X0792038 | A1

ITEM	QTY	DESCRIPTION
1	1	ENGINE-CUMMINS QST30 G3
2	1	ALTERNATOR-NEWAGE HC6J/K
3	1	CONTROL PANEL
4	1	BEDFRAME
5	2	AIR CLEANERS
6	1	CONTROL HOUSING
7	1	STARTER MOTOR
8	1	LUB. OIL FILLER
9	1	OIL LEVEL DIPSTICK
10	2	EXHAUST OUTLETS
11	1	FUEL FEED FLEX TERM-3/4" BSP
12	1	SPILL RETURN FLEX TERM-3/4" BSP
13	1	RADIATOR 40°C SHOWN
14	8	FOUNDATION FIXING HOLES 22 DIA
15	8	RESILIENT MOUNTINGS
16	1	LOAD CONNECTION GLAND PLATE
17	1	FUEL FILTERS
18	4	OIL FILTERS
19	1	SUMP DRAIN - FAR SIDE
20	8	FOUNDATION FIXING HOLES 22 DIA
21	12	RADIATOR DUCT FIXING HOLES

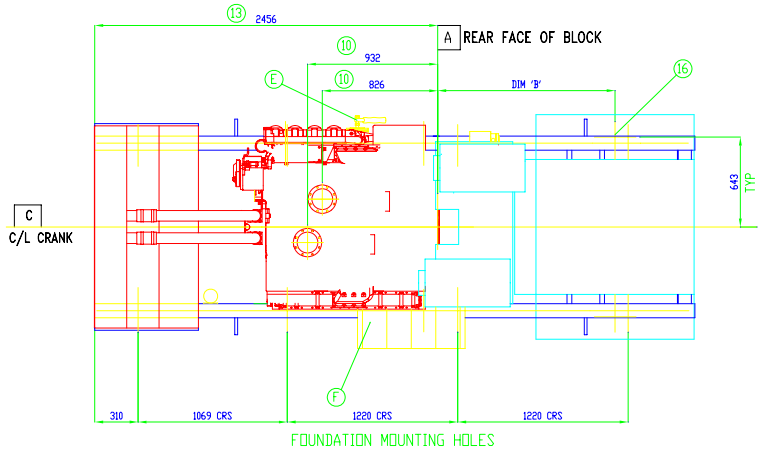
AVAILABLE OPTIONS	
ITEM	DESCRIPTION
A	CIRCUIT BREAKER / ENTRANCE BOX
B	FUEL TRANSFER HAND PUMP
C	ENGINE COOLANT HEATER
D	
E	SUMP DRAIN PUMP
F	LEAD ACID BATTERIES
G	BASE FUEL TANK-1700 LITRES (DIMS IN BRKTS)
H	FLOAT SWITCH
I	HEAVY DUTY AIR CLEANER (NOT SHOWN)
J	HEATER CONTROL BOX & SWITCH
K	50°C RADIATOR (NOT SHOWN)

DIMENSIONS IN MM

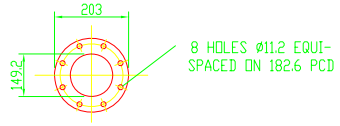
ER. No.	LTR	No.	REVISION	ZONE	DR	CHKR	APPROVED	DATE
ERK0314	A	1	PRELIMINARY RELEASE	–	NV	KTW	R WRATTEN	18/06/1999
ERK5743	5	1	MOVE FUEL CONNECTIONS AND FILTERS	A2	ALA	KTW	FLYNN	26/09/02
		2	ADD C OF G DATA & AMEND WEIGHTS	A3				
ERK10923	F	1	EXHAUST BELLOW LOCATION CORRECTIONS	–	BS	CK	MATTHEWS	22/03/05
ERK11767	G	1	Exhaust and Radiator corrections	–	HL	TS	KNIGHT	21/09/05

NOTES:

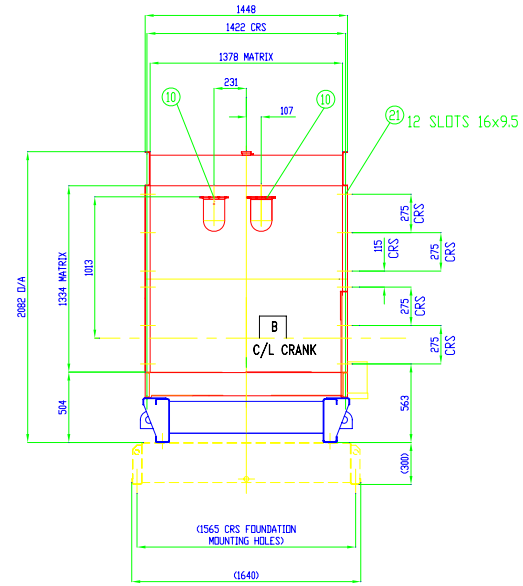
1. ENTRANCE OR CIRCUIT BREAKER BOX OPTION WILL BE MOUNTED ON THE RIGHT SIDE VIEWED FROM THE CONTROL END UNLESS OTHERWISE STATED.
2. CUSTOMER LOAD CABLES TO BE FLEXIBLE TO ALLOW FOR MOVEMENT OF GENSET ON A.V. MOUNTS.
3. FOR OPTIONS NOT SHOWN SEE ASSOCIATED OPTION DETAILS.
4. ALL WEIGHTS SHOWN ARE THE MAXIMUM WEIGHTS FOR EACH ENGINE/ALTERNATOR COMBINATION + ALL STANDARD OPTIONS.



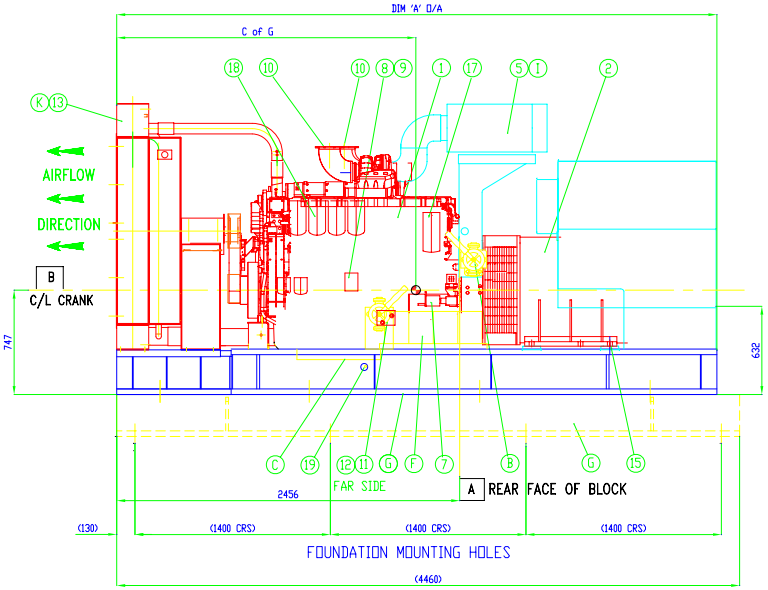
PLAN VIEW WITH OPTIONAL BASE TANK OMITTED.



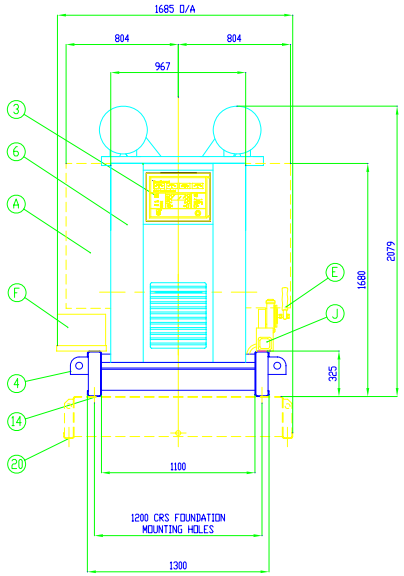
EXHAUST OUTLET CONNECTION (TYPICAL)



RADIATOR END VIEW WITH OPTIONAL BASE TANK SHOWN.



SIDE VIEW WITH OPTIONAL BASE TANK SHOWN.



CONTROL END VIEW WITH OPTIONAL BASE TANK SHOWN.

		WT WITH DRY ENGINE Kg		WT WITH WET ENGINE Kg					
ENGINE	ALTERNATOR	OPEN BED	DRY BASE TANK	OPEN BED	DRY BASE TANK	WET BASE TANK	DIM 'A'	DIM 'B'	C of G
QST30G3	HC6J	6117	6967	6296	7146	8506	4297	1270	2242
QST30G3	HC6K	7195	8045	7374	8224	9584	4391	1370	2042

TOLERANCE UNLESS OTHERWISE SPECIFIED
DIM: X = ±0.5, X.X = ±0.3, X.XX = ±0.15
HOLE: 0.09–4.99 = +0.15/−0.08; 5.00–9.99 = +0.20/−0.10; 10.00–17.99 = +0.25/−0.13; 17.50–24.99 = +0.30/−0.13

SIMILAR TO –
COPIED FROM –
THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN	Ian Walton	18/06/1999
CHECKED	Terry Skeels	23/09/2005
APPROVED	Claire Knight	03/10/2005

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FOR INTERPRETATION OF DIMENSIONING AND TOLERANCING, SEE BS 308 Part 2
FIRST USED ON DFH
SITE CODE PGK

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Cummins Power Generation
Columbus Avenue, Manston, Ramsgate
Kent, CT12 5BF, England, UK

TITLE: GA OF GENERATING SET

DWG NO. X0792038 | SHEET 1 of 1 | DWG SIZE A1