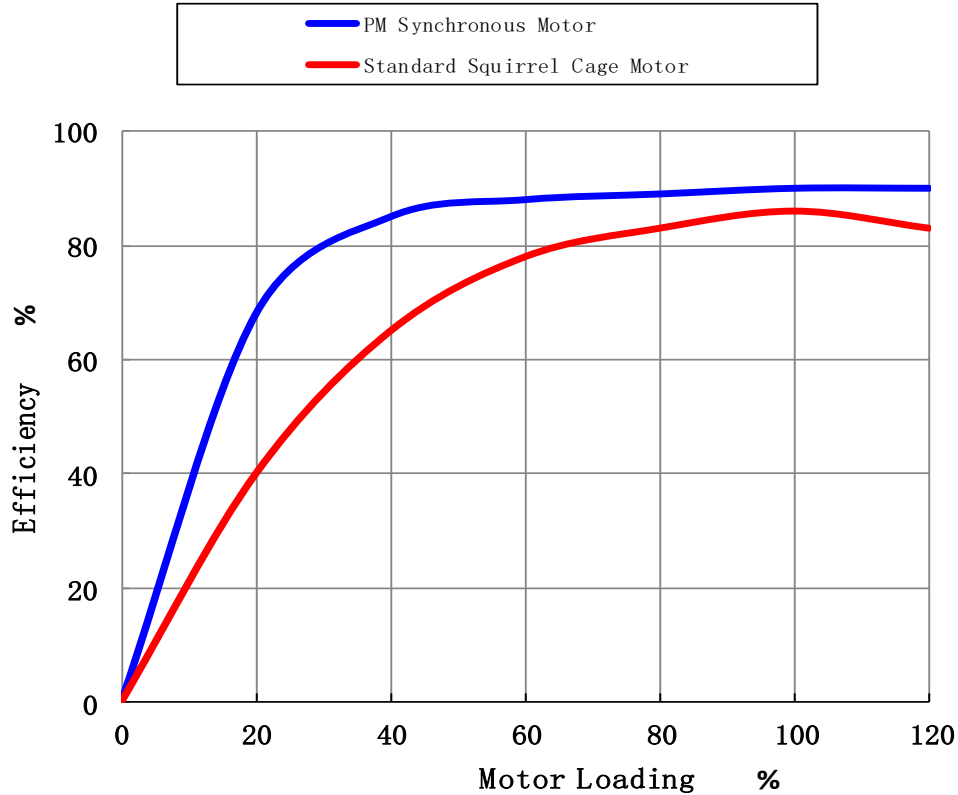


Permanent Magnet Motors VS Regular Squirrel Cage Motors

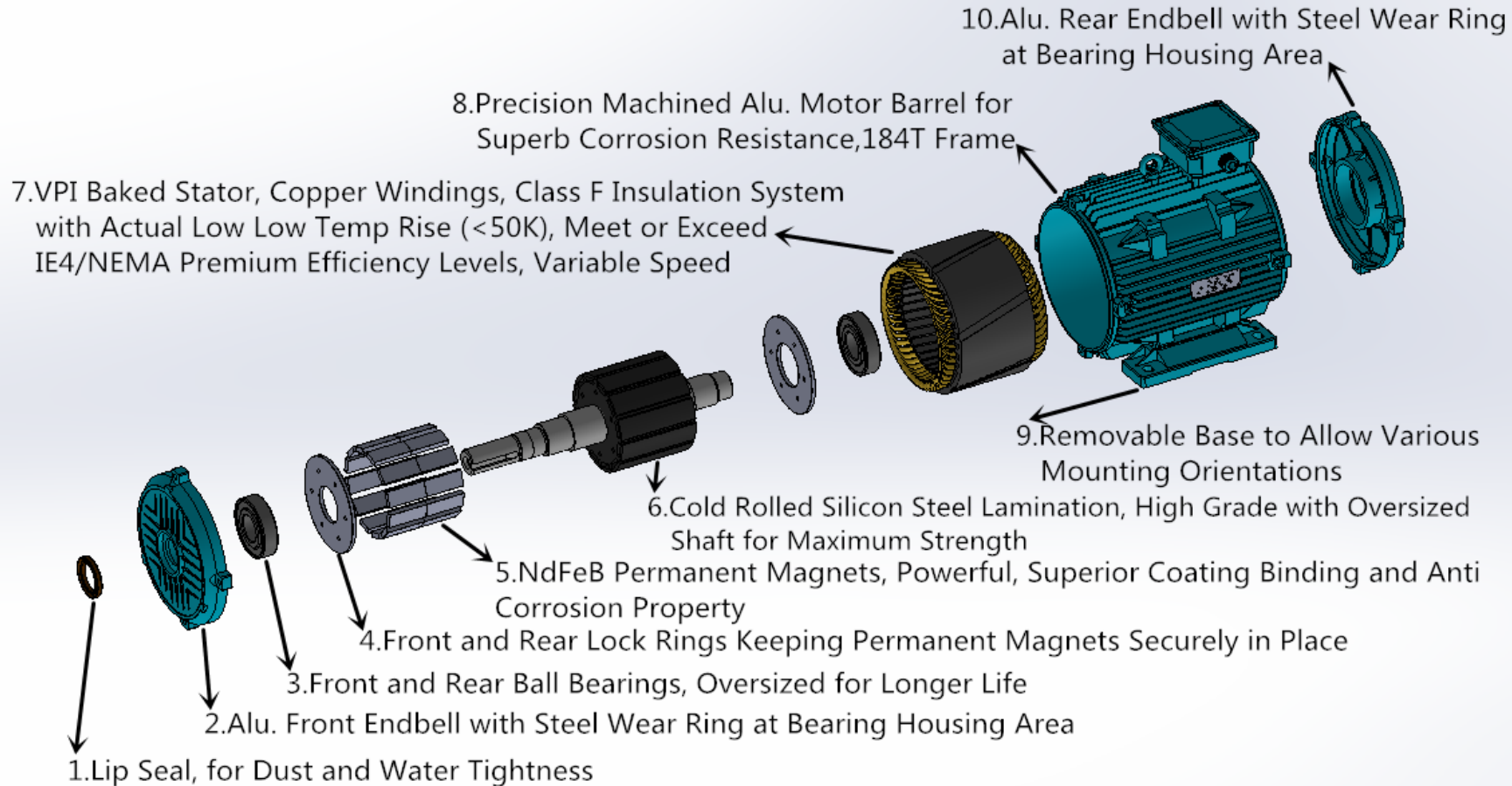
- PM Motors for Fans
- 36"-84" Exhaust
- 36"-84" Recirculation
- 8 ft-24ft HVLS -DD

Efficiency Comparative Curves



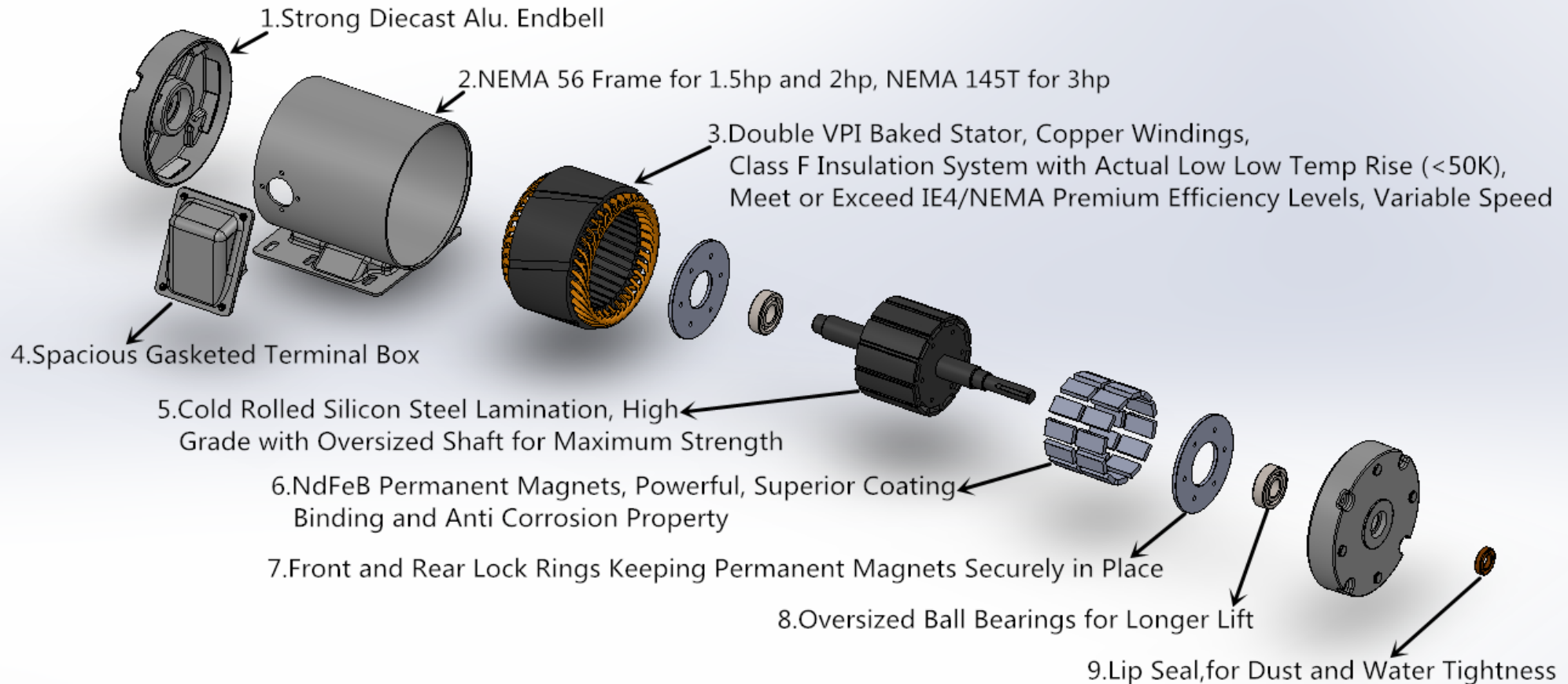
Permanent Magnet Motor Features, 600RPM Direct Drive

IE4/Premium Efficiency Permanent Magnet TEAO Fan Motors, Variable Speed
NEMA 184T Frame, 600RPM for Direct Drive (1.5HP, 2HP and 3HP)



Permanent Magnet Motor Features, 1800RPM, Belt Drive

IE4/Premium Efficiency Permanent Magnet TEAO Fan Motors, Variable Speed, 1800RPM for Belt Drive
Work Best With Heavy Duty IP66 EM30 VFD Drive



Heavy Duty Water Proof IP66 VFD Drive, Alu. Enclosure



EM30 0.4 kW - 7,5 kW FREQUENCY INVERTER

HIGHLIGHTS

High-tech motor control concept, based on advanced DSP-technology V/Hz, SENSORLESS VECTOR, PMM synchronous motor mode - SPEED/TORQUE control Intelligent AUTOTUNING functions for easy set-up

Rugged construction, all metal enclosure, thermally decoupled from motor, IP67/NEMA4, shock proof (4G)

Flexible configurable man/machine interface - fieldbus capability

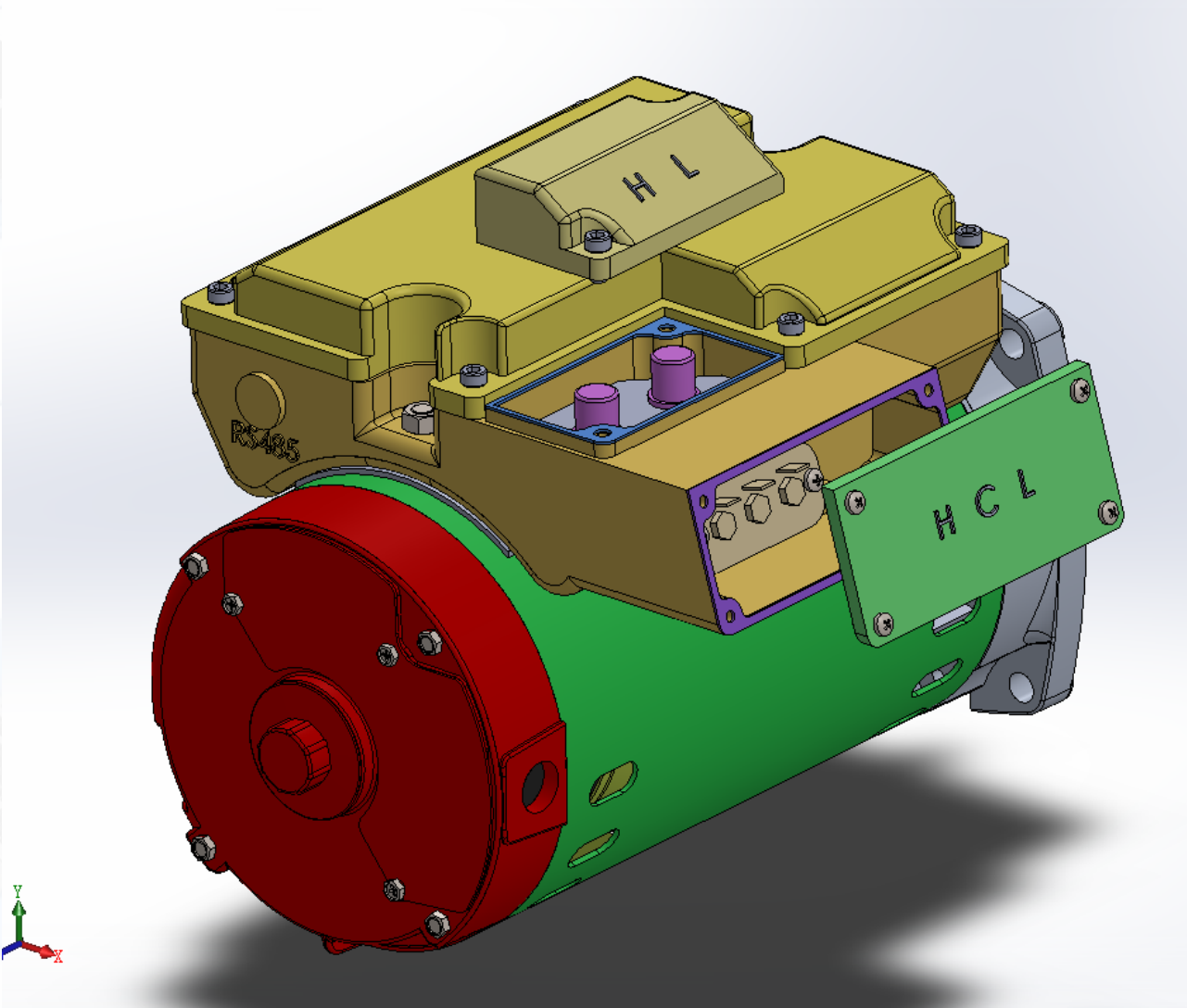
Numerous functions, to make it suitable for all kind of industrial and residential applications, and for retrofit as well

Optional C1 class EMC filter build in

Smart PC-tools, for inverter control, parametrization and troubleshooting. Parameter-duplication stick

Approved for worldwide standards by independent bodies

Double Barrel Heat Shielded Pump Motor with VFD Drive



Double Barrel Pump Motor Ventilation Schematic

Patent Pending

