

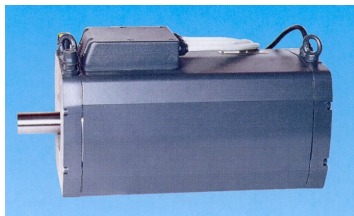
Specifications small Siemens EV motors

Motor type	1FV5104-6WS09	ACWS 80 4-4 D3	1LH5118-4AA99-Z
	PM synchronous	PM synchronous	Induction
Rated power (kW)	18 @ 2500 rpm	21 @ 10000 rpm	15 @ 3500 rpm
Rated torque (Nm)	69	20	65
Rated DC voltage (V)	110	200	160
Rated current ($A_{peak,block}$)	400	100	110 rms value
Max power (kW)	35 @ 130 V DC	45 @ 350 V DC	80 @ 350 V DC
Max torque (Nm)	75 @ 400 A_{peak}	60 @ 300 A_{peak}	123 @ 280 A_{rms}
Max motor speed (rpm)	6400	12500	10000
Weight (kg)	39	20	41.5
Dimensions LxWxH (mm)	379x190x190	352x166 \varnothing	360x196x196

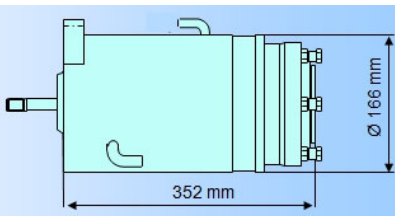
The above mentioned motors and generators meet the following general specifications:

Cooling media	Water/glycol
Ambient temperature (°C)	-30...70
Degree of protection	IP54

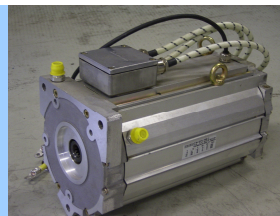
On request, power/torque characteristics as well 2-D drawings for the motors are available.



1FV5104-6WS09



ACWS 80 4-4 D3



1LH5118-4AA99-Z