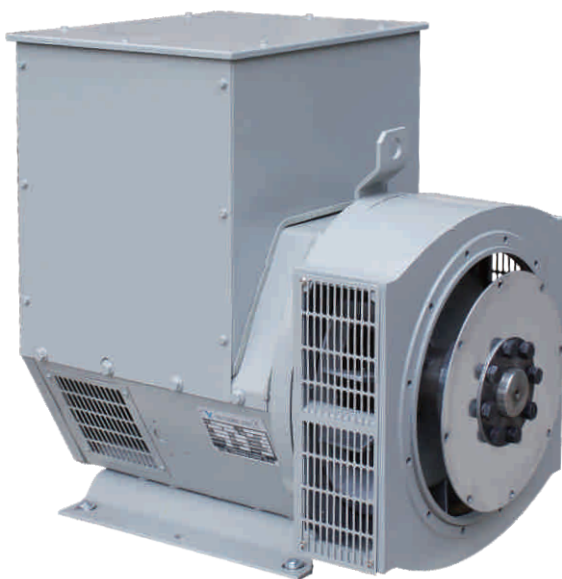




YDSFI224 series Brushless Alternator



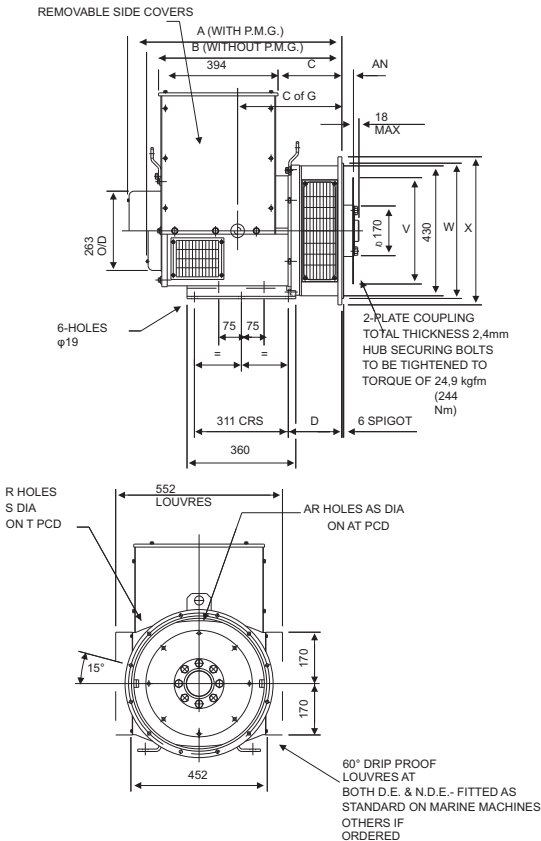
YDSFI224 series Rating Book

YDSF224 Industrial Generator									
50 HZ 1500RPM					60 HZ 1800RPM				
Voltage	class H(125K)				class H(115K)				
Series Star	380	400	415	440	416	440	450	460	480
Parallel Star	190	200	208	220	208	220	225	230	240
Series Delta	220	230	240	254	240	254	260	266	277
YDSF.I224C	Rated Volume(KVA)	42.5	42.5	42.5	40.0	50.0	52.5	52.5	55.0
	Rated Power(KW)	34.0	34.0	34.0	32.0	40.0	42.0	42.0	44.0
	Efficiency(%)	86.5	87.1	87.4	88.2	86.8	87.2	87.5	87.9
YDSF.I224D	Rated Volume(KVA)	50.0	50.0	50.0	48.0	60.0	62.5	62.5	65.0
	RATED Power(KW)	40.0	40.0	40.0	38.4	48.0	50.0	50.0	52.0
	Efficiency(%)	87.8	88.2	88.5	89.0	87.8	88.2	88.4	88.8
YDSF.I224E	Rated Volume(KVA)	60.0	60.0	60.0	58.0	67.5	70.0	71.3	75.0
	Rated Power(KW)	48.0	48.0	48.0	46.4	54.0	56.0	57.0	60.0
	Efficiency(%)	88.1	88.6	88.9	89.5	88.5	88.9	89.1	89.4
YDSF.I224F	Rated Volume(KVA)	72.5	72.5	72.5	70.0	83.8	87.5	87.5	93.8
	Rated Power(KW)	58.0	58.0	58.0	56.0	67.0	70.0	70.0	75.0
	Efficiency(%)	89.6	90.0	90.2	90.6	89.9	90.2	90.4	90.5
YDSF.I224G	Rated Volume(KVA)	85.0	85.0	85.0	79.0	93.8	97.5	98.8	104
	Rated Power(KW)	68.0	68.0	68.0	63.2	75.0	78.0	79.0	83.0
	Efficiency(%)	89.9	90.2	90.4	90.8	90.4	90.6	90.7	91.0

Note: 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.



YDSFI224 series External Dimension



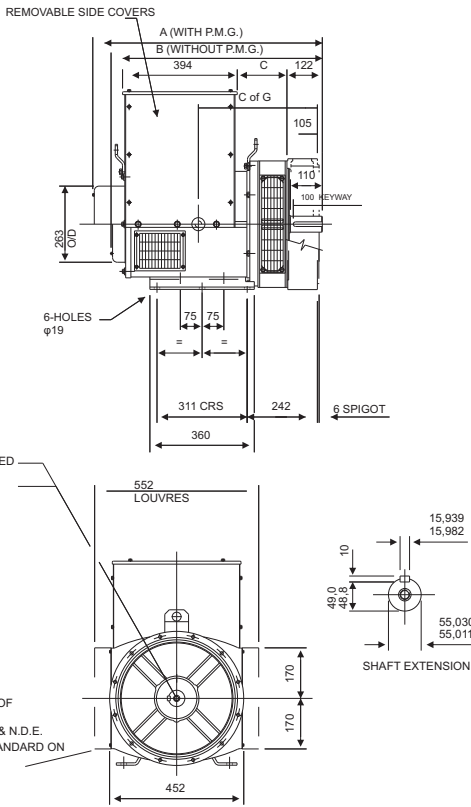
YDSF224E-G SINGLE-BEARING

DIMENSIONS					
SAE No.	FRAME	A	B	C	C OF G
SAE 1 #	YDSF.I224C	724.3	661.3	224.3	323
	YDSF.I224D	724.3	661.3	224.3	333
	YDSF.I224E	814.3	751.3	314.3	348
	YDSF.I224F	814.3	751.3	314.3	358
	YDSF.I224G	859.3	796.3	359.3	373
SAE 2,3&4 #	YDSF.I224C	710	647	210	311
	YDSF.I224D	710	647	210	321
	YDSF.I224E	800	737	300	336
	YDSF.I224F	800	737	300	346
	YDSF.I224G	845	782	345	361

FLANGE ADAPTOR						
SAE No.	D	R	S	T	W	X
1	191.3	12	12.7	530.2	511.1	553
2	177	12	11	466.7	447.6	490
3	177	12	11	428.6	409.5	451
4	177	12	11	381	361.9	403

DISC COUPLING					
SAE No.	"AN"	"AR"	"AS"	"AT"	"V"
8	61.9	6	11	244.4	263.4
10	53.98	8	11	295.3	314.2
11.5	39.68	8	11	333.3	352.3
14	25.40	8	13.5	438.2	466.6

SHIPPING SIZE			
MODEL	N.W	G.W	DIMENSION
YDSF.I224C1	235	255	820*550*810
YDSF.I224D1	250	270	820*550*810
YDSF.I224E1	270	290	910*550*810
YDSF.I224F1	310	330	910*550*810
YDSF.I224G1	350	370	960*550*810



YDSF224E-G DOUBLE-BEARING

DIMENSIONS				
FRAME	A	B	C	C OF G
YDSF.I224C	792	729	170	260
YDSF.I224D	792	729	170	273
YDSF.I224E	882	819	260	310
YDSF.I224F	882	819	260	330
YDSF.I224G	927	864	305	378

SHIPPING SIZE			
MODEL	N.W	G.W	DIMENSION
YDSF.I224C2	235	255	820*550*810
YDSF.I224D2	250	270	820*550*810
YDSF.I224E2	270	290	910*550*810
YDSF.I224F2	310	330	910*550*810
YDSF.I224G2	350	370	960*550*810