



ENVIRONMENTAL TECHNOLOGY

# CYCL™ Cyclone Separator



## FEATURES

316 S/S STANDARD CONSTRUCTION  
(DUPLEX OPTION AVAILABLE)

LARGE INTERNAL CLEARANCES

WORKS FROM PUMP DISCHARGE

## BENEFITS

- HARD WEARING MATERIALS OF CONSTRUCTION GUARANTEE LONG PRODUCT LIFE IN ABRASIVE INDUSTRIES

- RESTRICTS THE POTENTIAL FOR CLOGGING

- DOES NOT REQUIRE A WATER SOURCE FOR SEAL FLUSH FLUID



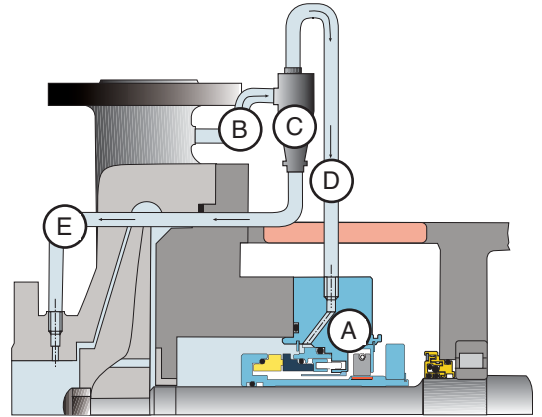


# CYCL™ - Operation

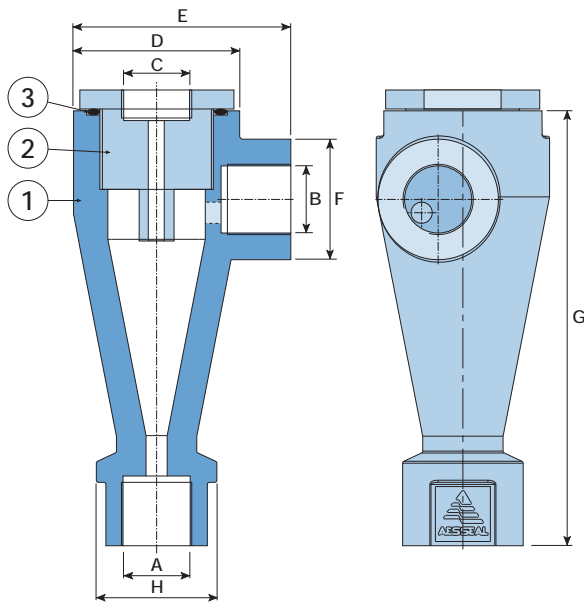
The CYCL™ is designed to separate heavy particles from the product liquid. The clean fluid is ideal for use as flush fluid, improving conditions at seal faces. The separated particles drain back into the sealed product. The benefit is a reliable and low-cost sealing system for heavy product particle applications, which does not require an independent flush supply.

KEY - Piping diagram schematic

ITEM	DESCRIPTION
A	Mechanical Seal
B	Dirty Product Liquid Pressure Feed
C	Cyclone Separator
D	Clean Product Liquid (Mechanical Seal Flush Fluid)
E	Dirty Product Liquid Return to Pump Suction



# CYCL™ - Items and Sizing



CYCL™ - Parts List

ITEM	DESCRIPTION
1	Cyclone Separator Body
2	Hex. Reducing Bush
3	Dowty Washer

CYCL™ - Key interface dimensions, mm (inches)

Style	Ø A, B, C,	ØD	E	F	G	H
316 SS	1/2" NPT	48mm	66mm	35mm	118mm	35mm
Duplex		1.89"	2.60"	1.38"	4.65"	1.38"
316 SS	1" NPT	82mm	106.5mm	57mm	220mm	57mm
Duplex		3.20"	4.09"	2.20"	8.7"	2.20"

THIS DOCUMENT IS DESIGNED TO PROVIDE DIMENSIONAL INFORMATION AND AN INDICATION OF AVAILABILITY. FOR FURTHER INFORMATION AND SAFE OPERATING LIMITS CONTACT OUR TECHNICAL SPECIALISTS AT THE LOCATIONS BELOW.



INVESTOR IN PEOPLE



USE DOUBLE MECHANICAL SEALS WITH HAZARDOUS PRODUCTS. ALWAYS TAKE SAFETY PRECAUTIONS:

- GUARD YOUR EQUIPMENT
- WEAR PROTECTIVE CLOTHING



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