

## Fluidomat Achievement on Fan Application

With its proven track record Fluidomat has bagged new important Orders for High Power Range of Scoop Control Variable Speed Fluid Couplings type Fluidomat - SC for Industrial Fan Application .

Client	Application	Model	KW	RPM	Quantity
BHEL,RANIPETH	ID FAN	SC-16	2250	740	4
BHEL,RANIPETH	ID FAN	CB/SC-14	800	980	8
BHEL,RANIPETH	ID FAN	CB/SC-14	825	740	4
CETHAR LTD.	ID FAN	SC-12	225	980	2
CETHAR LTD.	S.A.FAN	SC-10	325	1480	2
CETHAR LTD.	P.A.FAN	SC-12	750	1480	2
CETHAR LTD.	I.D.FAN	SC-13	575	980	2
TLT ENGG.LTD.	F.D.FAN IN PETROCHEMICAL INDUSTRY	SC-11A	110	980	2

Fluidomat Variable Speed Scoop Control Fluid Couplings - Fluidomat SC have proven track record of successful and trouble free performance on Industrial Fan Application since more than past 15 years on several couplings supplied by Fluidomat which have met with requirements of **Speed Regulation and Energy Saving and Drive Solutions**.

Fluidomat **Indigenous Technology** has proven to be user and maintenance friendly and has features of simpler designs, easy to operate and highly reliable.

Some of the advantages of **Fluidomat SC Couplings** are:

- Separately motor driven oil pump thus making the coupling construction and design simpler. Separately motor driven oil pump lubricates the coupling bearings simply by operating the pump for few minutes during long standstill and before starting main drive of Fan.
- Separately motor driven oil pump is externally mounted thus easy to operate, monitor and maintain as compared to shaft driven pump mounted installed inside the fluid coupling housing which will require opening of coupling assembly for oil pump trouble shooting and maintenance.

**Ask for comparative between motor driven and shaft driven oil pump.**

- Oil filter in working oil main line instead of only in lube line ensures supply of clean oil to working circuit of fluid coupling and lube line.
- Unique bearing arrangement in which the rotating assembly is located on output shaft in which bearing seats are ground concentric during manufacturing. Thus even after opening and reassembly of coupling the concentricity is automatically ensured without need of special tools and high skills and can be done by engineers and technicians at site.

Several Fan manufacturers in India have appreciated Fluidomat indigenous design and have approved our Scoop Control Couplings for Industrial Fan Application.