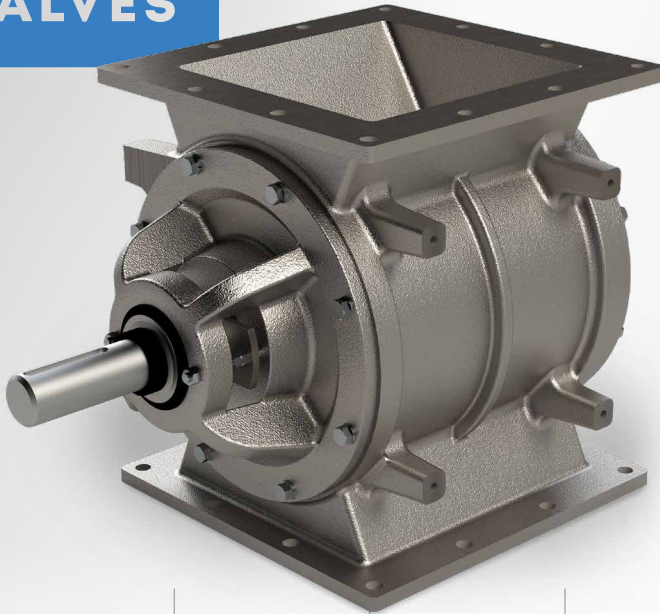


DR-S Series

Rotary Valve for Metering, Feeding and Airlock Applications

The DR-S Series valves are built to application-specific requirements, including: custom rotor configurations, factory-applied internal coatings, and sanitary materials of construction.



SECTOR INDUSTRIES:



Plastics



Pet Food



Construction



Food



Pharmaceutical and Cosmetics



Chemical

FEATURES

- Pre-fit Performance™ housings provide all of the in-use advantages built into every ACS valve, plus the assurance of precise alignment and fast installation when replacing competitive valves.
- Available in 4 heights, from 12"H to 24"H; and 4 flange sizes from 7 5/8"H to 16"H.
- Valve housing cast in North America; ensures superior strength and solidification of housing's metallurgy.
- CNC-machined components and housing provide precision tolerances; eliminates axial shaft movement, extends maintenance cycles.
- Outboard bearing design protects bearings in high-temperature and high-PSIG applications; removes bearings from direct path of damaging contaminants.
- Large shaft diameter eliminates rotor deflection; reduces rotor tip wear and bearing seal leakage.
- Easily manages pressure differentials up to 15 PSIG; super-duty series up to 22 PSIG.
- Excellent performance in high-temperature applications up to 750°F.
- Cast iron housing.
- 8-vane rotor with beveled tips and sides.

SPECIFICATIONS:

INLET/OUTLET
FLANGE SIZES:

4 sizes from 7 5/8"
to 16"

MATERIAL OF
CONSTRUCTION:

Cast Iron,
Stainless Steel

PRESSURE
DIFFERENTIAL:

Up to 22 PSIG

HIGH TEMPERATURE
RANGE:

750°F

DR-S Series

Rotary Valve for Metering,
Feeding and Airlock Applications



OPTIONS

- | | |
|---|--|
| <ul style="list-style-type: none"> • 304 or 316 cast stainless steel valve housing. | <ul style="list-style-type: none"> • Rotor types: closed-end, shallow-pocket, and adjustable-tip. |
| <ul style="list-style-type: none"> • No. 4 finish on internal product contact surfaces of housing, and all rotor surfaces. | <ul style="list-style-type: none"> • Adjustable rotor tip types: EPDM rubber, polyurethane, AR400 steel, and stainless steel. |
| <ul style="list-style-type: none"> • Interior coating: hard chrome tungsten. | <ul style="list-style-type: none"> • Shaft seal types: ACST-4™ glandless Teflon® shaft seal, and packing gland. |

ROTARY VALVE CAPACITY (cubic feet/hour)

VALVE SIZE (INCHES)	8	10	51	82	102	122	143	163	184	204	224
	10	20	102	163	204	245	286	326	367	408	449
	12	37	183	293	366	439	512	586	659	732	805
	16	120	600	960	1200	1440	1680	1920	2160	2400	2640
	1	5	8	10	12	14	16	18	20	22	
	ROTARY SPEED (RPM)										

Capacities shown are based on 100% pocket-fill efficiency. Pocket-fill efficiencies vary by application. To ensure optimal efficiency, contact ACS Valves.