

## Magnetic separators **URAC**



The URAC magnetic separators are designed specifically for incorporation in pneumatic pressure conveying lines. They effectively separate tramp iron from a fast-flowing stream of product and air, ensuring high product quality and operational safety.

### Application

Grain Mills: Protects impact mills and grinding rolls from damage by iron objects.

Food Production: Ensures product safety by removing metal particles that could pose health risks and liability issues.

### Working principle

The stream of material flows over the magnetic rod, where the magnetic fields of these rods attract the ferrous particles. The design fixes the magnet to the machine's door in a horizontal placement, allowing it to be easily cleaned when the door is opened. Additionally, the interlock ensures that the door is securely closed once the cleaning process is completed.

#### Characteristics



**High magnetic field strength:** 12000 gauss ensuring reliable retention



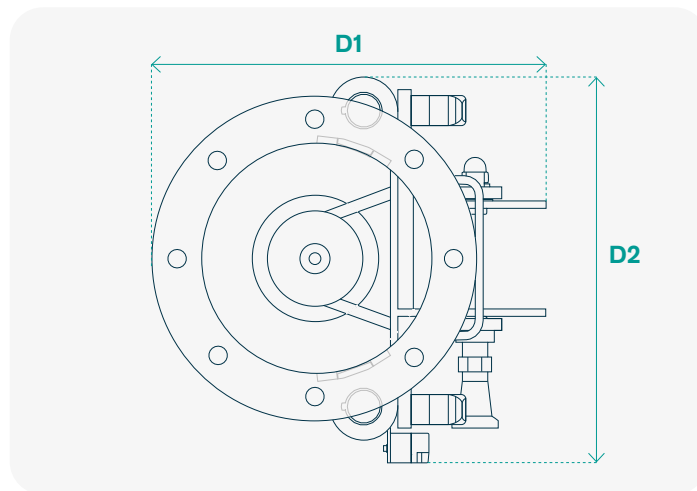
**Durable and efficient:** Eliminates ferrous matter, protects product quality



**Remote Monitoring:** Active monitoring for cleaning of magnet



**Easy maintenance:** Easy access to the magnet, ensuring minimum downtime



## Technical data

Type	I/O Transition piece	A		B		C		D		Weight
		A1	A2	B1	B2	C1	C2	D1	D2	
<b>URAC 150</b>		150	220	-	-	500	-	-	-	26
	DN 80	-	-	80	145	500	726	266	261	32
	DN 100	-	-	100	175	500	672	266	261	32
	DN 120	-	-	120	195	500	618	266	261	32
<b>URAC 200</b>		200	270	-	-	550	-	-	-	35
	DN 120	-	-	120	195	550	804.4	316	284	42
	DN 140	-	-	140	210	550	762	316	284	44
	DN 150	-	-	150	220	550	770	316	284	44
	DN 170	-	-	170	230	550	672	316	284	43

