

## MOTOR / PUMP SPECIFICATIONS

ITEM		DESCRIPTION
LIMITS	Liquid Temp	0~40°C
	Application	Commercial / Industrial / Municipal use
TYPE	Frequency	60Hz
	Motor	2P (3450RPM) Dry Motor
	Insulation	Class B
	Start Method	Direct On Line
	Protection	IP 68
	Protector	Auto-Cut
	Bearing	Ball Type
	Mech. Seal	Dual. Mechanical Seal
	Impeller	Vortex Impeller
	MATERIAL	Motor Cover
Motor Housing		AISI 304
Shaft		AISI 410
Mech. Seal		Upper: CA/CE; Lower: SIC/SIC
Pump Casing		ASTM A48 Class 30
Impeller		ASTM A48 Class 30
Cable		H07RN-F / SJTOW / STOW



## MOTOR / PUMP DATA CHART

MODEL	OUTPUT		DISCHARGE INCHES	PHASE VOLTAGE	1Ø			FREE PASSAGE	WEIGHT W/O CABLE
	HP	KW			115V	208V	230V	INCHES	LBS
BN150/1	1.5	1.1	3	FULL LOAD AMPS	20.2A	11.2A	10.1A	3	65
BN200/1	2	1.5	3		-	12.2A	11A	3	70

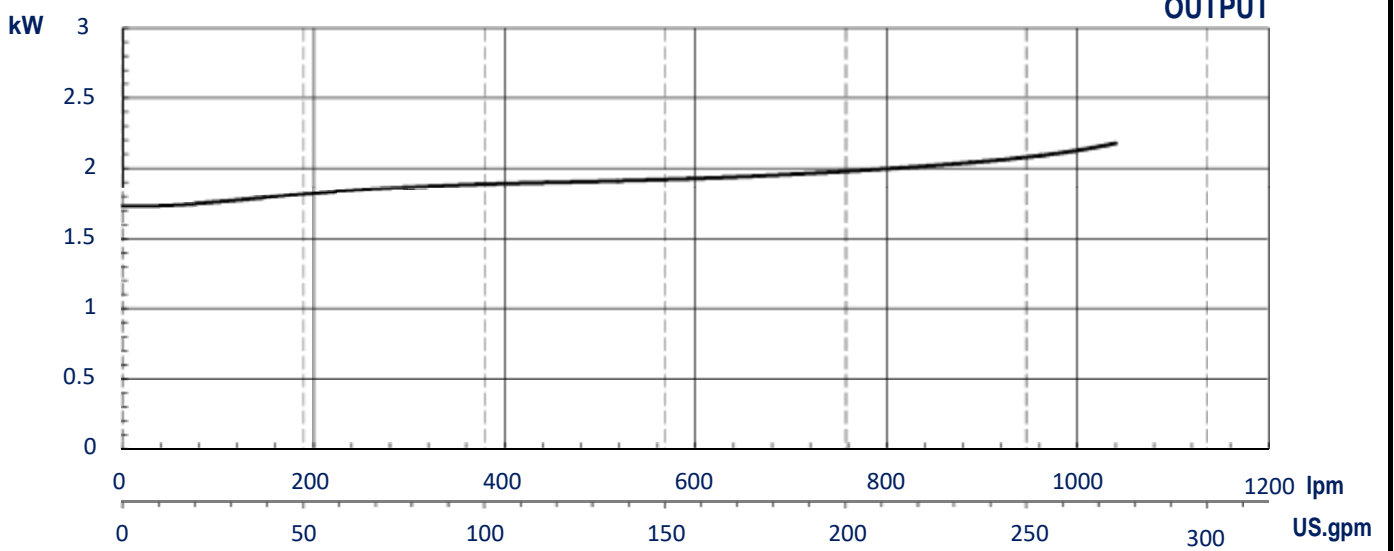
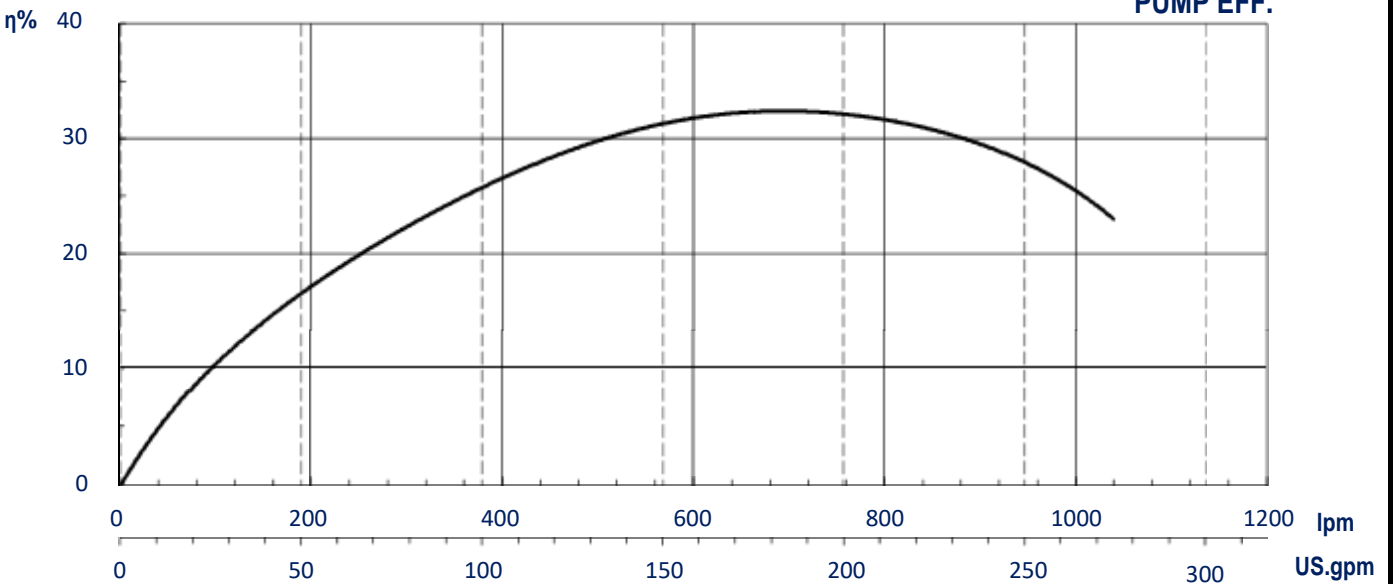
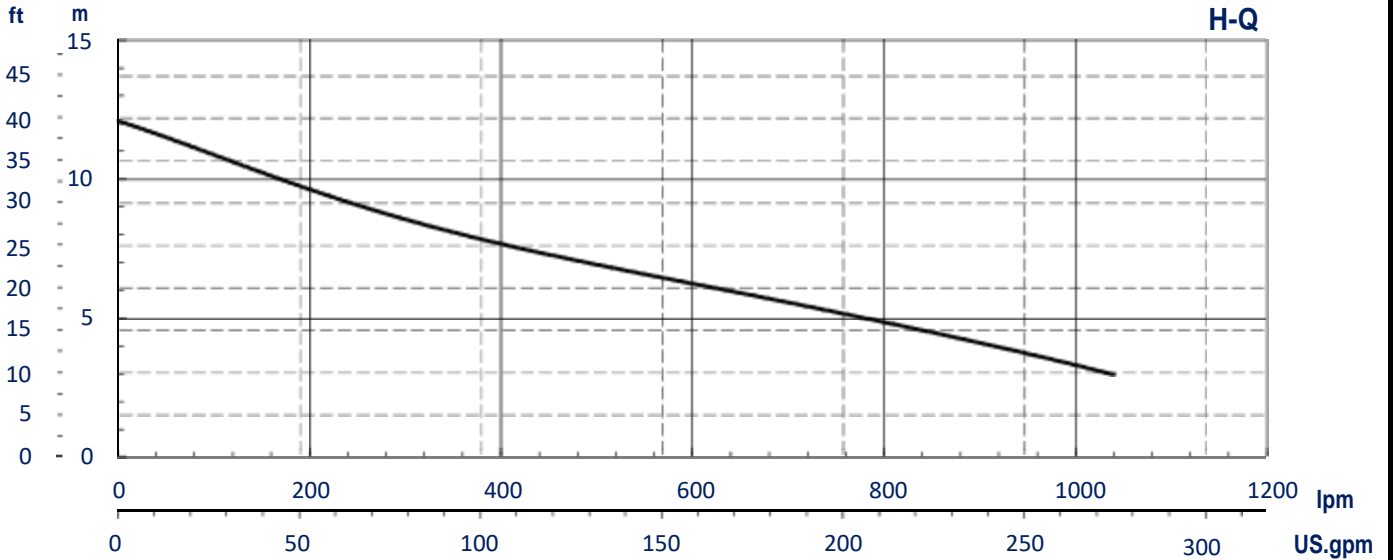
MODEL	OUTPUT		DISCHARGE INCHES	PHASE VOLTAGE	3Ø			FREE PASSAGE	WEIGHT W/O CABLE
	HP	KW			208V	230V	460V	INCHES	LBS
BN150/3	1.5	1.1	3	FULL LOAD AMPS	6.6A	6A	3A	3	65
BN200/3	2	1.5	3		8.6A	7.8A	3.9A	3	70
BN300/3	3	2.2	3		11.5A	10.4A	5.2A	3	73

## MOTOR / PUMP CONSTRUCTION MATERIAL

PART	MATERIAL	PART	MATERIAL
Cable	H07RN-F/STJOW/STOW	Mechanical Seal	Upper: CA / CE
Handle	ASTM A36	Mechanical Seal	Lower: SIC / SIC
Motor Cover	ASTM A48 Class 30	Seal Housing	ASTM A48 Class 30
Bracket	ASTM A48 Class 30	Lip Seal	BUNA N
Motor Housing + Stator	AISI 304	Impeller	ASTM A48 Class 30
Shaft with Rotor	AISI 410	Pump Casing	ASTM A48 Class 30
Oil Chamber	ASTM A48 Class 30	Upper/Lower Bearing	NTN/TPI

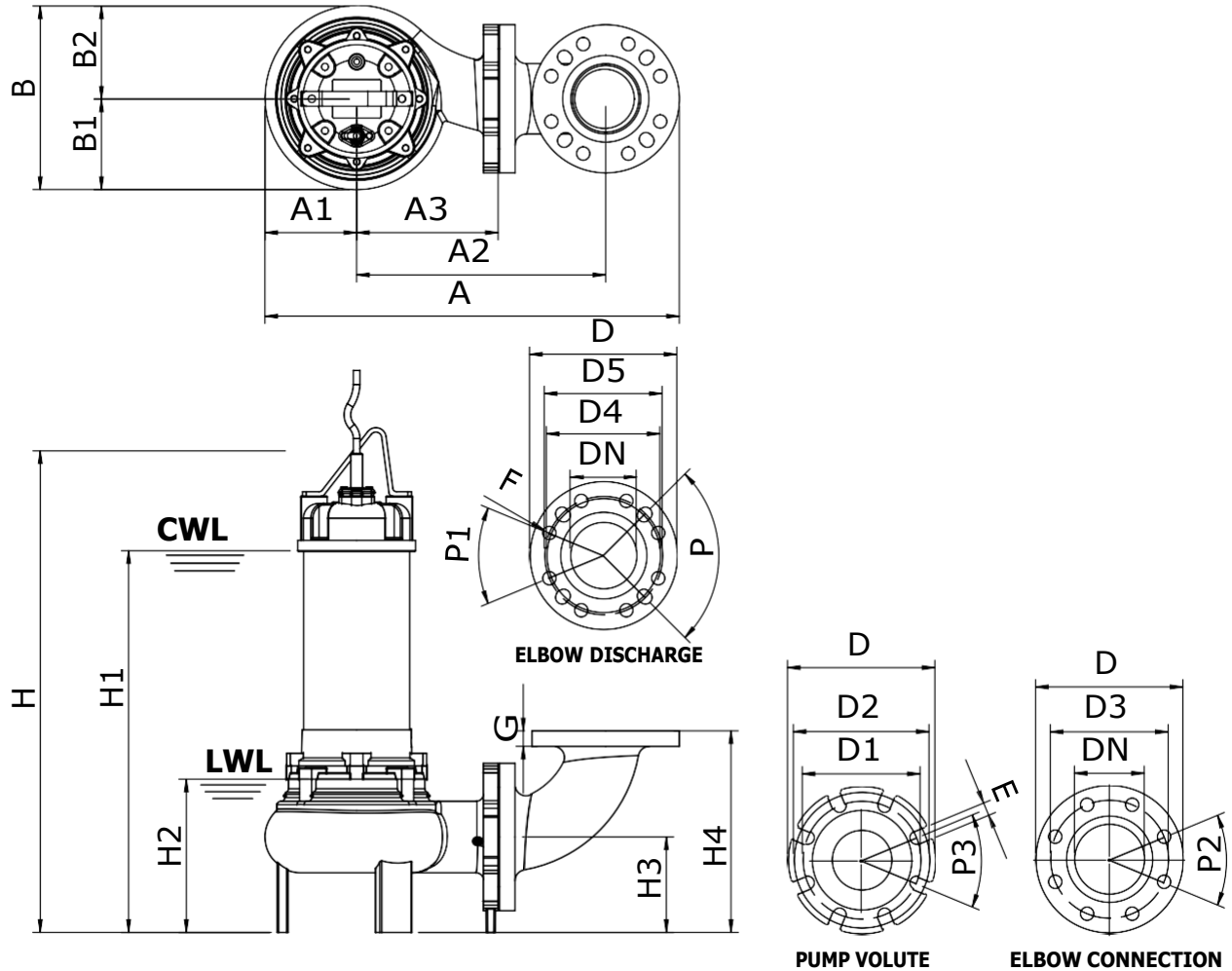
## PUMP PERFORMANCE REPORT

MODEL	BN300	HEAD	RATED
FREQUENCY	60 Hz	CAPACITY	185 gpm / 710 lpm
DISCHARGE	3 Inches / 80 mm	POLE/RPM	2 poles / 3450 rpm
OUTPUT	3 hp / 2.2 kW		



### DIMENSIONAL DRAWING

MODELS : BN150~BN300 (1.5~3HP)



MODEL	A	A1	A2	A3	B	B1	B2	D	D1	D2	D3	D4	D5	DN
BN150	21.65	4.80	12.60	7.09	10.12	5.00	5.12	7.87	6.30	6.61	6.30	6.06	6.30	3"
BN200	21.65	4.80	12.60	7.09	10.12	5.00	5.12	7.87	6.30	6.61	6.30	6.06	6.30	3"
BN300	21.65	4.80	12.60	7.09	10.12	5.00	5.12	7.87	6.30	6.61	6.30	6.06	6.30	3"

MODEL	E	F	G	P	P1	P2	P3	H	H1	H2	H3	H4	WT
BN150	0.71	0.71	0.79	90	45	45	45	24.21	17.32	8.66	5.12	10.63	65.1
BN200	0.71	0.71	0.79	90	45	45	45	25.00	18.11	8.66	5.12	10.63	70
BN300	0.71	0.71	0.79	90	45	45	45	26.18	19.29	8.66	5.12	10.63	72.4

CWL: CONTINUOUS RUNNING WATER LEVEL  
LWL: LOWEST RUNNING WATER LEVEL  
WT: WEIGHT WITHOUT CABLE

DIMENSIONS: INCHES  
WEIGHT: LBS