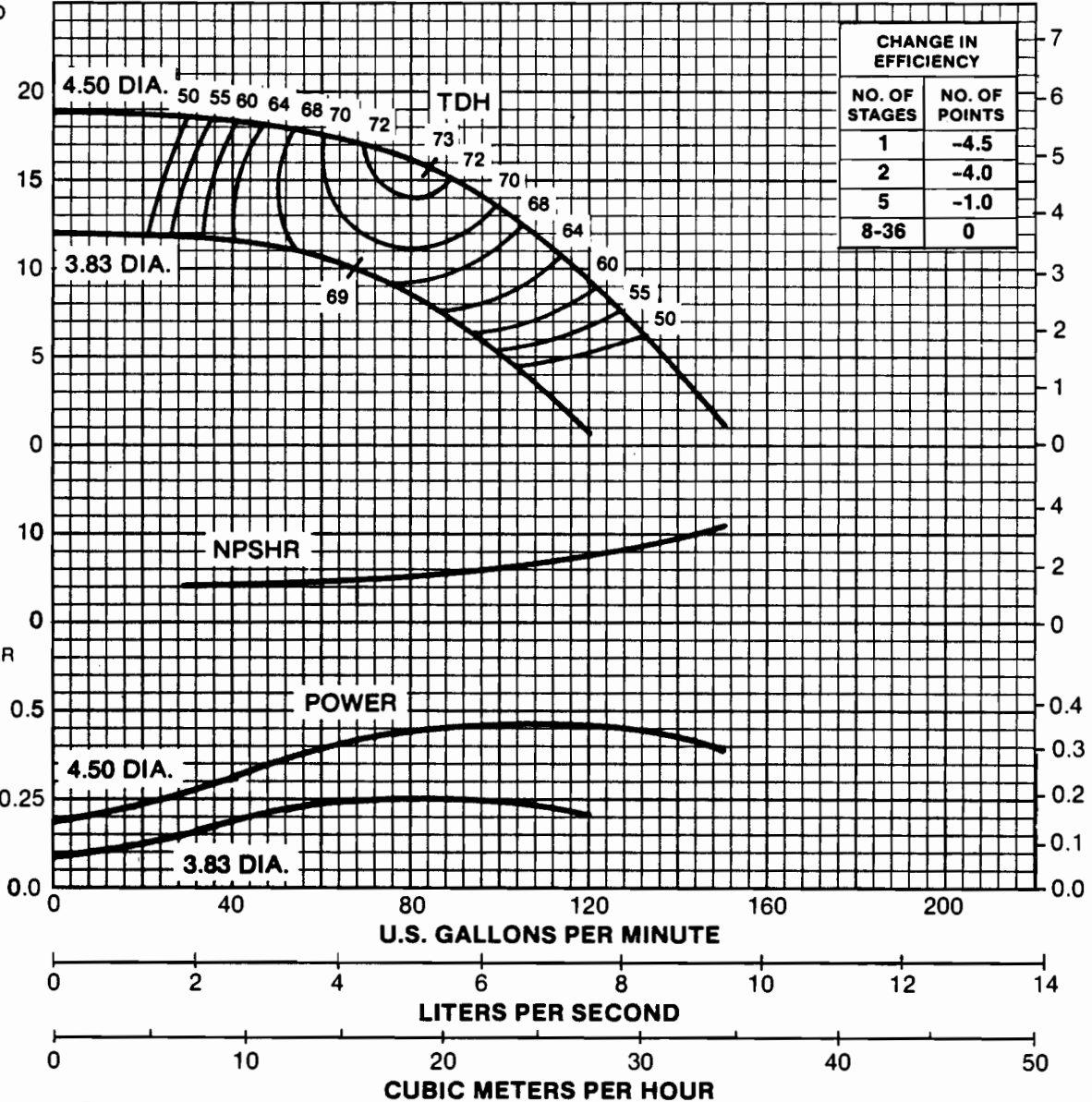
3

2

1

NPSHR
IN METERS

KILOWATTS



PUMP HYDRAULIC PERFORMANCE IS BASED ON STANDARD MATERIALS OF CONSTRUCTION HANDLING COLD, CLEAR, FRESH, NONAERATED WATER, FREE OF FOREIGN MATERIALS. LOSSES ARE NOT INCLUDED.

STANDARD DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	T	W	X	Y
IN.	20 ¹⁵ / ₁₆	—	4 ⁹ / ₁₆	5 ¹¹ / ₁₆	9 ³ / ₁₆	—	—	7 ¹ / ₂	7	—	12 ³ / ₄	4	1	—	8 ¹ / ₂	3 ³ / ₄	—	8	—
MM.	531.8	—	115.9	144.5	233.4	—	—	190.5	177.8	—	323.8	101.6	25.4	—	215.9	92.1	—	203.2	—

STANDARD DATA

IMPELLER NO.	SPECIFIC SPEED	THRUST FACTOR K	SHAFT DIAMETER	STANDARD AXIAL CLEARANCE	MAX. STAGES	MAX. PRESSURE	DISCHARGE SIZE	SUCTION SIZE	SINGLE STAGE WEIGHTS		WEIGHT EACH ADDITIONAL STAGE
									THREADED SUCTION	BELL SUCTION	
306815	2064	1.5 lb/ft	1 in	0.25 in	36	578 psi	4 in	4 in	65 lb	— lb	22 lb
		21.9 n/m	25.4 mm	6.35 mm		3985 kPa	101.6 mm	101.6 mm	29.4 Kg	— Kg	9.97 Kg

Refer to Section C and I for K-Factor, optional materials, construction and engineering data.