

Introduction

The type TD pumps are single stage in-line centrifugal pumps, equipped with standard motor and mechanical seal. Comparing with other pumps in similar structure, these pumps are less accessible to the impurity in the liquid.

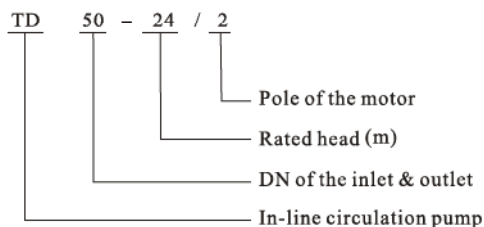
Curves

Following is some explanation for the curve:

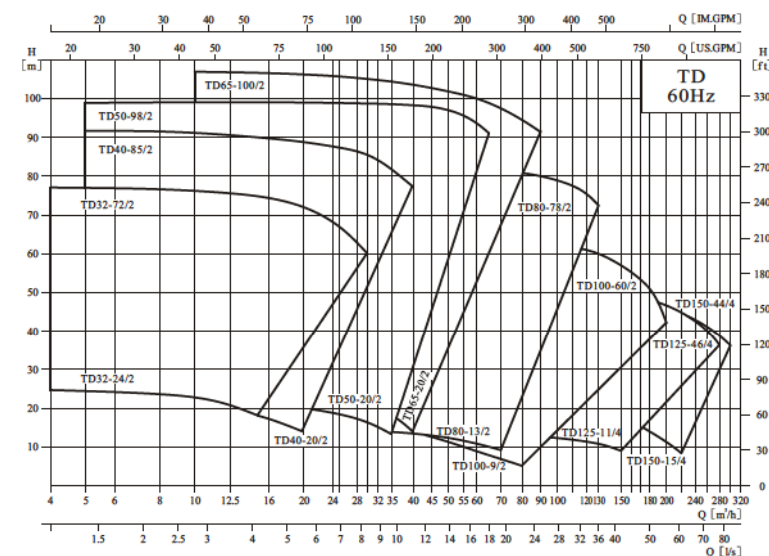
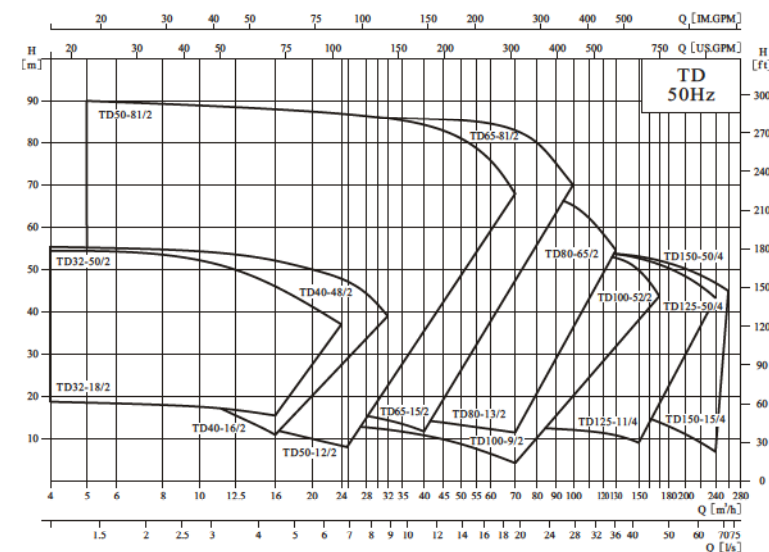
- 1、Curve tolerance is in conformity with ISO9906 Annex A;
- 2、All curves are based on the measured value of motor 3×380V, 50Hz: under the constant speed of 2900rpm, 1450rpm or 1480rpm; 60Hz: under the constant speed of 3500rpm or 1750rpm;
- 3、The test medium is clear 20°C water without any solid impurity and air.
- 4、Pumps should not work if the flow is beyond the minimum or the maximum flow in the curves.
- 5、The motor performance shall be adjusted if the viscosity or density of medium is different from water.

Definition of Model

TD50-24/2



Performance scope



● Product range

table 1

50Hz

NO.	Model	Q (m³/h)	H (m)	n (r/min)	Standard voltage (V)	
					1×220V	3×380V
					P ₂ (kW)	P ₂ (kW)
1	TD32-18/2	8	18	2900	1.1	1.1
2	TD32-21/2	12.5	21		1.5	1.5
3	TD32-25/2	12.5	25		2.2	2.2
4	TD32-32/2	12.5	32			3
5	TD32-38/2	12.5	38			4
6	TD32-50/2	12.5	50			5.5
7	TD40-16/2	12.5	16		1.1	1.1
8	TD40-20/2	12.5	20		1.5	1.5
9	TD40-18/2	20	18		2.2	2.2
10	TD40-25/2	20	25			3
11	TD40-30/2	25	30			4
12	TD40-36/2	25	36			5.5
13	TD40-48/2	25	48			7.5
14	TD50-12/2	16	12		1.1	1.1
15	TD50-15/2	20	15		1.5	1.5
16	TD50-18/2	25	18		2.2	2.2
17	TD50-24/2	25	24			3
18	TD50-28/2	30	28			4
19	TD50-35/2	30	35			5.5
20	TD50-40/2	35	40			7.5
21	TD50-50/2	40	50			11
22	TD50-60/2	50	60			15
23	TD50-70/2	50	70			18.5
24	TD50-81/2	50	81			22
25	TD65-15/2	30	15		2.2	2.2
26	TD65-18/2	35	18			3
27	TD65-22/2	40	22			4
28	TD65-30/2	40	30			5.5
29	TD65-34/2	50	34			7.5
30	TD65-40/2	55	40			11
31	TD65-50/2	50	50			15
32	TD65-60/2	60	60			18.5
33	TD65-66/2	60	66			22
34	TD65-81/2	70	81			30

● Product range

table 1 (continued)

50Hz

NO.	Model	Q (m³/h)	H (m)	n (r/min)	Standard voltage (V)	
					1×220V	3×380V
					P ₂ (kW)	P ₂ (kW)
35	TD80-13/2	50	13	2900		3
36	TD80-18/2	50	18			4
37	TD80-20/2	60	20			5.5
38	TD80-26/2	60	26			7.5
39	TD80-30/2	80	30			11
40	TD80-38/2	80	38			15
41	TD80-47/2	80	47			18.5
42	TD80-50/2	100	50			22
43	TD80-65/2	100	65			30
44	TD100-9/2	50	9			2.2
45	TD100-15/2	60	15			4
46	TD100-17/2	80	17			5.5
47	TD100-22/2	80	22			7.5
48	TD100-25/2	100	25			11
49	TD100-32/2	100	32			15
50	TD100-34/2	120	34			18.5
51	TD100-38/2	120	38			22
52	TD100-52/2	130	52			30
53	TD125-11/4	120	11	1450		5.5
54	TD125-14/4	120	14			7.5
55	TD125-20/4	120	20	1480		11
56	TD125-24/4	120	24			15
57	TD125-28/4	140	28			18.5
58	TD125-32/4	150	32			22
59	TD125-38/4	150	38			30
60	TD125-42/4	180	42			37
61	TD125-50/4	180	50			45
62	TD150-15/4	160	15			11
63	TD150-18/4	180	18			15
64	TD150-20/4	200	20			18.5
65	TD150-25/4	200	25			22
66	TD150-33/4	200	33			30
67	TD150-40/4	200	40			37
68	TD150-50/4	200	50			45

● Product range

table 2

60Hz

NO.	Model	Q (m³/h)	H (m)	n (r/min)	Standard voltage (V)	
					1×220V	3×380V
					P ₂ (kW)	P ₂ (kW)
1	TD32-24/2	7	24	3500	1.5	1.5
2	TD32-27/2	10	27		2.2	2.2
3	TD32-30/2	15	30			3
4	TD32-38/2	15	38			4
5	TD32-46/2	15	46			5.5
6	TD32-57/2	20	57			7.5
7	TD32-72/2	20	72			11
8	TD40-20/2	12	20		1.5	1.5
9	TD40-24/2	15	24		2.2	2.2
10	TD40-28/2	15	28			3
11	TD40-32/2	20	32			4
12	TD40-35/2	25	35			5.5
13	TD40-42/2	25	42			7.5
14	TD40-65/2	25	65			11
15	TD40-76/2	25	76			15
16	TD40-85/2	30	85			18.5
17	TD50-20/2	20	20		2.2	2.2
18	TD50-27/2	20	27			3
19	TD50-34/2	20	34			4
20	TD50-40/2	20	40			5.5
21	TD50-42/2	30	42			7.5
22	TD50-51/2	35	51			11
23	TD50-62/2	45	62			15
24	TD50-72/2	45	72			18.5
25	TD50-84/2	45	84			22
26	TD50-98/2	50	98			30
27	TD65-20/2	30	20			3
28	TD65-25/2	30	25			4
29	TD65-32/2	30	32			5.5
30	TD65-38/2	35	38			7.5
31	TD65-46/2	35	46			11
32	TD65-55/2	35	55			15
33	TD65-60/2	50	60			18.5
34	TD65-73/2	50	73			22
35	TD65-85/2	60	85			30
36	TD65-100/2	60	100			37

● Product range

table 2 (continued)

60Hz

NO.	Model	Q (m³/h)	H (m)	n (r/min)	Standard voltage (V)	
					1×220V	3×380V
					P ₂ (kW)	P ₂ (kW)
37	TD80-12/2	50	12	3500		3
38	TD80-17/2	50	17			4
39	TD80-20/2	60	20			5.5
40	TD80-26/2	60	26			7.5
41	TD80-30/2	80	30			11
42	TD80-38/2	80	38			15
43	TD80-47/2	80	47			18.5
44	TD80-50/2	100	50			22
45	TD80-65/2	100	65			30
46	TD80-78/2	100	78			37
47	TD100-11/2	50	11			3
48	TD100-15/2	60	15			4
49	TD100-17/2	80	17			5.5
50	TD100-22/2	80	22			7.5
51	TD100-25/2	100	25			11
52	TD100-32/2	100	32			15
53	TD100-34/2	120	34			18.5
54	TD100-38/2	120	38			22
55	TD100-52/2	130	52			30
56	TD100-60/2	130	60			37
57	TD125-11/4	120	11	1750		5.5
58	TD125-14/4	120	14			7.5
59	TD125-20/4	120	20			11
60	TD125-24/4	120	24			15
61	TD125-28/4	140	28			18.5
62	TD125-32/4	150	32			22
63	TD125-38/4	150	38			30
64	TD125-40/4	180	40			37
65	TD125-46/4	180	46			45
66	TD150-15/4	160	15			11
67	TD150-18/4	180	18			15
68	TD150-20/4	200	20			18.5
69	TD150-24/4	200	24			22
70	TD150-32/4	200	32			30
71	TD150-36/4	200	36			37
72	TD150-44/4	200	44			45