

**BDN2 SERIES GEN-PRO BELT DRIVE
GENERATORS ONLY WITH EXTENDED KEY
SHAFT, DUAL BEARING, AND FOOT BASE
WITH SPECIFICATIONS**

BDN2 SERIES

GENERATOR SPECIFICATIONS

SINGLE (1) PHASE, 60 HERTZ, 120/240 VOLTS

MODEL NUMBER AND SPECIFICATIONS	BDN2-45	BDN2-60	BDN2-75	BDN2-90	BDN2-120
STANDBY KILOWATTS POWER	4.3	5.5	6.5	8.0	11.0
STANDBY AMPS AT 120 VAC	38	46	54	66	92
STANDBY AMPS AT 240 VAC	19	23	27	33	46
VOLTAGE REGULATION	PLUS-MINUS 5% VOLTAGE REGULATION FROM NAME PLATE RATING				
“KLEEN - POWER”	WAVEFORM HARMONIC DISTORTION IS LIMITED TO JUST 7%				
CODE G ELECTRIC MOTOR START POWER IN HORSEPOWER	1 1/2 HP	2 HP	2 1/2 HP	3 HP	5 HP
ENGINE HORSEPOWER AT 3600 RPM REQUIRED TO ACHIEVE MAX. KW POWER	8-9 HP	11-12 HP	13-15 HP	16-17 HP	20-22 HP
RECEPTACLE PANEL COMPONENTS	IF ENGINE HORSEPOWER IS REDUCED, THE GENERATOR KW RATING IS REDUCED IN DIRECT PROPORTION				
	DOUBLE POLE, MAGNETIC SENSING CIRCUIT BREAKERS				
	(1) VOLTMETER SHOWING HIGH VOLTAGE SIDE, OUTPUT READING				
	(4) NEMA 5-15R, 15 AMP 120 VOLT, STRAIGHT BLADE RECETACLES				
	(1) NEMA L14-20R, 20AMP TWIST-LOCK RECEPTACLE	(1) NEMA L14-30R, 30AMP TWIST-LOCK RECEPTACLE	(1) NEMA 14-50R 50 AMP STRAIGHT BLADE RECEPTACLE		
WINDING INSULATION SYSTEM	CLASS H, 200°C, SLOT INSULATION, VARNISH AND COPPER WINDINGS				
BASE TO SHAFT HEIGHT	ALL MODELS, 4 5/8 INCHES				
KEY SHAFT DIAMETER, SHAFT LENGTH & KEY SIZE	7/8 INCH DIAMETER, 2 7/16 INCH LONG, 3/16 INCH SQUARE		1 1/8 INCH DIAMETER, 3 1/4”LG., 1/4” SQUARE		
LENGTH, INCHES	13 11/16	13 11/16	18	18	18
WIDTH, INCHES	9 1/8	9 1/8	9 1/8	9 1/8	9 1/8
HEIGHT, INCHES	12	12	12	12	12
NET WEIGHT, LBS	73	84	115	122	135
SHIP WEIGHT, LBS	83	94	125	132	145

BDN2 GENERATORS ARE USED IN ORIGINAL EQUIPMENT MANUFACTURERS (O.E.M.) APPLICATIONS WHERE A SEPARATE PRIME MOVER IS REQUIRED TO PROVIDE A CERTAIN HORSEPOWER THROUGH A V-BELT AND PULLEY DRIVE OR A DIRECT CONNECTING COUPLING DEVICE. A PRIME MOVER CAN BE A HYDRAULIC MOTOR, GASOLINE OR DIESEL ENGINE, WIND OR WATER TURBINES.