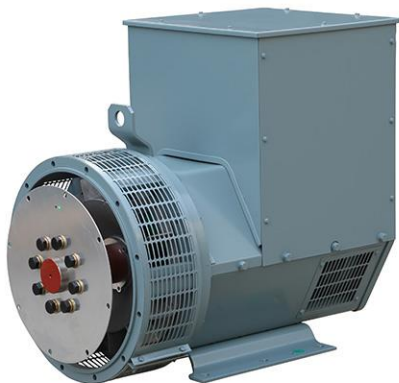


**Model: FLD224**

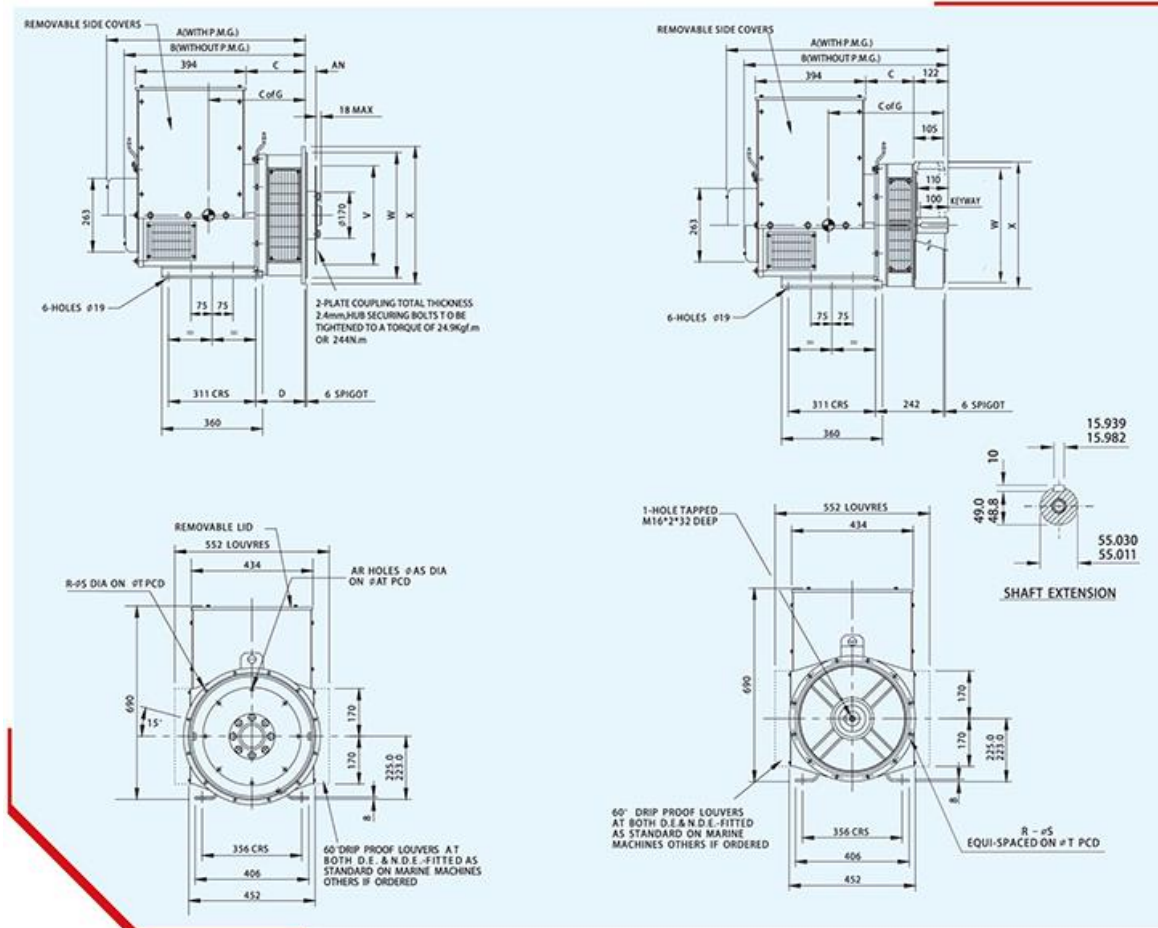


• **DATA SHEET**

FLD224		Three-phase H class temperature rise 125°C						
VOLTAGE		50Hz/1500Rpm			60Hz/1800Rpm			
STAR(Y)-SERIES		380	400	415	416	440	460	480
STAR(Y)-PARALLEL		190	200	208	208	220	230	240
DELTA(Δ)-SERIES		220	230	240	240	254	266	277
FLD224C	Rated capacity (KVA)	42.5	42.5	42.5	50.0	52.5	52.5	55.0
	Rated Power (KW)	34.0	34.0	34.0	40.0	42.0	42.0	44.0
	Efficiency (%)	86.6	87.1	87.4	87.0	87.4	87.8	88.0
FLD224D	Rated capacity (KVA)	50.0	50.0	50.0	60.0	62.5	62.5	65.0
	Rated Power (KW)	40.0	40.0	40.0	48.0	50.0	50.0	52.0
	Efficiency (%)	87.7	88.2	88.5	87.9	88.3	88.7	88.9
FLD224E	Rated capacity (KVA)	60.0	60.0	60.0	67.5	72.5	75.0	78.0
	Rated Power (KW)	48.0	48.0	48.0	54.0	58.0	60.0	62.4
	Efficiency (%)	88.3	88.6	88.8	88.7	89.0	89.3	89.5
FLD224F	Rated capacity (KVA)	72.5	72.5	72.5	83.8	87.5	87.5	93.8
	Rated Power (KW)	58.0	58.0	58.0	67.0	70.0	70.0	75.0
	Efficiency (%)	89.6	89.9	90.1	90.0	90.3	90.5	90.6
FLD224G	Rated capacity (KVA)	85.0	85.0	85.0	95.0	100.0	100.0	105.0
	Rated Power (KW)	68.0	68.0	68.0	76.0	80.0	80.0	84.0
	Efficiency (%)	89.8	90.2	90.4	90.5	90.7	90.9	91.1

## Model: FLD224

- EXTERNAL DIMENSION



### SINGLE BEARING SUPPORTING

DIMENSION					
TYPE		A	B	C	C of G
SAE1	FLD224C	724.3	661.3	224.3	323
	FLD224D	724.3	661.3	224.3	333
	FLD224E	814.3	751.3	314.3	348
	FLD224F	814.3	751.3	314.3	358
	FLD224G	859.3	796.3	359.3	373
SAE2&3	FLD224C	710	647	210	311
	FLD224D	710	647	210	321
	FLD224E	800	737	300	336
	FLD224F	800	737	300	346
	FLD224G	845	782	345	361

COUPLING DISC					
SAE NO.	AN	AR	AS	AT	V
8	61.9	6	11	244.5	263.4
10	53.98	8	11	295.3	314.2
11.5	39.68	8	11	333.3	352.3
14	25.4	8	13.5	438.2	466.6

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	428.7	409.5	451
4	177	12	11	381	361.9	403

SHIPPING DETAILS			
TYPE	N.W(kg)	G.W(kg)	PACKING SIZE(cm)
FLD224C	235	255	75X55X77
FLD224D	250	270	75X55X77
FLD224E	270	290	84X55X77
FLD224F	310	330	84X55X77
FLD224G	350	370	88X55X77

**DOUBLE BEARING SUPPORTING**

DIMENSION				
TYPE	A	B	C	C of G
FLD224C	792	729	170	368
FLD224D	792	729	170	378
FLD224E	882	819	260	393
FLD224F	882	819	260	403
FLD224G	927	864	305	418

FLANGE ADAPTOR					
SAE NO.	R	S	T	W	X
1	12	12.7	530.2	511.1	553
2	12	11	466.7	447.6	490
3	12	11	428.7	409.5	451
4	12	11	381.0	361.9	403
5	8	11	333.3	314.3	356

SHIPPING DETAILS			
TYPE	N.W(kg)	G.W(kg)	PACKING SIZE(cm)
FLD224C	255	275	84X55X77
FLD224D	270	295	84X55X77
FLD224E	290	315	94X55X77
FLD224F	330	345	94X55X77
FLD224G	360	385	94X55X77