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## IMD-FT

LINED-IN MAGNETIC DRIVEN PUMP



## • Working Conditions

Pump Diameter:32mm-300mm Working Temperature:-20 -180

Flow Capacity Range:3m<sup>3</sup>/h-800m<sup>3</sup>/h

Pump Head Range:15m-125m

Materials Range:Lined-in FEP(F46),PFA.

Designed Standard:HG/T2730.SH/T3148.API685

## • Application Fields

Biological medicine, petrochemical, mining, metallurgy, textile printing and dyeing, electricity, food, papermaking, electroplating, sewage treatment, flue gas treatment, new energy, new materials, and other industries.

## • Pump Usage

Applicable to transport inflammable and explosive volatile,poisonous and harmful,valuable and highly corrosive cleaning medium;Such as any concentration of acid and alkali,salt, solvent,strong oxidizer,ete.

## • Designed Instruction

IMD-FT Lined-in Magnetic Driven Pump is IMD Lined-in Fluorine Plastic magnetic pump products,is based on the companys long-term technical accumulation and the reference to the advanced foreign technology and design research and development of highly efficient energy-saving magnetic pump.Pump of te appearance and installation dimensions are according to ISO international standards for design and production,all specifications for motor straight association-like, supported by middle bracket,small volume,convenient disassembly;Outside of sleeve using fluorine plastic with whole mould,add the strengthening of non-metallic composite material molding,to enhance the presure resistance of spacer,andeliminate magnetic edy curent loss.Pump performance characteristis fo smalf fow high hm,conveying densitygrater han 1.9/m3 strong corrosive medium.This series ofexellet performance an highrti of magnetic pump has become a substitute imported the first selection of magnetic pump.

### Performance Parameter Table

(Equipped with a secondary motor, n=2900r/min; design pressure: 1.6Mpa)

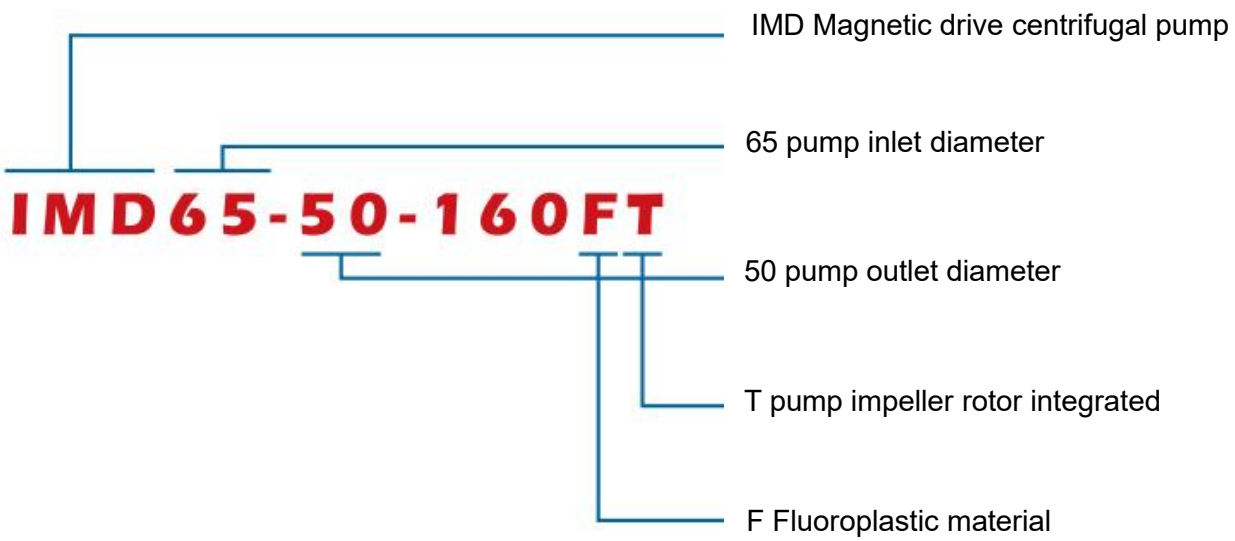
Model No	Fow Capacity (m3/h)	Pump Head(m)	Efficiency(%)	Motor power	NPSH.	Diameter(mm)		Rotating speed
						Inlet	Outlet	
IMD32-25-160FT	3.2	32	23	2.2	2.5	32	25	2900
IMD40-25-160FT	6.3	32	30	3	2.7	40	25	
IMD40-25-200FT	6.3	50	18	7.5	2.7	40	25	
IMD40-25-250FT	6.3	80	18	11	3	40	25	
IMD50-32-125FT	12.5	20	41	2.2	3	50	32	
IMD50-32-160FT	12.5	32	42	4	3	50	32	
IMD50-32-200FT	12.5	50	43	7.5	3	50	32	
IMD50-32-250FT	12.5	80	31	15	3	50	32	
IMD65-50-125FT	25	20	52	4	3.5	65	50	
IMD65-50-160FT	25	32	55	7.5	3.5	65	50	
IMD65-40-200FT	25	50	45	11	3.5	65	40	
IMD65-40-250FT	25	80	32	22	3.8	65	40	
IMD80-65-125FT	50	20	55	7.5	4	80	65	
IMD80-65-160FT	50	32	65	11	4	80	65	
IMD80-50-200FT	50	50	55	18.5	4	80	50	
IMD80-50-250FT	50	80	57	30	4.5	80	50	
IMD100-80-125FT	100	20	68	11	4.5	100	80	
IMD100-80-160FT	100	32	58	18.5	4.5	100	80	
IMD100-65-200FT	100	50	63	30	4.5	100	65	
IMD100-65-250FT	100	80	52	55	4.5	100	65	
IMD125-100-160FT	160	32	58	30	5	125	100	
IMD125-100-200FT	160	50	65	45	5.5	125	100	

### Performance Parameter Table

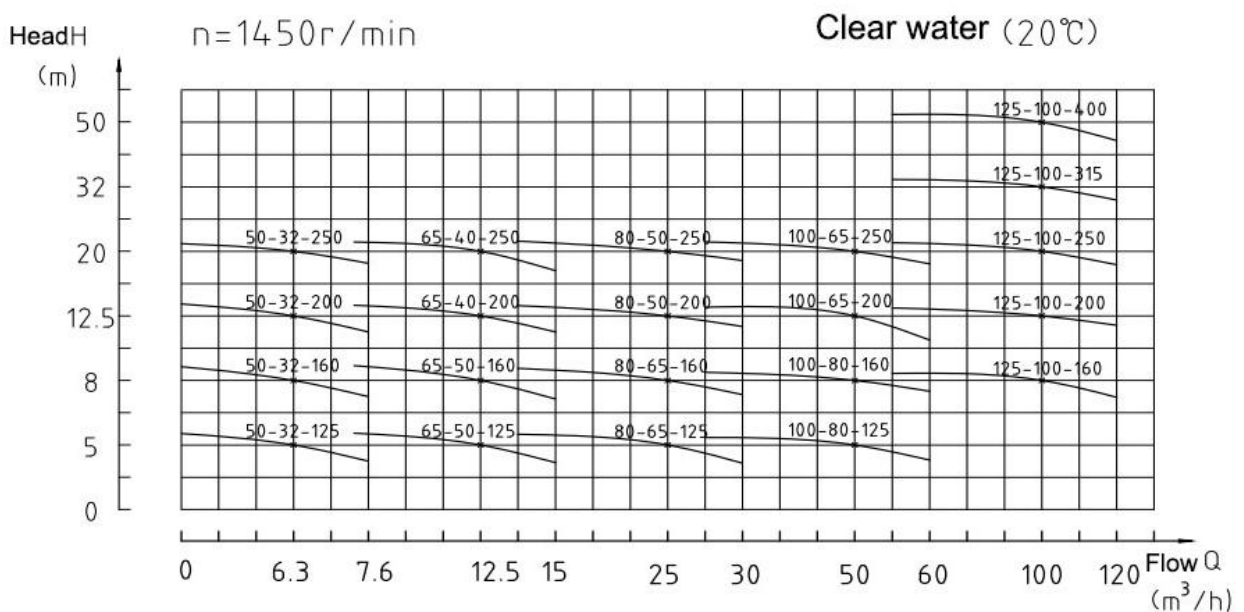
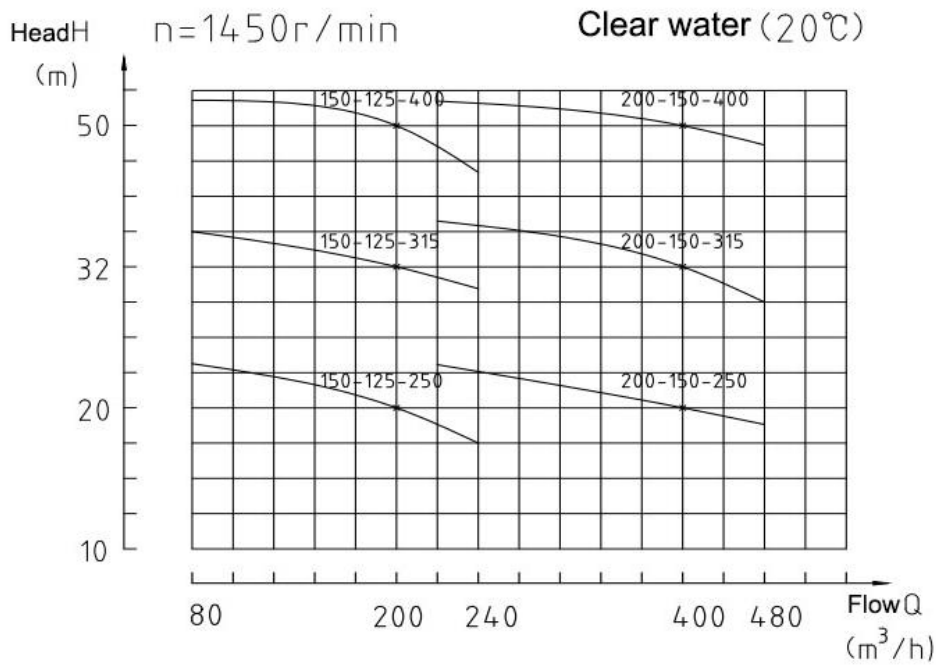
(Equipped with a four-pole motor, speed n=1450 r/min; Design pressure: 1.6 Mpa)

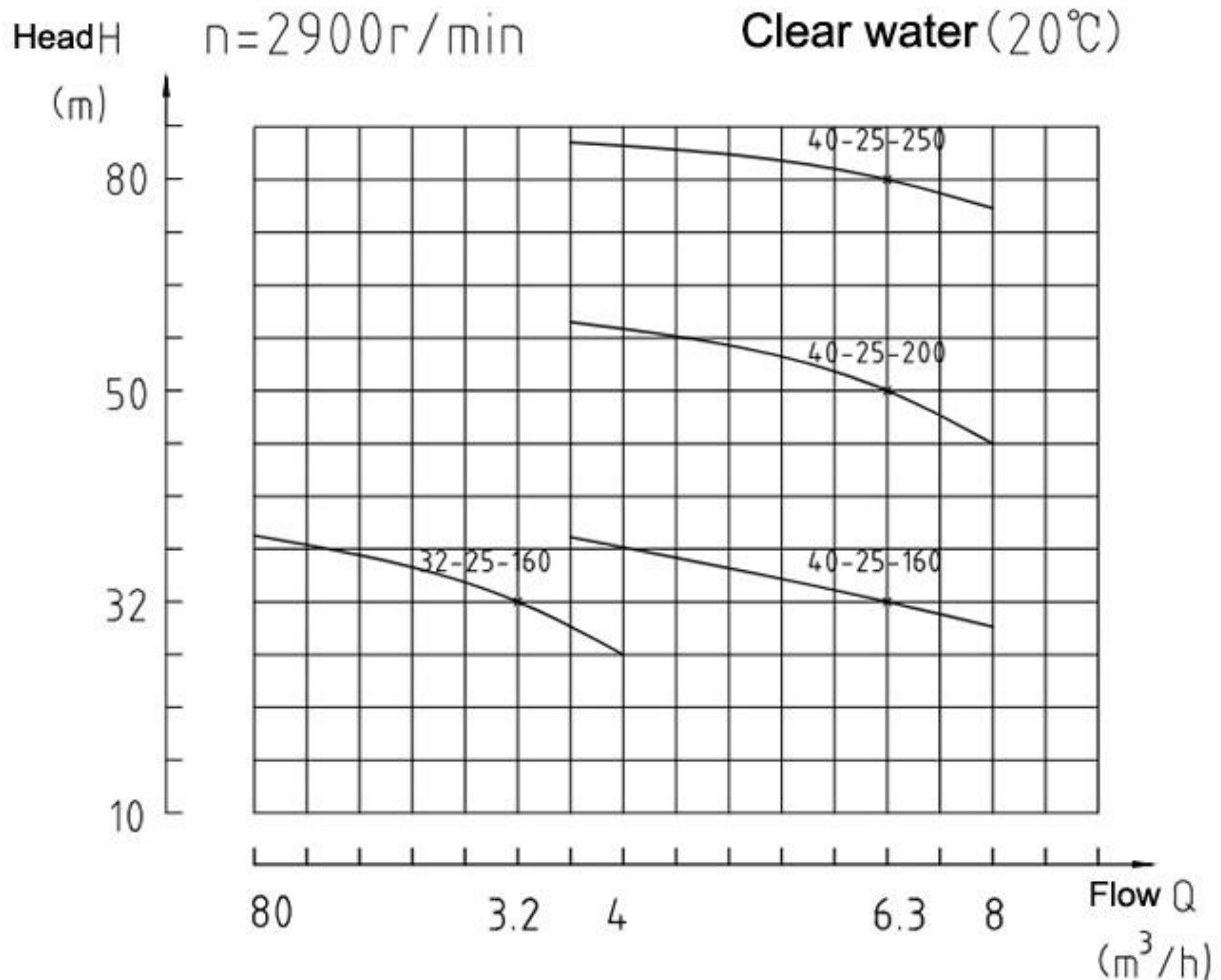
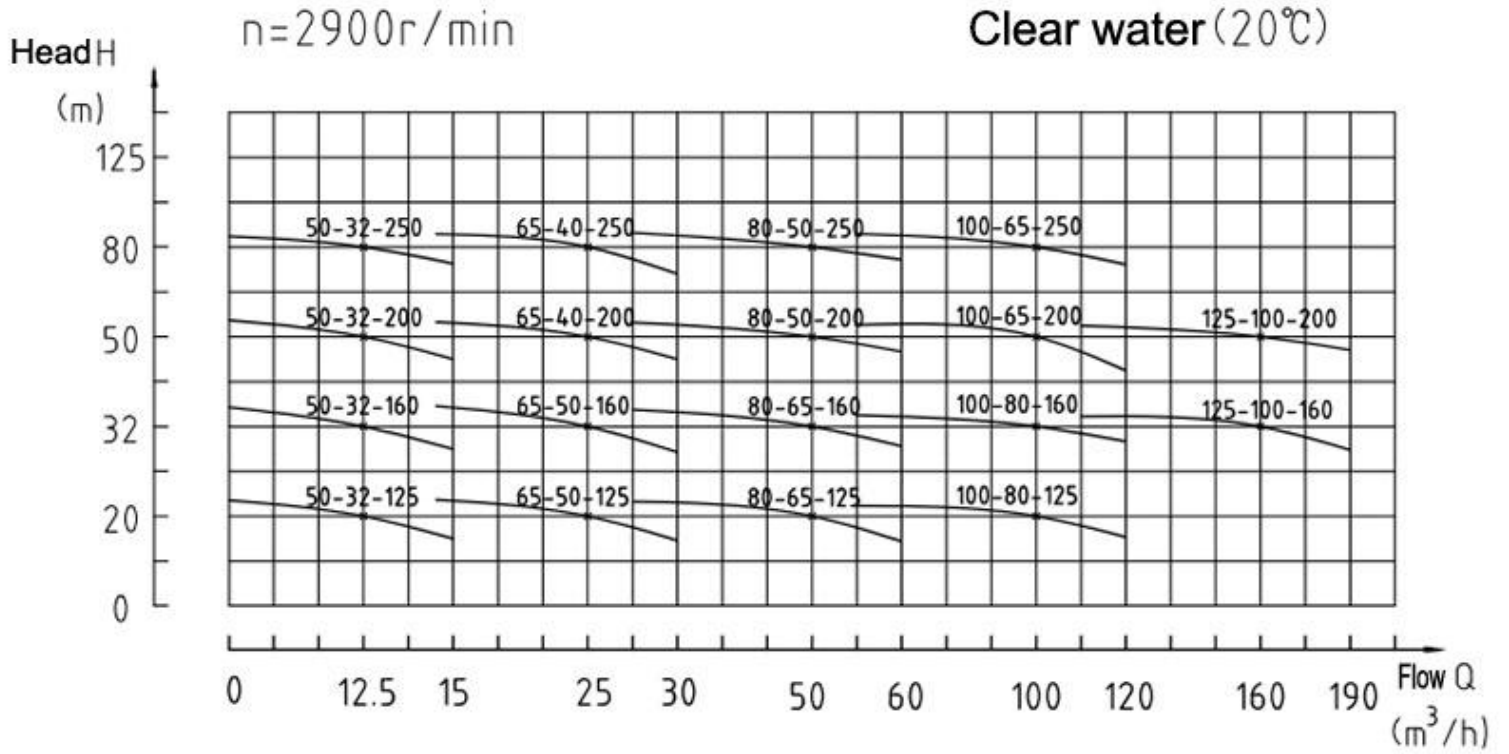
Model No	Fow Capacity (m3/h)	Pump Head(m)	Efficiency(%)	Motor power	NPSH.	Diameter(mm)		Rotating speed
						Inlet	Outlet	
IMD50-32-125FT	6.3	5	38	0.55	2	50	32	1450
IMD50-32-160FT	6.3	8	39	0.55	2	50	32	
IMD50-32-200FT	6.3	12.5	40	1.1	2	50	32	
IMD50-32-250FT	6.3	20	27	1.5	2	50	32	
IMD65-50-125FT	12.5	5	48	0.55	2	65	50	
IMD65-50-160FT	12.5	8	51	1.1	2	65	50	
IMD65-40-200FT	12.5	12.5	42	1.5	2	65	40	
IMD65-40-250FT	12.5	20	29	3	2	65	40	
IMD80-65-125FT	25	5	52	1.1	2.5	80	65	
IMD80-65-160FT	25	8	63	1.5	2.5	80	65	
IMD80-50-200FT	25	12.5	51	2.2	2.5	80	50	
IMD80-50-250FT	25	20	53	5.5	2.5	80	50	
IMD100-80-125FT	50	5	65	1.5	2.5	100	80	
IMD100-80-160FT	50	8	55	2.2	2.5	100	80	
IMD100-65-200FT	50	12.5	59	5.5	2.5	100	65	
IMD100-65-250FT	50	20	49	7.5	2.5	100	65	
IMD125-100-160FT	100	8	55	5.5	3	125	100	
IMD125-100-200FT	100	12.5	62	11	3	125	100	
IMD125-100-315FT	100	32	53	22	3	125	100	
IMD125-100-400FT	100	50	59	30	3	125	100	
IMD150-125-250FT	200	20	43	30	3.2	150	125	
IMD150-125-315FT	200	32	58	37	3.2	150	125	
IMD150-125-400FT	200	50	60	55	4	150	125	
IMD200-150-250FT	400	20	60	45	4	200	150	
IMD200-150-315FT	400	32	68	75	4	200	150	
IMD200-150-400FT	400	50	63	110	5	200	150	

## Model significance



## Performance Curve





## Three dimensional figure and material structure

