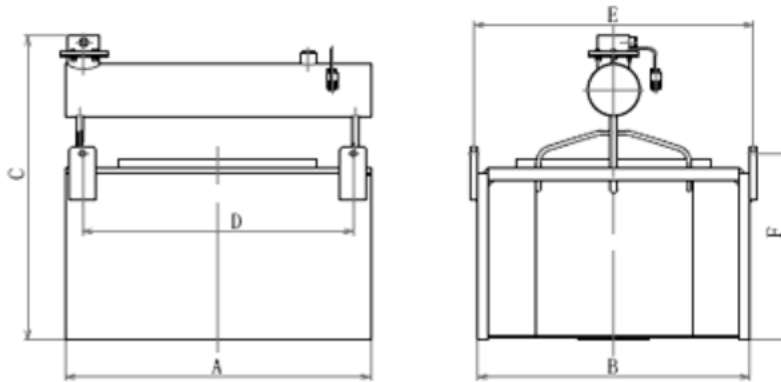


RCDE Oil-cooled electromagnetic separator



Scope of use:

It can be applied to all kinds of harsh environmental conditions for any material in front of the crusher and conveyor belt.

Technical characteristics:

1. The magnetic circuit is designed by computer simulation. The magnetic penetration depth is large and the magnetic force is strong.
2. The excitation coil is specially designed with longitudinal and transverse oil channels, which is very conducive to heat transfer to transformer oil, and effectively reduces the temperature of the coil.
3. The coil is made by special epoxy resin soaking and curing technology, which improves the insulation performance of the whole machine, fully sealing structure, dustproof and rain proof. Corrosion resistance.
4. The corrugated fin can greatly improve the heat dissipation area and effectively control the temperature rise.
5. It can effectively absorb the ferromagnetic substance mixed with 0.1-35 kilograms in non-magnetic materials.

Main technical parameters:

Project Model Parameter	Adaptive bandwidth (mm)	Rated hoisting h (mm)	Magnetic field intensity $\geq$ mT	Adaptive band speed $\leq$ m/s	Material Thickness $\leq$ mm	Excitation power $\leq$ kw	Weight (kg)	Size (mm)				
								A	B	C	D	E
RCDE-4	400	100	50	4.5	60	0.6	300	600	400	620	360	360
RCDE-5	500	150	60		100	1	500	740	500	730	460	460
RCDE-6	600	175	60		125	1.5	650	840	600	760	560	560
RCDE-6.5	650	200	70		150	2.0	750	890	650	830	610	610
RCDE-8	800	250	70		200	3	1150	1024	800	850	760	760
RCDE-10	1000	300	70		250	4.5	1400	1300	1000	950	940	940
RCDE-12	1200	350	70		300	6	2780	1500	1200	1050	1160	1160
RCDE-14	1400	400	70		350	8.5	4200	1700	1400	1100	1360	1360
RCDE-16	1600	450	70		400	12.5	5700	2000	1600	1200	1540	1540
RCDE-18	1800	500	70		450	18	7300	2200	1800	1300	1740	1740

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