

TYPE TEST RECORD SHEET

CREATIVE ENGINEERS



Model : NSP - 2

H.P. : 3.00

415 V / 3 PH / 50 HZ / AC SUPPLY

Gauge Dis. : 1.5

Suc. Size : 50 mm

Del. Size : 50 mm

Performance at rated Freq. : 50

Capacity measured by :
Flow meter

Suction lift measured by : Vacuum Gauge
Delivery head measured by : Pressure Gauge

Motor Effi. Reference : Performance curve at full load, rpm
Nature of test - Performance test as per IS :

Sr. No.	Del Head meter	Suc Head meter	Total meter	Motor i/p kw	Current amp	Freq. Hz	Speed rpm	Disch. lpm	Head meter	Motor i/p kw	Disch. lpm	Pump o/p kw	Efficiency %
1	22.0	0.5	24.0	2.002	3.33	49.0	2878	0	24.98	2.126	0.00	0.000	0.00
2	15.0	4.0	20.5	2.074	3.38	49.1	2881	109.68	21.26	2.190	111.69	0.388	17.71
3	12.0	4.0	17.5	2.186	3.50	49.1	2873	227.85	18.17	2.313	232.17	0.689	29.80
4	10.0	4.0	15.5	2.218	3.56	49.0	2866	299.80	16.15	2.359	306.04	0.808	34.23
5	8.0	4.0	13.5	2.426	3.83	49.4	2885	379.74	13.85	2.522	384.66	0.871	34.53
6	6.0	4.0	11.5	2.370	3.77	49.2	2874	421.82	11.90	2.495	429.11	0.834	33.44
7	2.5	3.6	7.6	2.342	3.72	49.1	2870	518.94	7.88	2.473	528.45	0.681	27.52



