

BC Mining Range

High Efficiency Mining Spec Cast Iron Motors

Specifications	
Standard Product	
Power Ratings	0.55kW (4P only), 0.75kW to 250kW (2P & 6P) up to 400kW (4P)
Voltage	400/690V
Frequency	50Hz
Efficiency	IE3
Frame Material	Cast Iron, 80M Frame to 400M Frame
Enclosure	IP66
Mounting Position	Foot (B3), Flange (B5)
	Foot & Flange (B35)
Standard Terminal Box Position	Right Hand Side
Cooling	IC411 (TEFC)
Insulation	H – Class with maximum B Temp rise
Thermal Protection	Thermistors (PTC) 150°C Std, 400 frame comes with bearing RTDs standard
Anti-condensation heaters	160 Frame and Above – 240V
Ambient	-20°C to +40°C
Altitude	Up to 1000m above sea level
Lubrication	80 to 132 – greased for life bearings
	160 to 355 – Regreasable bearing design
Inverter Duty (with derate)	Variable torque: 10:1
	Constant torque: 2:1
Paint Colour	Bright Red Orange (RAL 2008)



 BROOK CROMPTON Keeping Industry Turning				Mining Motor												
TYPE OMK3-315S0-02P			IM B3		IP 66		NR									
Hz		KW		r/min		V		A		CONN		COS		EFF		
50		110		2980		400/690		185.3/107.4		Δ/Y		0.9		95.2%		
DUTY S1			INS H		PTC 150℃			KG			IEC60034-1					
BRGS DE 6317C3					BRGS NDE 6317C3											
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