



AGD-75

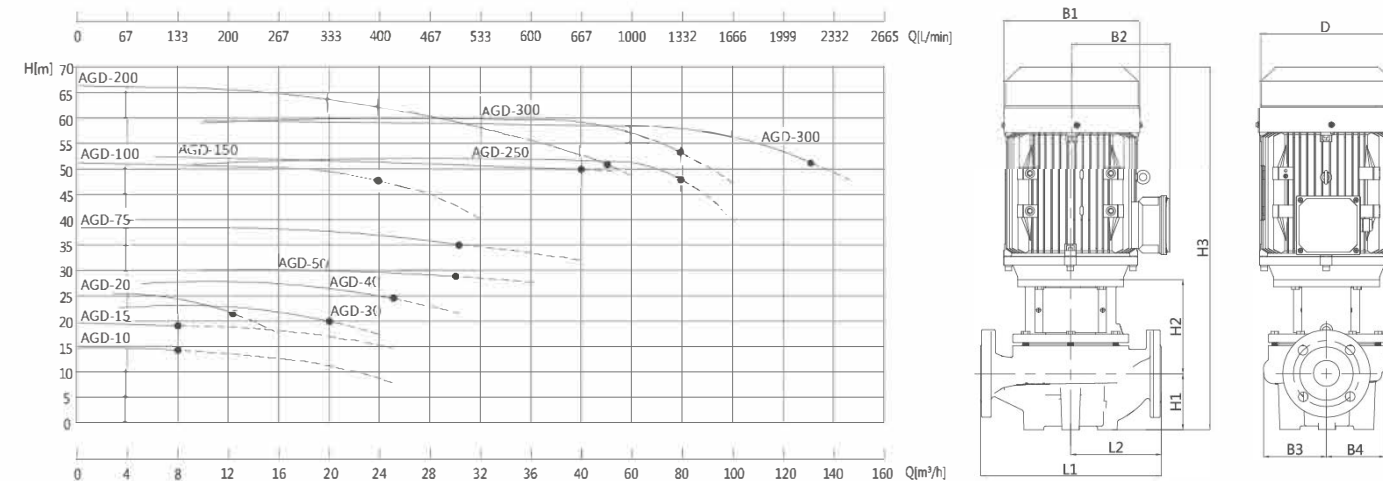
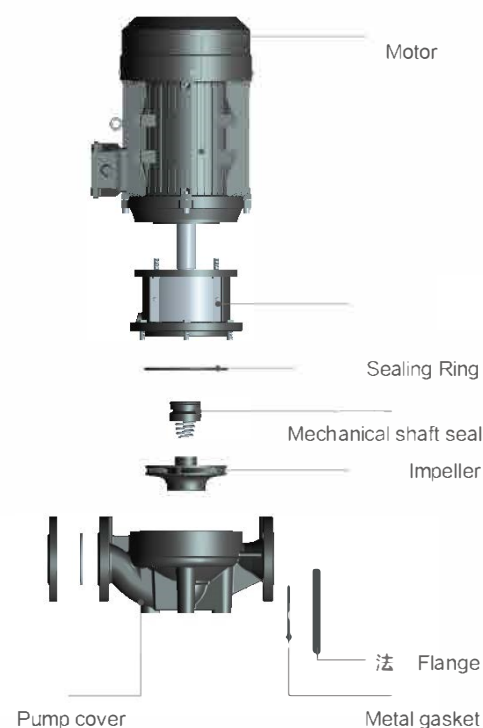
AGD

HIGH-LOW TEMPERATURE
VERTICAL
PIPELINE PUMP

AGD series high-low temperature vertical pipeline circulating pump is a single-stage single-suction centrifugal pump, designed with a direct-connected design structure, a hydraulic model with excellent performance, and precision casting of over-current components, with low friction loss and high pump efficiency. This series of pumps has the advantages of high efficiency and energy saving, low noise, low vibration, high-low temperature resistance, and reliable performance and reliability, stable performance, save installation space and long life, etc., MDZ pumps are widely used in middle high-end fields

Application Area: Temperature control equipment, heating system, HVAC, air conditioning system, industrial liquid conveying, water supply system, controlling, High end cleaning equipment, High end printing and dyeing equipment, TCU, High temperature condensate recycle.

Circulation Medium: This pump is suitable for conveying thin, clean, non-erosive, non-flammable and explosive liquids that do not contain solid particles, fibers or physical and chemical properties similar to water.



Working Condition					
Thermal Conductivity Water	Thermal Conductivity Oil	Ethylene glycol	Working Temperature	Maximum Elevation	Maximum Working Pressure
+5°C~+160°C	+5°C~+200°C	-30°C~+180°C	-5°C~+40°C	1000m	10bar

Technical Parameter										
Model	Diameter		Motor				Performance Parameter		Pump Weight (kg)	
	Inlet	Outlet	Power (kW)	(Hp)	Voltage (V)	Frequency (Hz)	Speed (r/min)	Rated Head (m)		Rated Capacity (m³/h)
AGD-10	DN32	DN32	0.75	1	3ø-380	50	2900	14	8	33
AGD-15	DN32	DN32	1.1	1.5	3ø-380	50	2900	18	8	34
AGD-20	DN32	DN32	1.5	2	3ø-380	50	2900	21	12.5	38
AGD-30	DN40	DN40	2.2	3	3ø-380	50	2900	20	20	42
AGD-40	DN50	DN50	3	4	3ø-380	50	2900	24	25	55
AGD-50	DN40	DN40	4	5	3ø-380	50	2900	30	28	65
AGD-75	DN50	DN50	5.5	7.5	3ø-380	50	2900	35	30	81
AGD-100	DN40	DN40	7.5	10	3ø-380	50	2900	48	25	95
AGD-150	DN50	DN50	11	15	3ø-380	50	2900	50	40	185
AGD-200	DN65	DN65	15	20	3ø-380	50	2900	51	50	195
AGD-250	DN80	DN80	18.5	25	3ø-380	50	2900	47	80	203
AGD-300	DN80	DN80	22	30	3ø-380	50	2900	54	80	256
AGD-400	DN100	DN100	30	40	3ø-380	50	2900	52	130	336

The above characteristic testing is based on the water transferring with the normal speed under 20 degrees, character's error is about 10%. The pump characters change according to the difference of the liquid mediums' proportion and density.

Installation Size										
Model	L1	L2	H1	H2	H3	B1	B2	D	B3	B4
AGD-10	320	160	90	135	455	150	115	150	100	100
AGD-15	320	160	90	135	455	150	115	150	100	100
AGD-20	320	160	90	137	492	171	137	173	100	100
AGD-30	320	160	85	145	516	171	137	140	105	95
AGD-40	340	170	105	147	590	196	150	160	115	100
AGD-50	340	170	105	152	600	215	170	160	118	110
AGD-75	340	170	105	177	686	257	187	253	118	110
AGD-100	380	190	90	181	675	257	187	253	133	128
AGD-150	400	200	105	225	830	315	260	350	171	163
AGD-200	440	220	115	225	830	325	388	350	171	163
AGD-250	450	225	115	240	900	315	260	350	160	138
AGD-300	450	225	115	240	932	355	273	350	160	138
AGD-400	550	275	140	257	1050	397	315	400	180	152