

**1770 RPM
SINGLE STAGE PERFORMANCE**

**MODEL 15BCH
ENCLOSED IMPELLER**

STAGES REQUIRED

CHANGE IN EFFICIENCY	
NO. OF STAGES	NO. OF POINTS
1	-3
2	-1.5
3	-0.5
5-10	0

TOTAL HEAD
IN FEET

150

100

50

0

NPSHR
IN FEET

BRAKE
HORSEPOWER

100

50

50

0

POWER

9.63 DIA.

8.50 DIA.

U.S. GALLONS PER MINUTE

0 50 100 150 200 250 300 350

LITERS PER SECOND

0 200 400 600 800 1000 1200

CUBIC METERS PER HOUR

TOTAL HEAD
IN METERS

50

40

30

20

10

0

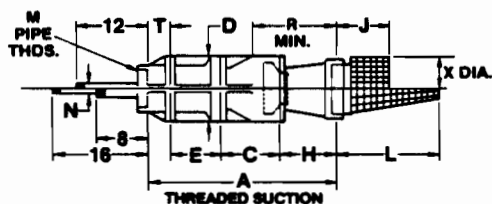
NPSHR
IN METERS

KILOWATTS

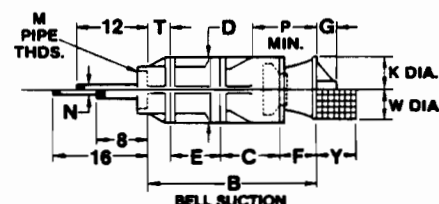
75

50

25



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.	30%	30%	14%	14%	5%	7%	4%	7 1/2	16	14 1/2	31%	12	1 1/2	21 1/2	21%	4	14%	18	10
MM.	781.0	784.2	361.9	285.12	136.52	193.67	120.65	190.5	406.4	358.77	797	304.8	49.2	546.1	542.9	101.6	371.47	457.2	254

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	
314827	2949	19.6 lb/r	1.9375 in	1.125 in	10	280 psi	10, 12 in	10, 12 in	618 lb	585 lb	194 lb
		286.16N/m	49.2 mm	28.57 mm		1930 kPa	254, 304.8 mm	254, 304.8 mm	280.6 Kg	265.6 Kg	88.1 Kg

Refer to Section C and I for thrust curves, optional materials, construction and engineering data.