

Magnetic Coupling

for Laboratory Stirrers

Nandodyne Magnetic Couplings are designed to suit all kinds of laboratory stirring applications where maintaining full vacuum or inside pressure in the glass flask is absolutely necessary. These couplings are specially designed for laboratory glass flasks. One end of the coupling snugly fits on the nozzle of a glass flask while the other end can be coupled to the stirrer motor. A glass shaft with a PTFE impeller can be fitted on the bottomside. These magnetic couplings can fit various glass nozzle types such as B-34, B-29, B-24, etc. These couplings can easily handle torques of various DC Motors to stir the mass up to 200 Litre capacity.



BENEFITS & FEATURES

- *Absolute sealing: No air can enter the flask and no vapour can leak outside the flask.*
- *No oxidation of material: Due to absolute sealing air ingress is prevented, saving the material from getting oxidized.*
- *Stable vacuum level: Since there is no leakage of vapour outside of the flask, the vacuum level does not drop. This makes the environment safe from toxic vapours.*
- *Very high rate of distillation: Preservation of high vacuum leads to faster distillation*
- *No charring/polymerization of material: Faster distillation ensures minimum exposure of the material to higher temperatures. This prevents unwanted polymerization, charring/dischouring of the material.*
- *No power Loss: Efficient magnetic torque transmission ensures no power loss through gland packing/ PTFE bush.*



Get in Touch



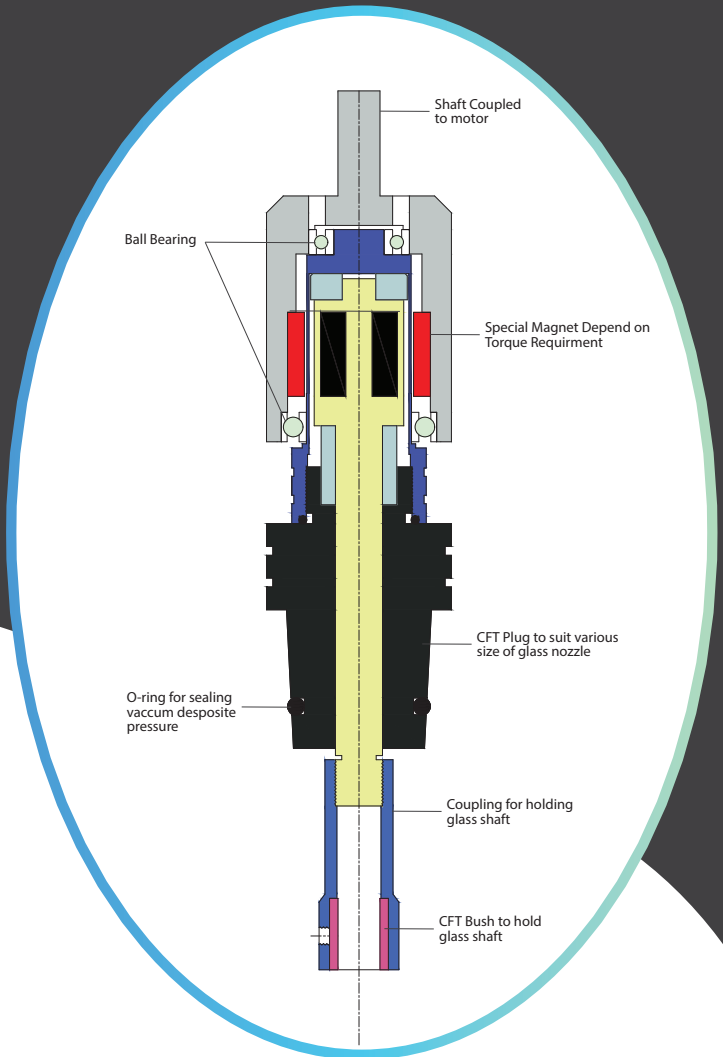
+91 9821006372; 9821006375



info@nandodyne.com; www.nandodyne.com



108, Ram Ashirwad Ind. Est, No. 2, Ram Mandir Road,
Goregoan West, Mumbai - 400062



Why Mag Lab Coupling?

- Solves your leakage problems of toxic, corrosive gases from the flask.
- Fastens the distillation process
- Prevents charring and polymerizing of material.
- Easier vacuum distillation

TECHNICAL SPECIFICATION

Model Number		ND-SS	ND-MS	ND-LS										
Suitable for flask volume	Minimum	100ml	3 Litres	10 Litres										
	Maximum	3 Litres	10 Litres	50 Litres										
Temperature		Up to 300 °C												
Design pressure		Suitable for full vacuum and ultra high vacuum												
Torque (N-m)		0.2	0.4	0.8										
MOC of Coupling	Standard	SS 316												
	Optional	Hastelloy C-276												
Adopter Nozzle Size		B-24	B-29	B-34	B-24	B-29	B-34	B-45	B-34	B-45	B-55	Flange 4"	Flange 6"	
Coupling Bore Diameter (mm)		6,8,10			8,10,12,16				8,10,12,16					



For over years, Nandodyne has specialized in technologies for better result.