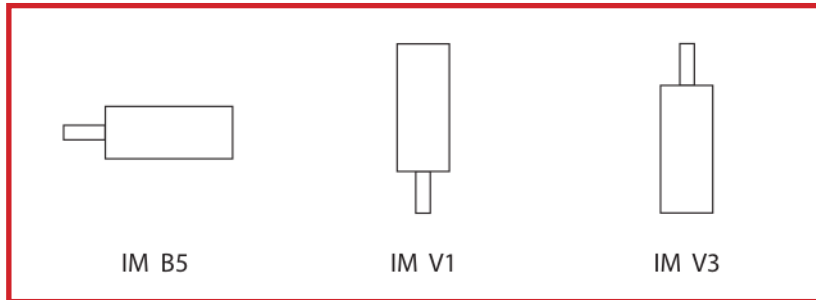


## PROTECTION CLASS

IP 54 Standard - IP 65 Option

The possible protection class at the machine depends on the position in which the motor will be mounted.  
According to DIN 42950 part 1 (edition 08.77), the motors can be mounted on the machine as follows:



MOTOR PART	PROTECTION CLASS	MOUNTING POSITION / REMARK
Shaft	IP54	IMB5, IMV1
	IP50	IMV3
	IP65	in IMV3 shaft sealing required
Housing	Standard: IP54	Without shaft sealing
	Optional: IP65	IP65 with shaft sealing
Power / FDBK interface @ motor side	Standard: IP65	Flying leads & Military connector
Flying leads plug on cable	IP40 <sup>1)</sup>	
Cooling system	Standard convection: see housing	

<sup>1)</sup> Wires are protected by a heat shrink tubing