



**ELECTRICALLY OPERATED DOUBLE DIAPHRAGM PUMPS**   
EODD PUMPS

## ABOUT COGNITO EODD PUMP

**Cognito EODD** is a Smart, IoT-enabled Electrically Operated Double Diaphragm pump. It is designed and developed while partnering with our customers, and by leveraging our 30 years of expertise in design & engineering and in-depth application knowledge in fluid technology. The **Cognito EODD** is engineered and designed with a robust mechanism to satisfy every customer's demands for increased production efficiency and lower total cost of ownership while facilitating the smooth handling of variety of fluids and slurries.

### Key Benefits

- ✓ Smoothly Handles Highly Abrasive Fluids, Corrosive Fluids, Shear Sensitive Fluids, & Viscous Fluids
- ✓ Highly Energy Efficient Pump with Significant Reduction in Energy Consumption
- ✓ Robust Mechanism with Hassle-Free Maintenance
- ✓ Low MTTR and High MTBF
- ✓ Remote Performance Monitoring of Pump
- ✓ Patented Diaphragm Designed for Better Performance and Longer Life
- ✓ Reduced Operating Cost with Swift ROI/Payback

## COGNITO EODD SPECIFICATIONS

PERFORMANCE PARAMETERS	3" Cognito EODD	2" Cognito EODD
<b>Max Flow (LPM)</b> <b>Max Pressure (BAR)</b>	700 LPM 6 bar	510 LPM 8 bar
<b>Max Suction Lift</b>	Wet Conditions - 8.5 m+ Dry Conditions - 5.5 m+	Wet Conditions - 8.5 m+ Dry Conditions - 5 m+
<b>Material of Construction</b>	Aluminum/SS/PP*	Aluminum/SS/PP*
<b>Motor &amp; Gear Box</b>	7.5Hp, 10Hp	5Hp, 7Hp
<b>Sound Level</b>	<80 db	<80 db
<b>Diaphragm</b>	Neoprene/Santoprene/PTFE	Neoprene/Santoprene/PTFE



## KEY MARKETS

### Applications

- Slip Recirculation
- Mixing Tank Transfer
- Slip Casting House
- Glazing



### Applications

- Slurry Transfer
- Filter Press Feeding
- Sludge Transfer
- Effluent Transfer
- Loading & Unloading of Equilization Tank

### Applications

- Raw Material Transfer
- Emulsion Transfer
- Solvent Transfer

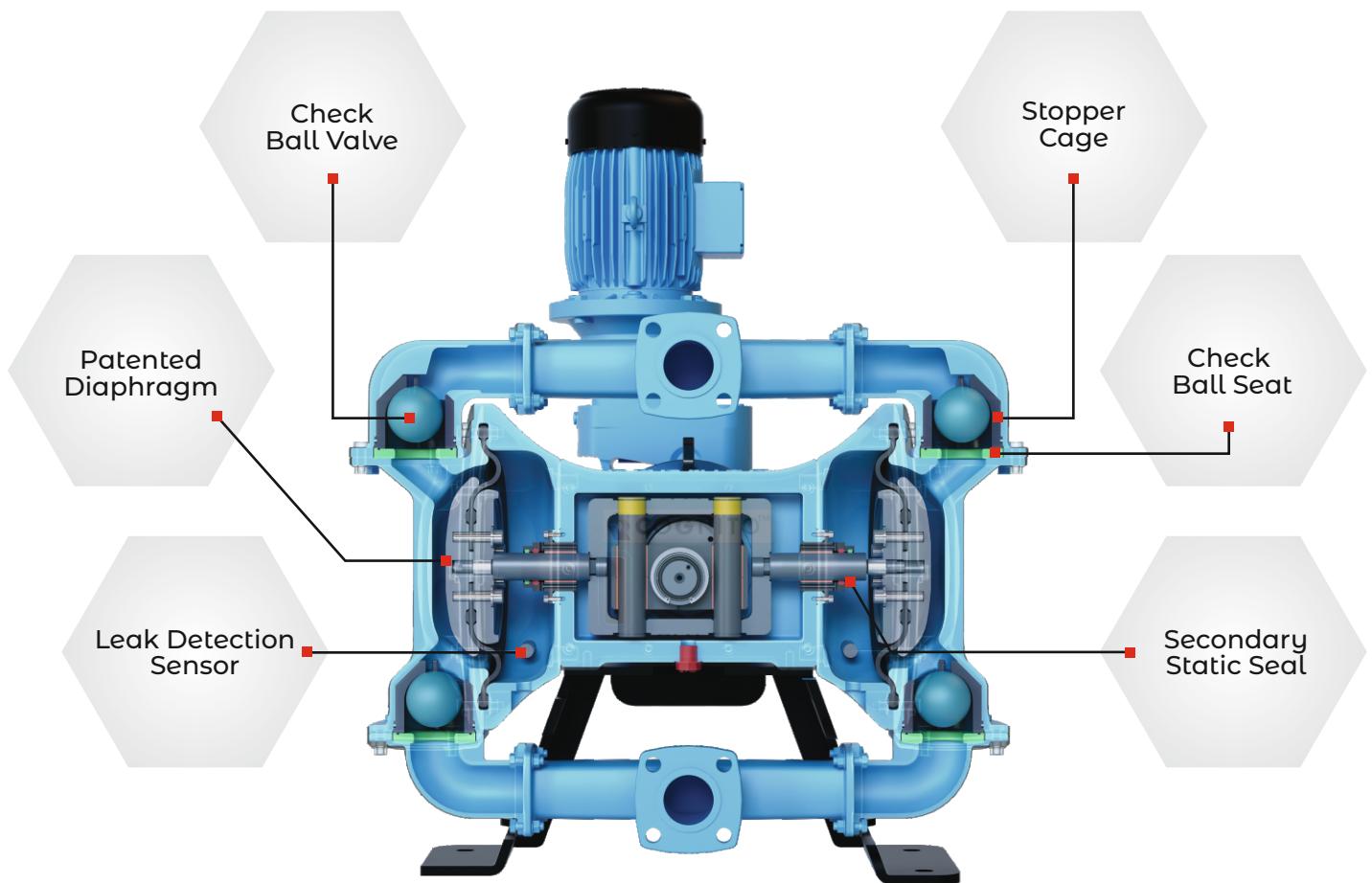


## PRODUCT OVERVIEW



## DESIGN FEATURES

-  Bigger Diameter with Shorter Stroke length – Long life of the **diaphragm**
-  Designed seat and **stopper cage** arrangement – Longer life of manifolds and seats.
-  Secondary **Static Seals** – No direct contact with process fluids
-  Equipped with **Leak Detectors**



## COGNITOsmartINSIGHTS

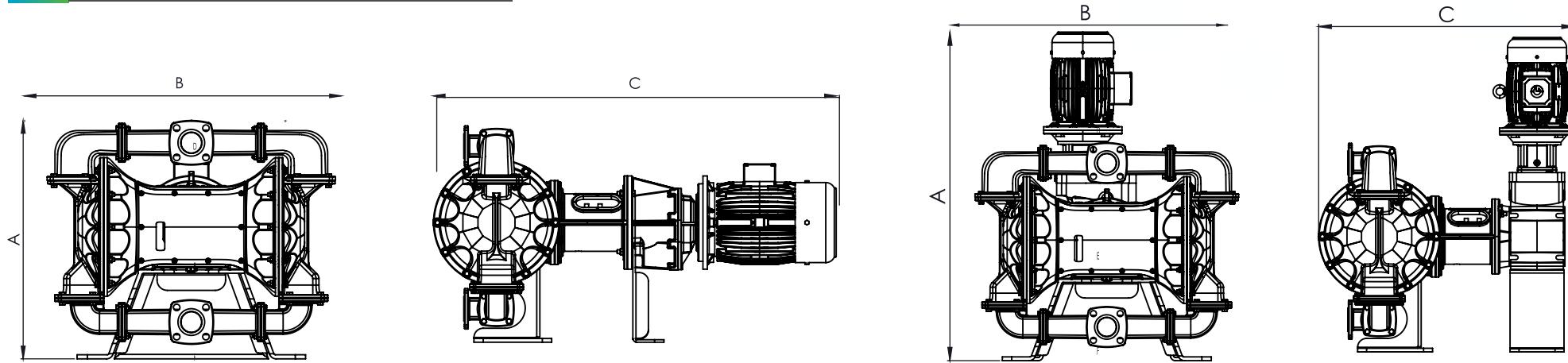
**COGNITOsmartINSIGHTS**, a web-based portal, can be accessed from anywhere and provides real-time updates for all your installed COGNITO pumps helping you remotely monitor critical applications.



**COGNITOsmartINSIGHTS** helps you to connect, monitor and analyse your equipment remotely and enables you to make better and faster decision to optimize your equipment performance and improve overall process efficiency.

Its advanced smart technology creates an instant alert for any abnormality to enhance process and operator safety.

## DIMENSIONAL DRAWINGS



### INLINE PUMP

COGNITO EODD	MODEL	3"	2"
<b>ALUMINIUM</b>			
Height (mm)	A	830	700
Width (mm)	B	1010	840
Length (mm)	C	1520	1295
Approx. Weight (Kg)	W	430	320
<b>STAINLESS STEEL</b>			
Height (mm)	A	830	700
Width (mm)	B	1010	840
Length (mm)	C	1520	1295
Approx. Weight (Kg)	W	510	380

### VERTICAL PUMP

COGNITO EODD	MODEL	3"	2"
<b>ALUMINIUM</b>			
Height (mm)	A	1250	1050
Width (mm)	B	1000	840
Length (mm)	C	1120	825
Approx. Weight (Kg)	W	400	290
<b>STAINLESS STEEL</b>			
Height (mm)	A	1200	1050
Width (mm)	B	1010	840
Length (mm)	C	1015	825
Approx. Weight (Kg)	W	480	350

Distributed by:

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#### IDEX INDIA OVERVIEW

IDEX India is a 100% subsidiary of IDEX Corporation, a global manufacturer of industrial products & technologies and committed to making trusted solutions that improve lives. We have 30 years of experience in design and development of process equipment like pumps, valves, flowmeters, compressors, pharmaceutical machines & equipment. Serving our customers is at the heart of what we do and is our number one priority. Our organization always keeps customers in the nucleus of our innovations and their continued motivation allows us to challenge the status quo.

