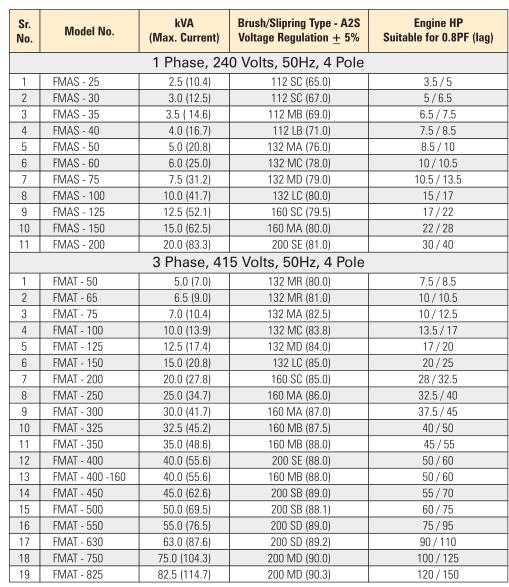
# DOCTOR GEAR BOX DRIVEN DOUBLE BEARING AC GENERATORS

PERFORMANCE CHART FOR AC ALTERNATORS AT 1500 RPM



As the design and manufacture of "doctor" AC Generators are subject to constant development, the product supplied may differ in some details of the specification given.



#### Note

- Efficiency @ full load listed above are subject to the tolerance as per applicable standards.
- Brush/Slipring type A2S AC alternators with different voltages (up to 300V in 1Ø & 600V in 3Ø) Can be made available on request.
- All the above AC alternator models are made to aluminium die cast frame & are self excited, self ventilated, screen protected drip proof with enclosure confirming to protection IP23, horizontal foot mounted (B3) & temperature rise limited to class 'H' limits.
- All the above AC alternator models are suitable for running under ambient temperature less than 40° C & altitude less than 1000 mtrs.

# Operating in different environments :

- If the ambient temperature exceeds 40° C, the derating factor to be incorporated is 4% for every 5° C increase.
- If the altitude is higher than 1000 mtrs. above sea level, it is necessary to derate by a factor of 4% for every 500 mtrs.

### Note:

- AC alternators can be used for belt driven application also.
- A like, AC alternators can be used with slow speed engines & tractors.

## Applications:

- Continuous and stand-by power for telecom, Defense and railway sectors, Airports.
- It can also be installed at places like Petrol pumps, Hospitals, Hotels & restaurants, Residential and Commercial complexes, Super markets, Banks, Construction sites, Cold storage, Rice mills, Farm houses, Agriculture, Industries, Marine etc.