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Centrifugal Pump TDCS6X6



CENTRIFUGAL PUMP TDCS6X6

Centrifugal Pump Performance Test As Per I.S. 6595 (part 1) : 2002

Model		TDCS 6		Original Pump					Impeller DIA			200.0		
Suction		150	mm	9 Vance Im- peller					SR. No.			156.5		
Delivery		150	mm						Date			1/4/2014		
Speed		1500	rpm						Capacity Measured By 90 “V” Notch					
R.P.M.	G. Suc	G. Del	G. Dist	V. Head	T. Head	“V” Notch	Dis.	M. IP	P. IP	P. OP	C. Dis	C. Head	CP.	EFF.
1502	4.06	1.50	0.60	0.00	6.16	295	64.8	8.4	7.1	3.9	64.7	6.1	7.1	54.9
1504	5.81	1.40	0.60	0.00	7.81	286	60.0	8.3	7.0	4.6	59.8	7.8	7.0	65.5
1505	6.00	2.10	0.60	0.00	8.70	282	57.7	8.2	6.9	4.9	57.5	8.6	6.8	71.4
1499	5.97	2.70	0.60	0.00	9.27	277	55.4	8.0	6.7	5.0	55.4	9.3	6.7	75.2
1502	6.10	3.70	0.60	0.00	10.40	271	52.5	7.8	6.6	5.3	52.4	10.4	6.6	81.3
1503	5.91	4.10	0.60	0.00	10.61	268	51.0	7.7	6.4	5.3	50.9	10.6	6.4	82.6
1504	6.00	5.40	0.60	0.00	12.00	248	42.1	7.1	5.9	4.9	42.0	11.9	5.9	83.6
1506	5.76	6.60	0.60	0.00	12.96	216	29.9	6.6	5.4	3.9	29.8	12.9	5.4	69.9
1512	1.53	10.70	0.60	0.00	12.83	0	0	4.2	3.1	0.0	0.0	12.6	3.1	0.0
			0.60	0.00	0.60					-	-	-	-	-
			0.60	0.00	0.60				4.5	-	-	-	-	-
			0.60	0.00	0.60					-	-	-	-	-
			0.60	0.00	0.60					-	-	-	-	-
Pump Certified As Per I.S. 6595 (part 1) : 2002														
Duty Point		Head (m)		Discharge (i.p.s)			Efficiency (%)			C.P. (kw)		Head Range (m)		
Diclartion		8.00		42.00			75.00			3.70		6.40		8.80
Observation		12.70		19.00			82.00			3.00		OK		

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