



# MAGNETIC SEPARATOR

RCYB



## PERMANENT MAGNETIC SEPARATOR

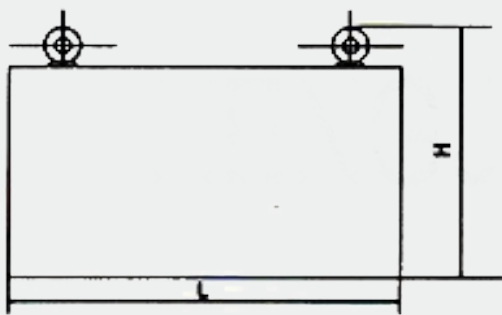
RCYB series suspended permanent magnetic separators are designed by advanced computer simulation, it have the perfect double-pole structure so that effectively guaranteeing the maximum adsorption capacity of iron debris within the working distance, internal magnetic material is made by high-strength rare earth neodymium, NdFeB is high purity, high magnetic intensity, this equipment can easily pick up the iron debris. Has maintenance-free, long life, easy to install, easy to use, reliable operation and other characteristics, suitable for belt conveyor, vibrating conveyor, electromagnetic vibrating feeder, non-magnetic materials chute, adsorptive capacity from 0.1 to 35 kg of ferromagnetic material, internal permanent magnet system life is more 10 years, the whole optimization design, the inner core is perfused by resin, good sealing, oxidation protection, the consumption for magnetic force does not exceed 4% within 10 years. the technical indicators meet the JB/T8711-2006 standard.

## PRODUCT FEATURES:

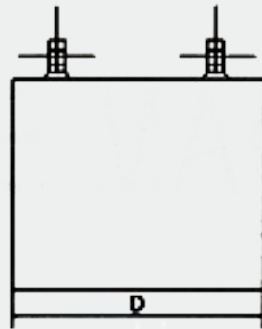
- Magnetic circuit is designed by computer simulation, high performance, the magnetic field strength high.
- High-performance NdFeB material is magnetic source, high coercivity, demagnetization not exceed 4% within ten years.
- Energy saving, trouble-free operation in harsh environments.
- Small size, light weight, easy to install.



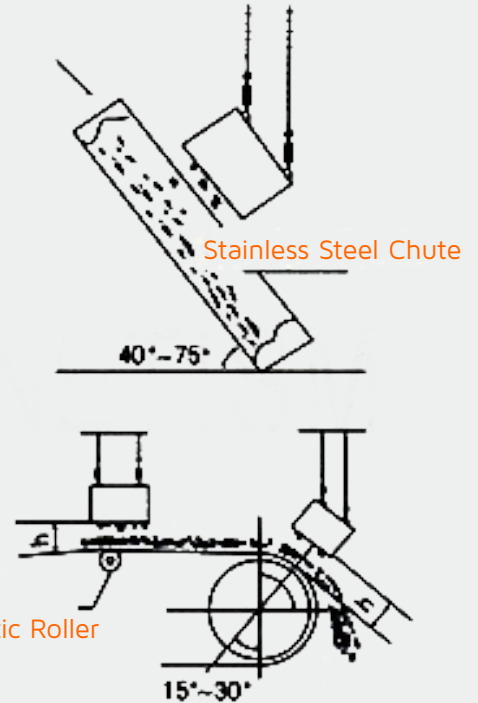
## Dimensional Sketches and Installation Sketches :



**Overall Dimension**



**Non-magnetic Roller**



**Installation Diagram**

## Technical Parameter Table :

MODEL	ADAPTIVE BELT WIDTH mm	SUSPENSION HEIGH h=mm	MATERIAL THICKNESS ≤mm	MAGNET INTENSITY ≥mT	ADAPTIVE BELT SPEED ≤m/s	HEIGHT kg	OVERAL DIMENSION mm		
							L	D	H
RCYB-4	400	130	80	70	4.5	115	400	300	210
RCYB-5	500	150	100	70		180	500	400	230
RCYB-6	600/650	180	130	70		300	600	500	250
RCYB-6.5	650	200	150	70		450	650	600	250
RCYB-8	800	250	200	70		680	800	700	250
RCYB-10	1000	300	250	70		980	1000	800	250
RCYB-12	1200	350	300	70		1300	1200	1000	270
RCYB-14	1400	400	350	70		2100	1400	1300	270
RCYB-16	1600	450	400	70		2580	1600	1500	270