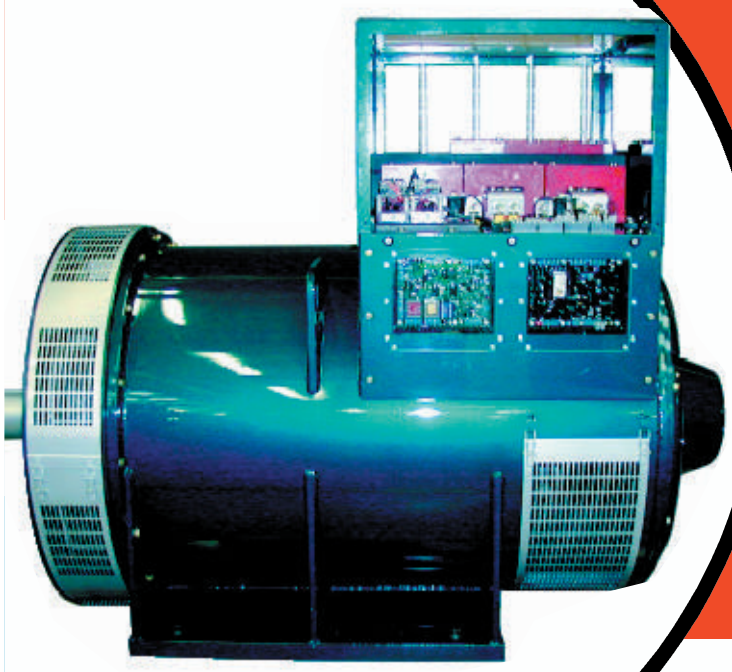
product guide

P7 Range

Voltages
380 - 690v

Outputs
1260 TO 2750kVA



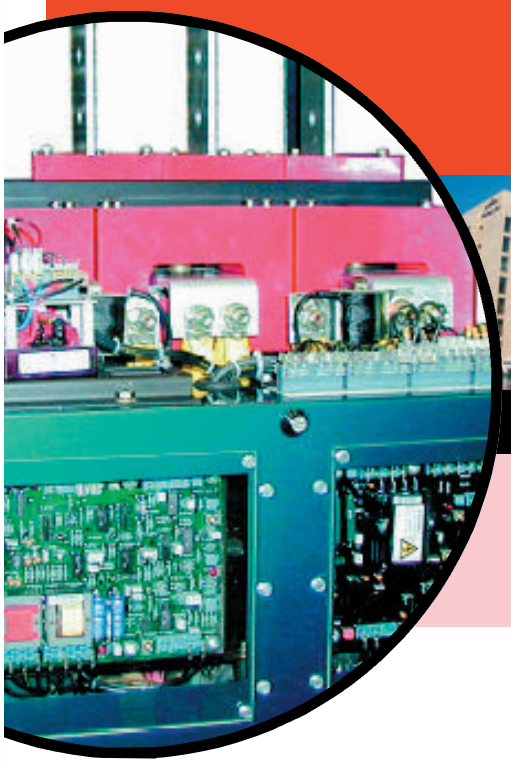
NEW STAMFORD PRODUCT

The new P7 range is designed for all your generator applications. This product has several advantages over the HC7 range which it replaces.

FEATURES :

- Simplified cable entry with entry from either side or the top of the terminal box
- Round engine adaptors to reduce the possibility of engine fouling and improve the rigidity of the connection
- Terminal box arrangements with a range of connection terminals and box heights
- ìEasy to fitî metering and differential CT arrangements
- The AVR and Power Factor Controller are fitted side by side, easy set-up arrangement
- Single and two bearing options can be supplied with re-greasable or sealed-for-life bearings (bearings on the F & G core lengths are only available as re-greasable).
- 2/3rd pitch windings avoiding excessive neutral currents
- IP23 environment protection as standard
- Easy diode access
- 4-pole and 6-pole versions available

STAMFORD



INDUSTRIAL P7 GENERATOR

The P7 industrial generator for all of your general purpose applications. This generator is suitable for all generator applications from Stand-by power to combined heat and power. Built to the same robust construction as its predecessor this generator will become a firm favourite for all industrial generator applications.

MECHANICAL OPTIONS AND ACCESSORIES

- IP44 protection
- Air filters
- Anti-condensation heaters
- Winding thermistors
- Winding and bearing RTDs
- Regreasable bearings

ELECTRICAL OPTIONS AND ACCESSORIES

- MX321 AVR
- Quadrature Droop CT
- Power Factor Controller
- RFI Suppressors
- Excitation Loss Module
- Diode Failure Detector
- Manual Voltage Regulator

EMBEDDED APPLICATIONS

For embedded applications we recommend the PE Generator.

This variation of the P range generator is optimised for long term parallel operation.

PE FEATURES:

- Enhanced windings rated at optimum efficiency
- MX321 AVR, 3 phase sensing, 0.5% regulation
- Quadrature Droop CT
- Power Factor Controller
- Re-greasable bearings as standard

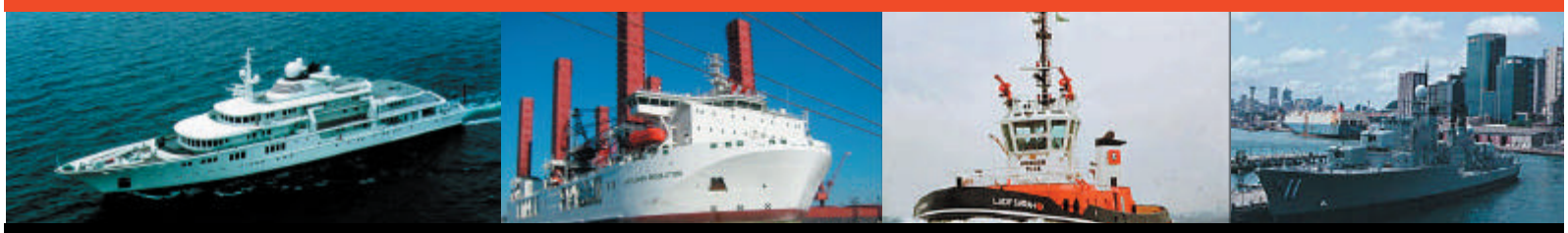
P7 INDUSTRIAL GENERATORS, 3 PHASE RATINGS AT 0.8PF - 4 POLE

		400v - 50Hz - 1500rpm			480v - 60Hz - 1800rpm		
Rating/Ambient		Base 40°C	Peak 40°C	Peak 27°C	Base 40°C	Peak 40°C	Peak 27°C
Ambient/Temp rise		Cont. 125°C	Standby 150°C	Standby 163°C	Cont. 125 oC	Standby 150°C	Standby 163°C
PI734A	kVA	1260	1315	1350	1525	1585	1630
	kW	1008	1052	1080	1220	1268	1304
PI734B	kVA	1400	1460	1500	1690	1760	1810
	kW	1120	1168	1200	1352	1408	1448
PI734C	kVA	1550	1615	1660	1890	1970	2025
	kW	1240	1292	1328	1512	1576	1620
PI734D	kVA	1650	1720	1770	2015	2100	2160
	kW	1320	1376	1416	1612	1680	1728
PI734E	kVA	1900	1980	2035	2300	2395	2465
	kW	1520	1584	1628	1840	1916	1972
PI734F	kVA	2080	2170	2230	2600	2705	2785
	kW	1664	1736	1784	2080	2164	2228
PI734G	kVA	2200	2295	2360	2750	2860	2945
	kW	1760	1836	1888	2200	2288	2356

P7 INDUSTRIAL GENERATORS, 3 PHASE RATINGS AT 0.8PF - 6 POLE

		400v - 50Hz - 1000rpm			480v - 60Hz - 1200rpm		
Rating/Ambient		Base 40°C	Peak 40°C	Peak 27°C	Base 40°C	Peak 40°C	Peak 27°C
Ambient/Temp rise		Cont. 125°C	Standby 150°C	Standby 163°C	Cont. 125 oC	Standby 150°C	Standby 163°C
PI736B	kVA	700	730	750	875	910	940
	kW	560	584	600	700	728	752
PI736D	kVA	920	960	985	1150	1200	1230
	kW	736	768	788	920	960	984
PI736F	kVA	1300	1355	1390	1625	1690	1740
	kW	1040	1084	1112	1300	1352	1392

product guide



MARINE P7 GENERATOR

STAMFORD marine ac generators are a popular choice for all marine requirements. Built to withstand the rigours of the marine environment and suitable for all marine applications, main power, auxiliary power and shaft generators.

P7 MARINE GENERATORS, 3 PHASE - 0.8 PF - 4 POLE

		400v - 50Hz - 1500rpm			480v - 60Hz - 1800rpm		
Class Rise		B	F	H	B	F	H
Temp. Rise		70/50°C	90/50°C	110/50°C	70/50°C	90/50°C	110/50°C
PM734A	kVA	910	920	1090	1095	1170	1330
	kW	728	736	872	876	936	1064
PM734B	kVA	1005	1005	1190	1215	1280	1455
	kW	804	804	952	972	1024	1164
PM734C	kVA	1115	1240	1400	1360	1540	1705
	kW	896	992	1120	1088	1232	1364
PM734D	kVA	1190	1320	1490	1450	1645	1815
	kW	952	1056	1192	1160	1316	1452
PM734E	kVA	1370	1435	1700	1655	1875	2075
	kW	1096	1148	1360	1324	1500	1660
PM734F	kVA	1495	1580	1870	1870	2120	2345
	kW	1196	1264	1496	1496	1696	1876
PM734G	kVA	1585	1795	1985	1980	2245	2480
	kW	1268	1436	1588	1584	1796	1984

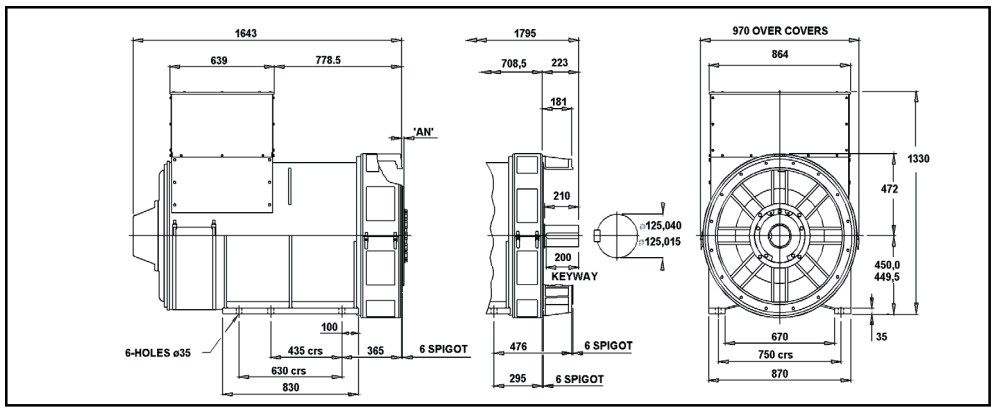
STAMFORD marine generators meet the requirements of various marine classification societies.

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- China Corporation Register of Shipping (CCRS)
- China Classification Society (CCS)
- Det Norske Veritas (DNV)
- Germanischer Lloyd (GL)
- Korean Register of Shipping (KRS)
- Lloyds Register of Shipping (LRS)
- Nippon Kaiji Kyokai (NKK)
- Polish Register of Shipping (PRS)
- Registro Italiano Navale (RINA)
- Russian Maritime Register of Shipping (RMRS)

P7 MARINE GENERATORS, 3 PHASE - 0.8 PF - 6 POLE

		400v - 50Hz - 1000rpm			480V - 60Hz - 1200rpm		
Class Rise		B	F	H	B	F	H
Temp. Rise		70/50°C	90/50°C	110/50°C	70/50°C	90/50°C	110/50°C
PM736B	kVA	480	500	525	650	750	750
	kW	384	400	420	520	600	600
PM736D	kVA	630	655	655	845	975	975
	kW	504	524	524	676	780	780
PM736F	kVA	800	850	900	1040	1200	1240
	kW	640	680	720	832	960	992

product guide

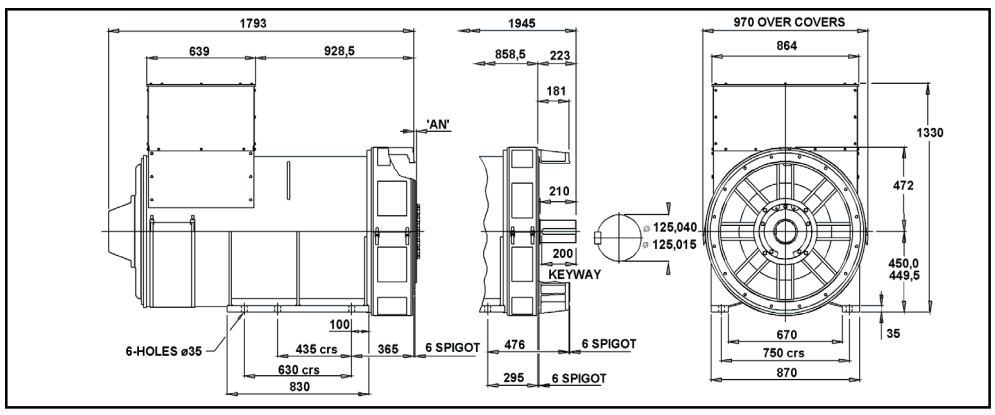


P734A,B & C
P736B

COUPLING DISC	AN
SAE No. 18	15,7
SAE No. 21	0
SAE No. 24	0

1-BRG ADAPTORS	
SAE No. 21	0
SAE No. 24	00

2-BRG ADAPTORS	
SAE No. 21	0
SAE No. 24	00

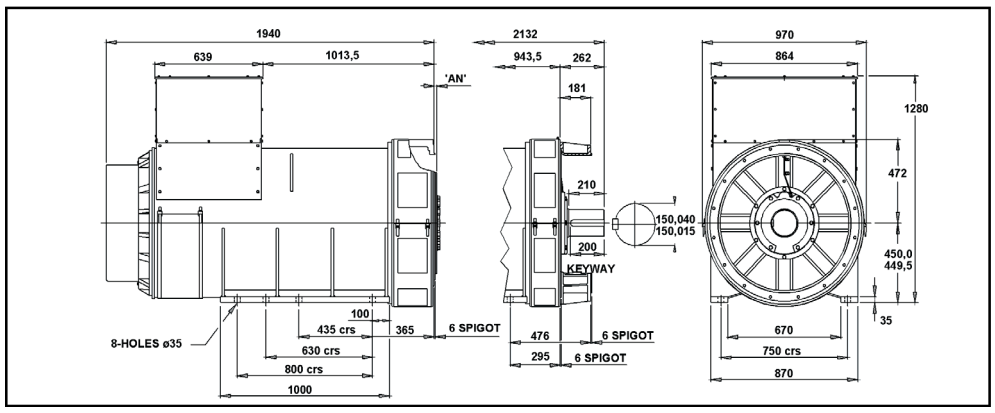


P734E & D
P736D

COUPLING DISC	AN
SAE No. 18	15,7
SAE No. 21	0
SAE No. 24	0

1-BRG ADAPTORS	
SAE No. 21	0
SAE No. 24	00

2-BRG ADAPTORS	
SAE No. 21	0
SAE No. 24	00

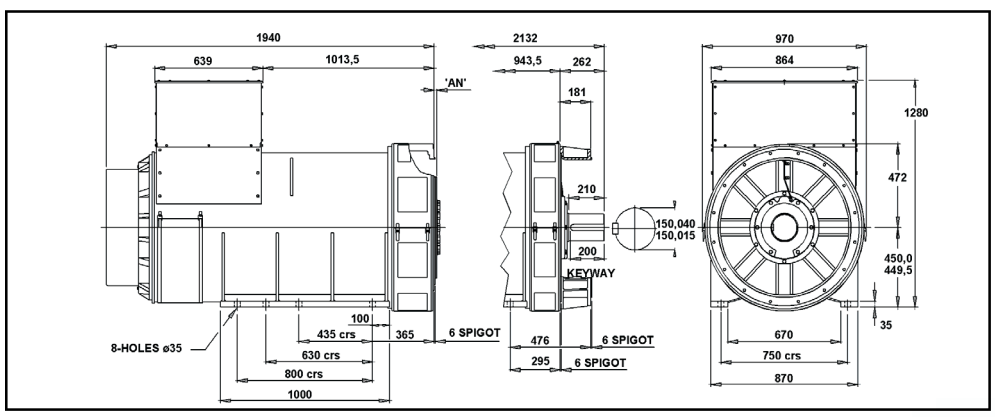


P734F
P736F

COUPLING DISC	AN
SAE No. 18	15,7
SAE No. 21	0
SAE No. 24	0

1-BRG ADAPTORS	
SAE No. 21	0
SAE No. 24	00

2-BRG ADAPTORS	
SAE No. 21	0
SAE No. 24	00



P734G

COUPLING DISC	AN
SAE No. 21	0
SAE No. 24	0

1-BRG ADAPTORS	
SAE No. 21	0
SAE No. 24	00

2-BRG ADAPTORS	
SAE No. 21	0
SAE No. 24	00

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