



CENTRIFUGAL PUMPS SDM Series



Pumps of SDM series are single stage centrifugal magnetic drive pumps. Simple and compact are robustly built to handle acids, solvents, alkalis, flammable and other aggressive chemicals. Ideally suited for light duty and safe operation ensuring low maintenance cost and long life operation. Powerful magnet couplings Samarium Cobalt ensure secure functioning also with high specific gravity liquids. Quite and efficient, for their versatility and economy, in a vast range of pumping duties, SDM pumps are the appropriate choice for all industries where leak proof applications are required.

All pumps are manufactured in accordance with the current CE-Standard **** Explosion proof models according to ATEX directive, category II are also available. ****

FEATURES

- Single stage centrifugal pumps
- Performances and Dimensions: our standard PN 16
- Models: 2x8 up to 4x14
- Threaded nozzles, option Flanged

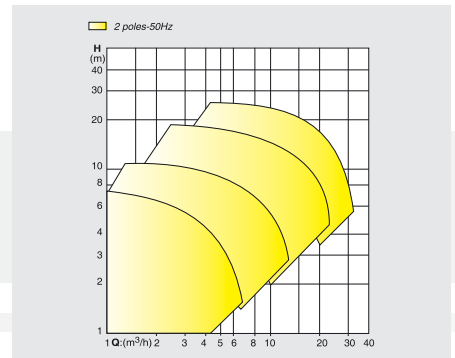
MATERIALS

- Stainless Steel AISI 316L with cast components CF8M

APPLICATIONS

- Chemical plants (light duty)
- Pharmaceutical
- Food processing
- Laboratories
- Transfer of solvents and alkalies
- Refrigerants

Discharge nozzles	3/4" up to 1 1/2"
Poles	2
Capacity [m ³ /h]	up to 30
Head [m]	up to 30
Max. Pressure [Bar]	16
Max. Temper. [°C]	200



ref	DESCRIPTION	MATERIAL
2	Pump Head	AISI 316L
3	O-Ring 4425	Viton
4	Casing Thr. Bushing	PTFEC or GRAPHITE AISI 316L
5	Shaft	AISI 316L
6	Ring	AISI 316L
7	Impeller	AISI 316L
8	Int. Magnet	AISI 316L/CoSm
9	Sleeve Bearings	PTFEC or GRAPHITE
10	Rear Casing	AISI 316L
11	Ext. Magnet	NeodymJSteel
13	Bracket	Cast Iron

SECTIONAL DRAWING

