

# AY SERIES CENTRIFUGAL OIL PUMP

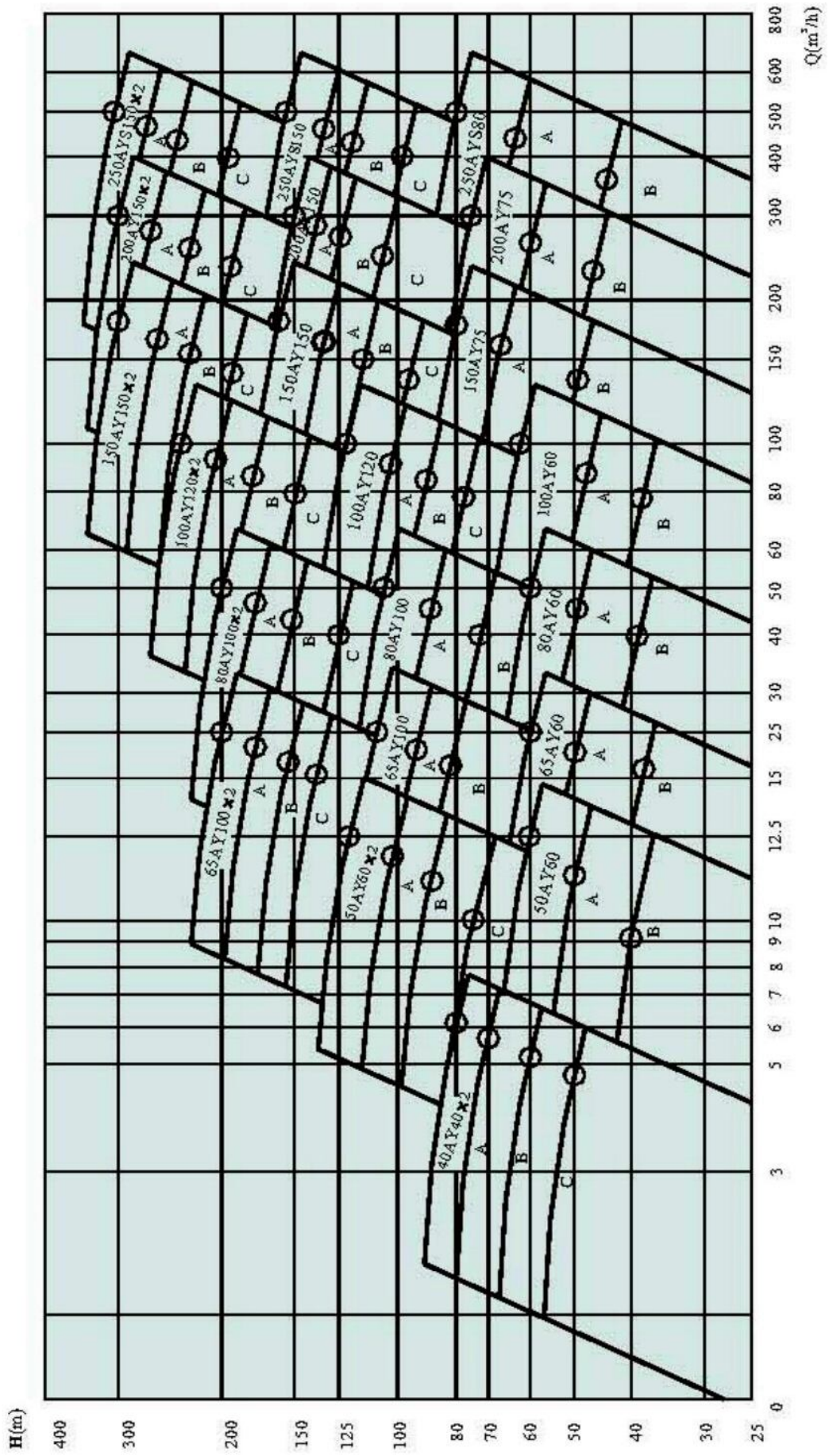


**Capacity:  $Q = 2.5 \sim 600 \text{ m}^3/\text{hr}$**   
**Head:  $H = 30 \sim 330\text{m}$**   
**Medium Temperature:  $t = -45^\circ \text{C} \sim +420^\circ \text{C}$**



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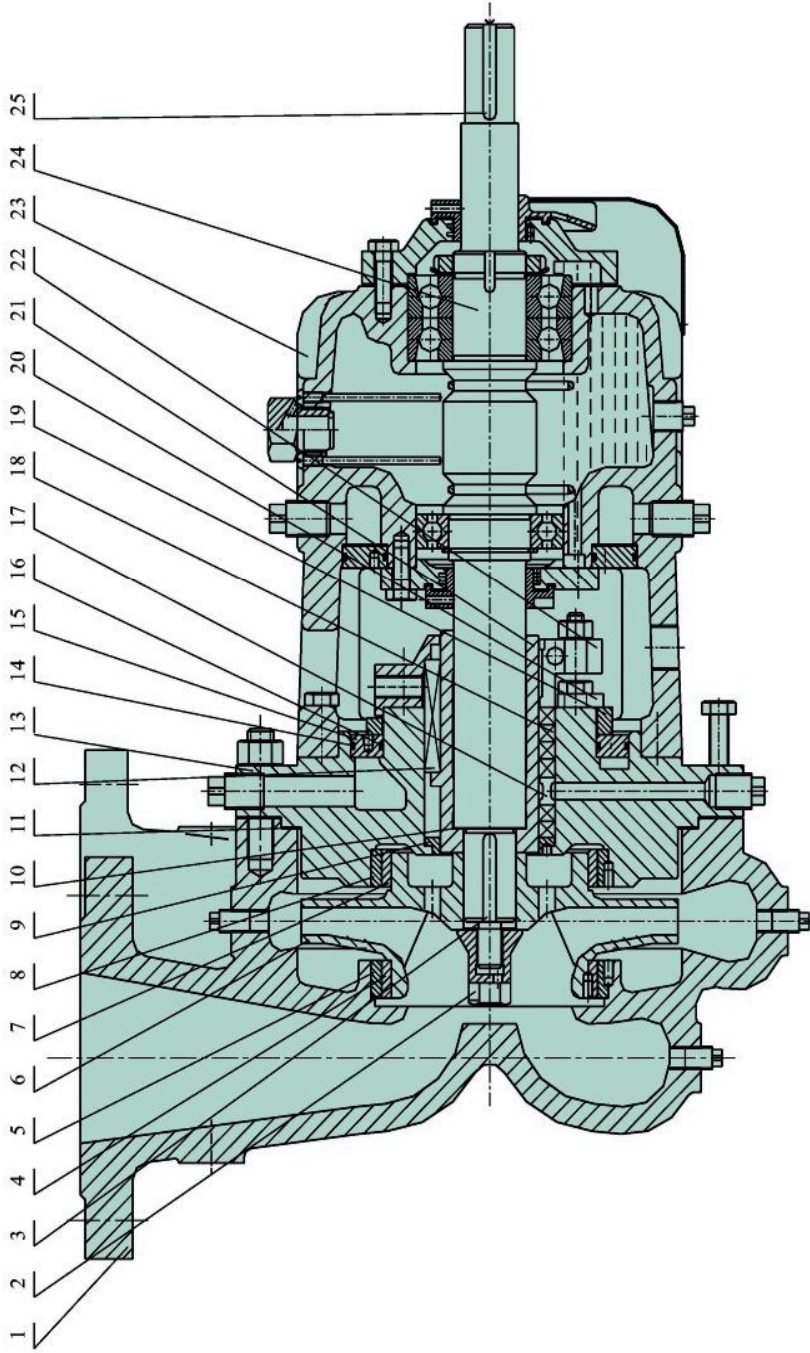
# Model Chart of AY Single and Dual Stage Centrifugal Oil Pump





# General Data

Structural Drawing of Single Stage Single Suction Underslung Centrifugal Oil Pump



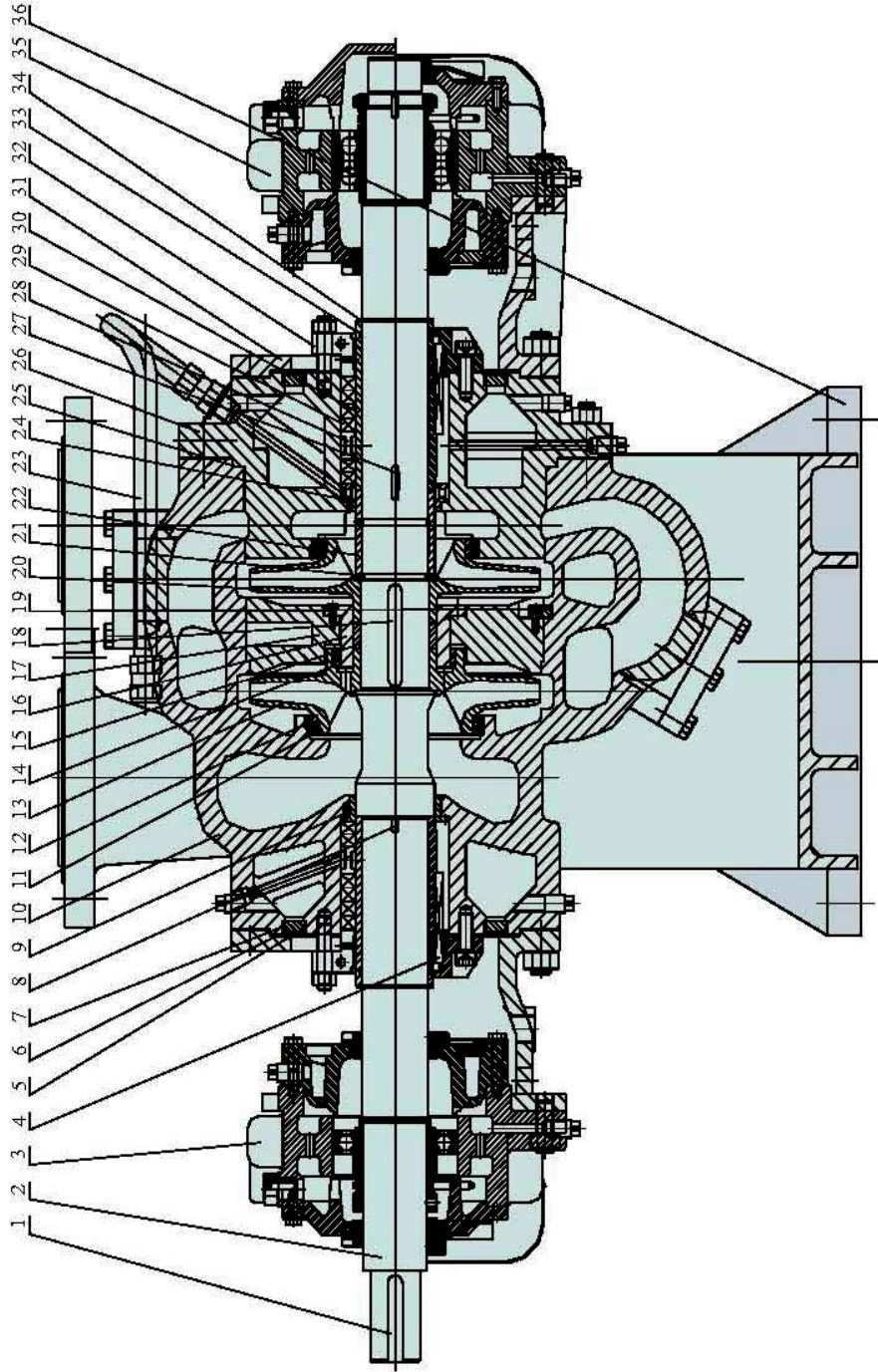
Model: 50AY60 65AY60 65AY100  
 80AY60 80AY100 100AY60  
 100AY120 150AY75 150AY150  
 200AY75 200AY150

1	Pump casing	6	Impeller	11	Pump cover's pad	16	O-ring	21	Packing muff
2	Impeller nut	7	Seal ring of impeller	12	Mechanical seal part	17	Packing ring	22	Packing gland
3	Impeller key	8	Seal ring of casing	13	Pump cover	18	Packing	23	Hanging stand of bearing
4	Seal ring of impeller	9	Throat bush	14	O-ring	19	Fixing ring of cavity cover	24	Shaft
5	Seal ring of casing	10	Muff pad	15	Water cooling cavity cover	20	Locking loop of fixing ring	25	Clutch key



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# Structural Drawing of Dual Stage Single Suction Both Ends Supported Centrifugal Oil Pump



150AY150X2, 200AY150X2

1	Clutch key	7	O-ring	13	First-stage impeller	19	Fixing block	25	Pump cover's pad	31	Bracket
2	Shaft	8	Key	14	Seal ring of impeller	20	Second impeller	26	Pump cover	32	Packing gland
3	Part B of rolling bearing	9	First-stage throat bush	15	Muff between stages	21	Half-and-half clip ring	27	Key	33	O-ring
4	Mechanical seal part	10	Pump casing	16	Bush between stages	22	Impeller baffle	28	Packing ring	34	Baffle
5	O-ring	11	Seal ring of impeller	17	Spacer plate between stages	23	Balancing pipe part	29	Packing	35	Part A of rolling bearing
6	Water cooling cavity cover	12	Seal ring of casing	18	Impeller key	24	Second-stage throat bush	30	Packing muff	36	Pump stand