





DEWATERING SUBMERSIBLE PUMP EJ SERIES

If there is liquid There is "Viraj"



"VIRAJ" Dewatering Submersible Pump EJ Series

"VIRAJ" Make Portable Dewatering Submersible Pump Design in single stage centrifugal closed coupled vertical (mono-block type) construction. This series are available with variable design of impeller as per customer's application. And motor design in pressure resistance design with internal sealed, double mechanical shaft seal, as well as separate sealing Chamber. The Sealing Chamber is filled with oil. Motor sealing at the shaft double wear resistance mechanical shaft seal independent of direction on rotation entirely made of Tungsten or Silicon Carbide as close unit, Both seal cooled and lubricated by oil. The motor is equipped with two maintenance free ball bearing. The upper and lower bearing are filled with high quality grase. The motor is suitable for continuous operation (S-1) under full load in immerged and completely emerged condition. This series design with jacketed type with top discharge and bottom suction.

		1.0 HP	1.5 HP	2.0 HP	3.0 HP
HP/Kw Range	0.75/0.55	1.0/0.75	1.5/1.1	2.0/1.5	3.0/2.2
Max, Flow Range in M ³ /Hr.	30	35	45	50	84
Max. Shut off Head - Mtr.	12.5	14	15.5	20	22
Discharge Size in mm	50	50	50/65/75	50/65/75	50/65/75
Solid Handing Size max.	8-10 MM	10 MM	10 MM	10 MM	10 MM
Type of Impeller	FREE FLOW	FREE-FLOW	FREE-FLOW	FREE-FLOW	FREE-FLOW
Max. Temp. of Pumped Fluid	104°F/40° C	104°F/40° C	104°F/40° C	104°F/40° C	104°F/40° C
Max. Start/ Stop per Hour	15	15	15	15	15
Max. Submergence Pump Weight with C.I.	10 m	10 m	10 m	10 m	10 m
Pump Weight with C.I. Construction Approx. Kgs.	25	27	27	30	35
Motor/ Squirrel cage Motor					
Type of Motor- Dry type	"F"Class Higher Grad	"F"Class Higher Grad	"F" Class Higher Grad	"F" Class Higher Grad	"F" Class Higher Gra
Type of Rotor	Aluminum Die cast	Aluminum Die cast	Aluminum Die cast	Aluminum Die cast	Aluminum Die cas
RPM	2850	2850	2850	2850	2850
Bearing	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular	Ball/Angular
Duty	S-1	S-1	S-1	S-1	S-1
1	1/2 Dh E0 II-	1/3 Ph- 50 Hz	1/3 Ph- 50 Hz	1/3 Ph- 50 Hz	3 Ph- 50 Hz
Power Supply - $230V/415V \pm 6$	Yes	Yes	Yes	Yes	Yes
Thermal Protection *	10 mt	10 mt	10 mt	10 mt	10 mt
Cable Longth					10 111
		Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Yes	Yes
fandem Shaft Seal	Yes Detional Item) ONSTURCTION	Yes	Yes	Yes ACCESSORIES	Yes
CONTROLS REQUIRED (D	Yes Iptional Item)	$\wedge \rightarrow$	Yes* Shipyards & Ship		
andem Shaft Seal CONTROLS REQUIRED (C MATERIALS OF C Top Cover, Base, Brg. Hsg.	Yes DPTIONAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum	APPLICATION)	ACCESSORIES	
Candem Shaft Seal CONTROLS REQUIRED (MATERIALS OF C Fop Cover, Base, Brg, Hsg.	Yes DPTIONAL ITEM) ONSTURCTION Cast Iron /Stainless	APPLICATION * Construction Site	* Shipyards & Ship	ACCESSORIES * Control Panel , Float sw	vitch
Fandem Shaft Seal	Yes DIFTIEINAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless	APPLICATION * Construction Site * Trenches * Mines raw water	* Shipyards & Ship * Public Utility Works * Fire Fighting	ACCESSORIES * Control Panel , Float sw * Hose pipe	vitch es also available
Fandem Shaft Seal CONTROLS REQUIRED (D MATERIALS OF C Fop Cover, Base, Brg. Hsg. Stator / Outer Jacket mpeller	Yes DITIONAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless Steel/CF8M	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture	ACCESSORIES * Control Panel , Float sw * Hose pipe * Addinational accessorie OPTIONAL DESIG	vitch es also available
andem Shaft Seal CONTROLS REQUIRED (D MATERIALS OF Co Sop Cover, Base, Brg. Hsg. Stator / Outer Jacket mpeller Shaft	Yes DITIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless Steel/CF8M S.S 400 Series	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water	ACCESSORIES * Control Panel , Float sw * Hose pipe * Addinational accessorie OPTIONAL DESIG * Impeller Trim	vitch es also available GN FETURES
MATERIALS OF C Fop Cover, Base, Brg, Hsg, Stator / Outer Jacket Impeller Shaft Hard Ware	Yes DITIONAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless Steel/CF8M	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant	ACCESSORIES * Control Panel , Float sw * Hose pipe * Addinational accessorie OPTIONAL DESIG * Impeller Trim * Additional Cable length	vitch 25 also available GN FETURES
Fandem Shaft Seal CONTROLS REQUIRED (D MATERIALS OF C Fop Cover, Base, Brg. Hsg. Stator / Outer Jacket Shaft Hard Ware Wech. Seal	Yes DITIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless Steel/CFBM S.S 400 Series Stainless Steel	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar * Rain Water	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant * Tank Cleaning	ACCESSORIES * Control Panel , Float sw * Hose pipe * Addinational accessorie OPTIONAL DESI * Impeller Trim * Additional Cable length * Change in Material of c	vitch es also available GN FETURES onstruction
andem Shaft Seal CONTROLS REQUIRED (D MATERIALS OF Co Sop Cover, Base, Brg. Hsg. Stator / Outer Jacket mpeller Shaft Hard Ware Mech. Seal Face Upper	Yes DITIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACRET - S.S. Cast Iron /Stainless Steel/CF8M S.S 400 Series Stainless Steel Tungsten Carbide/ Tungsten Carbide/	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant * Tank Cleaning * Hotel, Hospital & Airport	ACCESSORIES * Control Panel , Float sw * Hose pipe * Addinational accessorie OPTIONAL DESIG * Impeller Trim * Additional Cable length * Change in Material of c * Optional Hydrolic Desi	vitch es also available GN FETURES onstruction
Fandem Shaft Seal CONTROLS REQUIRED (D MATERIALS OF Co Fop Cover, Base, Brg. Hsg. Stator / Outer Jacket mpeller Shaft Hard Ware Mech. Seal Face Upper	Yes DITIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACRET - S.S. Cast Iron /Stainless Steel/CF8M S.S 400 Series Stainless Steel Tungsten Carbide/	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar * Rain Water	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant * Tank Cleaning	ACCESSORIES * Control Panel , Float sw * Hose pipe * Addinational accessorie OPTIONAL DESIG * Impeller Trim * Additional Cable length * Change in Material of c * Optional Hydrolic Desi	vitch es also available GN FETURES onstruction
Fandem Shaft Seal CONTROLS REQUIRED (MATERIALS OF CO Fop Cover, Base, Brg. Hsg. Stator / Outer Jacket Impeller Shaft	Yes DITIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACRET - S.S. Cast Iron /Stainless Steel/CF8M S.S 400 Series Stainless Steel Tungsten Carbide/ Tungsten Carbide/	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar * Rain Water	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant * Tank Cleaning * Hotel, Hospital & Airport Designation of	ACCESSORIES * Control Panel , Float sw * Hose pipe * Addinational accessorie OPTIONAL DESIG * Impeller Trim * Additional Cable length * Change in Material of c * Optional Hydrolic Desi	vitch es also available GN FETURES onstruction
Fandem Shaft Seal CONTROLS REQUIRED (CONTROL	Yes DITIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless Steel/CF8M S.S 400 Series Stainless Steel Tungsten Carbide/ Tungsten Carbide/ Tungsten Carbide Carbon / Stainless Steel Nitrile Elstomers	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar * Rain Water * Open sumps/ Ponds DISCHAR	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant * Tank Cleaning * Hotel, Hospital & Airport Designation of GE CONNECTION	ACCESSORIES * Control Panel , Float sw Hose pipe Addinational accessorie OPTIONAL DESIG Impeller Trim Additional Cable length Change in Material of c Optional Hydrolic Desi Product	vitch es also available GN FETURES n onstruction ign
Fandem Shaft Seal CONTROLS REQUIRED (D MATERIALS OF C Fop Cover, Base, Brg. Hsg. Stator / Outer Jacket Shaft Hard Ware Wech. Seal Face Upper Face Lower	Yes DPTIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless Steel/CF8M S.S 400 Series Stainless Steel Tungsten Carbide/ Tungsten Carbide/ Carbon / Stainless Steel	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar * Rain Water * Open sumps/ Ponds DISCHAR Multiply figure B	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant * Tank Cleaning * Hotel, Hospital & Airport Designation of GE CONNECTION y 10(6 st0 = 60 (65 mm /2.5"))	ACCESSORIES * Control Panel , Float sw Hose pipe Addinational accessorie OPTIONAL DESIG Impeller Trim Additional Cable length Change in Material of c Optional Hydrolic Desi Product	vitch es also available GN FETURES n onstruction ign
Candem Shaft Seal CONTROLS REQUIRED (C MATERIALS OF C C Fop Cover, Base, Brg, Hsg, Stator / Outer Jacket Shaft Hard Ware Vech. Seal Face Upper Face Lower Rubber Part	Yes DITIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless Steel/CF8M S.S 400 Series Stainless Steel Tungsten Carbide/ Tungsten Carbide/ Tungsten Carbide Carbon / Stainless Steel Nitrile Elstomers	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar * Rain Water * Open sumps/ Ponds DISCHAR Multiply figure B	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant * Tank Cleaning * Hotel, Hospital & Airport Designation of GE CONNECTION By 10(6 xt0 = 60 (65 mm /2.5")) DE (D= DEWATERING)	ACCESSORIES * Control Panel , Float sw Hose pipe Addinational accessorie OPTIONAL DESIG Impeller Trim Additional Cable length Change in Material of c Optional Hydrolic Desi Product	vitch es also available GN FETURES n onstruction ign
Fandem Shaft Seal CONTROLS REQUIRED (D MATERIALS OF C Fop Cover, Base, Brg. Hsg. Stator / Outer Jacket Shaft Hard Ware Wech. Seal Face Upper Face Lower Rubber Part Spring	Yes DITIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless Steel/CF8M S.S 400 Series Stainless Steel Tungsten Carbide/ Tungsten Carbide/ Tungsten Carbide Carbon / Stainless Steel Nitrile Elstomers	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar * Rain Water * Open sumps/ Ponds DISCHAR Multiply figure B PRODUCT COI	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant * Tank Cleaning * Hotel, Hospital & Airport Designation of GE CONNECTION by 10(6 xt0 = 60 (65 mm /2.5")) DE (D= DEWATERING) RPM	ACCESSORIES * Control Panel , Float sw Hose pipe Addinational accessorie OPTIONAL DESIG Impeller Trim Additional Cable length Change in Material of c Optional Hydrolic Desi Product	vitch es also available GN FETURES n onstruction ign
Fandem Shaft Seal CONTROLS REQUIRED (MATERIALS OF C) Top Cover, Base, Brg, Hsg, Stator / Outer Jacket Stator / Outer Jacket Shaft Hard Ware Wech. Seal Face Upper Face Lower Rubber Part	Yes DITIDNAL ITEM) ONSTURCTION Cast Iron /Stainless Steel/Aluminum STAOR - C.I. / OURTER JACKET - S.S. Cast Iron /Stainless Steel/CF8M S.S 400 Series Stainless Steel Tungsten Carbide/ Tungsten Carbide/ Tungsten Carbide/ Stainless Steel Nitrile Elstomers Stainless Steel	APPLICATION * Construction Site * Trenches * Mines raw water * Power Station * Tunnels * Flooded Cellar * Rain Water * Open sumps/ Ponds DISCHAR Multiply figure B PRODUCT COI (1=	* Shipyards & Ship * Public Utility Works * Fire Fighting * Aquaculture * Chemical/ Process Water * Steel Plant * Tank Cleaning * Hotel, Hospital & Airport Designation of GE CONNECTION By 10(6 xt0 = 60 (65 mm /2.5")) DE (D= DEWATERING)	ACCESSORIES * Control Panel , Float sw Hose pipe Addinational accessorie OPTIONAL DESIG Impeller Trim Additional Cable length Change in Material of c Optional Hydrolic Desi Product	vitch es also available GN FETURES n onstruction ign

Phone : (079) 22974375 :Fax :(079) 22891663,E-mail:virajpump_girish@dataone.in &viraj_pump@rediffmail.com