



1512ME003015-4 SERIAL NO.	E-3015 ORDER NO.	12EJH MODEL	1 STAGES	16 VTP 480V TEST LOOP	PUMP TYPE OF TEST	JOB TEST MOTOR	MAGNETIC FLOW METER	11/13/15 DATE TESTED	4A CURVE NO
<u>CASING DATA</u> CARBON STEEL MATERIAL 1A FINISH NA TONGUE	<u>IMPELLER DATA</u> DUCTILE IRON MATERIAL 8.88 DIAMETER .13 X 1.00 TIP		<u>CONDITIONS OF SERVICE</u> 170 m³/hr FLOW .983 SG 1765 RPM SPEED 80 TEMP. (F)		I CERTIFY THAT WITHIN THE ACCURACY OF THE TEST INSTRUMENTATION, THIS TEST REPRESENTS THE PERFORMANCE OF 1512ME003015-4 <i>Ray S. [Signature]</i>				





FLOWSERVE PUMP DIVISION
Taneytown

PERFORMANCE TEST RESULTS

ORDER NUMBER: E-3015
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MODEL: 12EJH
TEST DATE: 11/13/15

DATA CORRECTED TO 1765 RPM AND .983 S.G.

POINT	FLOW m ³ /hr	HEAD m	POWER KW	EFFICIENCY %	NPSHA m
1	251.92	12.62	14.76	57.59	11.04
2	239.96	14.18	14.87	61.21	11.04
3	226.51	15.53	14.58	64.51	11.03
4	181.86	21.07	13.39	76.53	11.02
5	168.37	22.48	12.92	78.36	11.00
6	139.39	23.97	11.54	77.40	10.98
7	93.01	26.42	9.40	69.89	10.95
8	50.17	26.88	7.77	46.42	10.92
9	0.00	26.99	7.33	0.00	10.92



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TEST DATA

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POINT	FLOW GPM	POWER KW	Discharge Pressure PSI	Suction Pressure PSI	Speed RPM
1	1119.80	16.47	15.28	0.00	1781.91
2	1066.58	16.59	17.64	0.00	1781.84
3	1007.13	16.29	19.71	0.00	1782.42
4	809.24	14.99	28.07	0.00	1783.80
5	749.88	14.50	30.26	0.00	1785.38
6	621.19	12.98	32.60	0.00	1786.48
7	415.07	10.62	36.47	0.00	1789.05
8	224.21	8.81	37.34	0.00	1791.53
9	0.00	8.32	37.55	0.00	1791.60