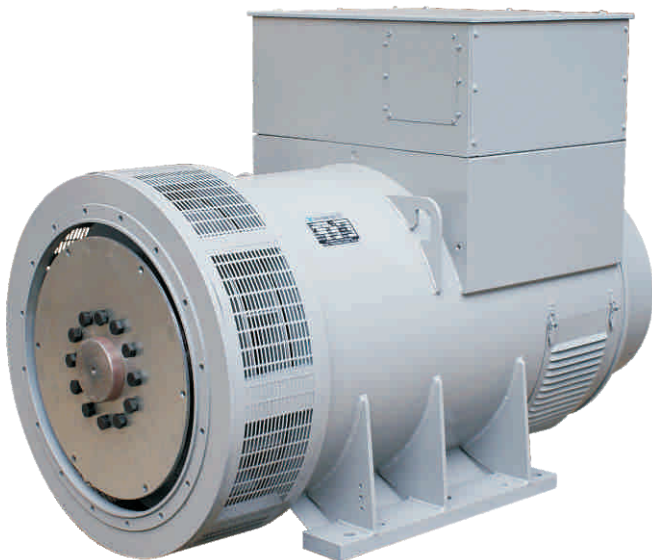




YDSF.I6 series Brushless Alternator

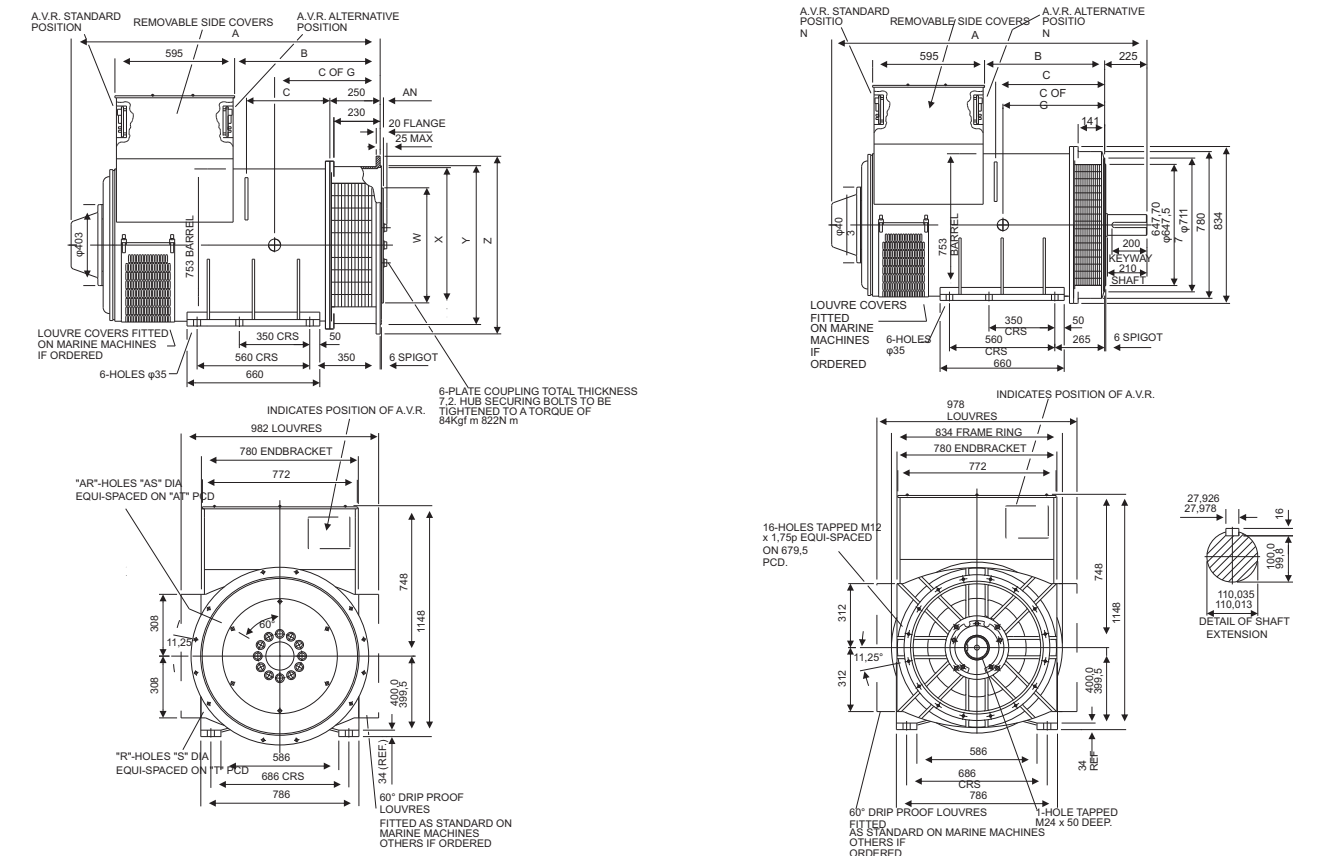


YDSF.I6 series Rating Book

YDSF6 Industrial Generator						
		50 HZ 1500RPM			60 HZ 1800RPM	
Voltage		class H(125K)			class H(115K)	
Series star		380	400	415	416	440
Parallel Star		190	200	208	208	220
Series Delta		220	230	240	240	254
YDSG.I6B	Rated Volume(KVA)	710	750	750	813	855
	Rated Power(KW)	568	600	600	650	684
	efficiency(%)	93.2	93.3	93.5	93.0	93.1
YDSG.I6C	Rated Volume(KVA)	760	800	800	865	916
	Rated Power(KW)	608	640	640	692	733
	efficiency(%)	93.6	93.6	93.8	93.4	93.5
YDSG.I6D	Rated Volume(KVA)	865	910	910	986	1043
	Rated Power(KW)	692	728	728	789	834
	efficiency(%)	93.5	93.5	93.7	93.3	93.4
YDSG.I6E	Rated Volume(KVA)	950	1000	1000	1083	1145
	Rated Power(KW)	760	800	800	866	916
	efficiency(%)	94.2	94.2	94.4	94.1	94.2
YDSG.I6F	Rated Volume(KVA)	1090	1130	1130	1204	1274
	Rated Power(KW)	872	904	904	963	1019
	efficiency(%)	94.6	94.7	94.8	94.6	94.7
YDSG.I6G	Rated Volume(KVA)	1190	1250	1250	1310	1386
	Rated Power(KW)	952	1000	1000	1048	1109
	efficiency(%)	94.8	94.9	95.0	94.9	94.9

The alternator have been designed for use in a maximum ambient temperature of 40°C and altitude less than 1000m above sea level.
Marine rating is based on the ambient temperature 45°C, continuous operation. So alternator be design to 4-pole.
All the voltage from above table are available from the wide range winding, That is through reconnectable 12 lead(3-phase) and 4 lead(single-phase) obtained.
Other voltage alternator manufactured according to customer needs.

YDSF.I6 series External Dimension



YDSF6B-G SINGLE-BEARING

DIMENSIONS				
FRAME	A	B	C	C OF G
YDSF.I6B	1578	726	405	587
YDSF.I6C	1578	726	405	591
YDSF.I6D	1578	726	405	597
YDSF.I6E	1578	726	405	607
YDSF.I6F	1578	726	405	625
YDSF.I6G	1679	826	464	735

FLANGE ADAPTOR						
SAE No.	W	X	Y	R	S	T
00	772	787.3	883	12 or 16	14	851.0

DISC COUPLING					
SAE No.	W	AN	AR	AS	AT
24	733.3	0	12	20.7	692
21	673.02	0	12	16.7	641.3
18	571.42	15.87	6	16.7	543.0

SHIPPING SIZE			
MODEL	N.W	G.W	DIMENSION
YDSF.I6B1	1950	2020	1680*950*1300
YDSF.I6C1	1970	2040	1680*950*1300
YDSF.I6D1	2030	2100	1680*950*1300
YDSF.I6E1	2190	2260	1680*950*1300
YDSF.I6F1	2420	2490	1680*950*1300
YDSF.I6G1	2750	2820	1780*950*1300

YDSF6B-G DOUBLE-BEARING

DIMENSIONS				
FRAME	A	B	C	C OF G
YDSF.I6B	1718	640	570	587
YDSF.I6C	1718	640	570	591
YDSF.I6D	1718	640	570	597
YDSF.I6E	1718	640	570	607
YDSF.I6F	1718	640	570	635
YDSF.I6G	1904	826	716	753

SHIPPING SIZE			
MODEL	N.W	G.W	DIMENSION
YDSF.I6B2	1960	2030	1860*950*1300
YDSF.I6C2	1980	2050	1860*950*1300
YDSF.I6D2	2040	2110	1860*950*1300
YDSF.I6E2	2210	2270	1860*950*1300
YDSF.I6F2	2430	2500	1860*950*1300
YDSF.I6G2	2760	2830	2060*950*1300