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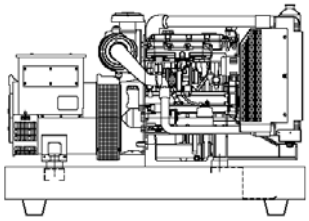
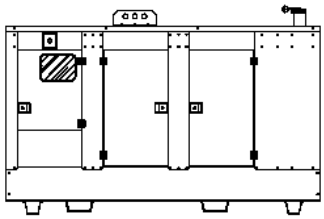
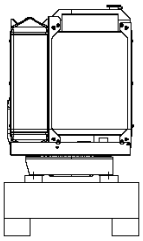
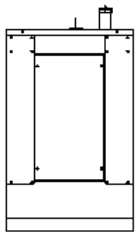
P&I GENERATORS LTD. POWER & INSTALLATION

GRUPPO ELETTROGENO GENERATING SET GROUPE ELECTROGENE		50 Hz	60 Hz	G111P	GX111P
Tensione Voltage Voltage	Volt	400/231	220/127	Versione aperta Open version Version ouverte	Versione insonorizzata Soundproof version Version insonorisée
Potenza servizio continuo Continuous power Puissance service continue	kVA	100	123		
Potenza servizio emergenza Stand by power Puissance service secours	kVA	110	135		
Fattore di potenza Power factor Facteur de puissance		cos 0,8			
Potenza servizio continuo Continuous power Puissance service continue	kWe	80,8	108,3		
Potenza servizio emergenza Stand-by Power Puissance service secours	kWe	88,5	119,3		
Consumo combustibile carico 70% Fuel consumption 70% load Consommation combustible 70% charge		l/h	l/h		

MOTORE ENGINE MOTEUR	giri/min rpm tr/min	1500	1800	ALTERNATORE ALTERNATOR ALTERNATEUR	giri/min rpm tr/min	1500	1800
Modello Model Modèle		Perkins 1104C-44TAG2		Modello Model Modèle		LEROY SOMER LSA 44.2	LSA 44.2
Potenza servizio continuo Continuous power Puissance service continue	KWm	89	119	Potenza servizio continuo Continuous power Puissance service continue		40°C 105 kVA	40°C 123 kVA
Potenza servizio emergenza Standby power Puissance service secours	KWm	98	131 ,5	Efficienza massima Max efficiency Rendement maximal		92,1 %	91,8 %
Aspirazione Aspiration Aspiration		Sovralimentata Turbocharged Suralimentée		Eccitatrice Exciter Excitatrice pivotante		**Senza spazzole** - ponte di diodi **Brushless** - edge of diodes **Sans balais** - pont de diodes	
Raffreddamento Cooling system Refroidissement		Acqua Water Eau		Morsetti Wires Fils		12	
Regolatore di giri Speed governor Régulateur de vitesse		Elettronico Electronic Electronique		Corrente di cortocircuito Short-circuit current Courant de court-circuit		300%: 10 s	
Numero cilindri Cylinders number Nombre des cylindres		4		Poli Poles Pôles	Fasi Phases Phases	4	3+ N
Cilindrata Displacement Déplacement		4.400 cm³		Isolamento Insulation Isolation	Protezione Protection Protection	H	IP 23
Alesaggio x corsa Bore x stroke Alésage x course		105 x 127 mm		Regolatore di tensione Voltage regulation Régulation du voltage	AVR	0,5 %	R 438 AREP

INFORMAZIONI LOGISTICHE LOGISTIC INFORMATION INFORMATIONS LOGISTIQUES	Serbatoio Fuel tank Réservoir	Peso Weight Poids	Dimensioni Dimensions Dimensions		
	l	Kg	cm (L x W x H))		
G111P	85	930	185	77	130
GX111P	135	1.500	297	113	190

QUADRO ELETTRICO CONTROL PANEL COFFRET DE COMMANDE				
Manuale standard Manual standard Manuel standard	Automatico in opzione Automatic optional Automatique en option			
QM120 Q	4400AMF	Q4400ATS	Q4400STS	