

AC Induction Motor Performance Data
Record # 92410
Typical performance - not guaranteed values

Winding: 09WGY948-R035			Type: 0934M		Enclosure: TEFC			
Nameplate Data			460 V, 60 Hz: Single Voltage Motor					
Rated Output (HP)		15	Full Load Torque		22.4 LB-FT			
Volts		460	Start Configuration		direct on line			
Full Load Amps		17	Breakdown Torque		87.8 LB-FT			
R.P.M.		3520	Pull-up Torque		26 LB-FT			
Hz		60	Phase		3	Locked-rotor Torque	32.7 LB-FT	
NEMA Design Code		B	KVA Code		G	Starting Current		116 A
Service Factor (S.F.)		1.15	No-load Current		5.1 A			
NEMA Nom. Eff.		91	Power Factor		89	Line-line Res. @ 25°C		0.622 Ω
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		54°C		
S.F. Amps				Temp. Rise @ S.F. Load		67°C		
				Locked-rotor Power Factor		28.4		
				Rotor inertia		0.868 lb-ft²		

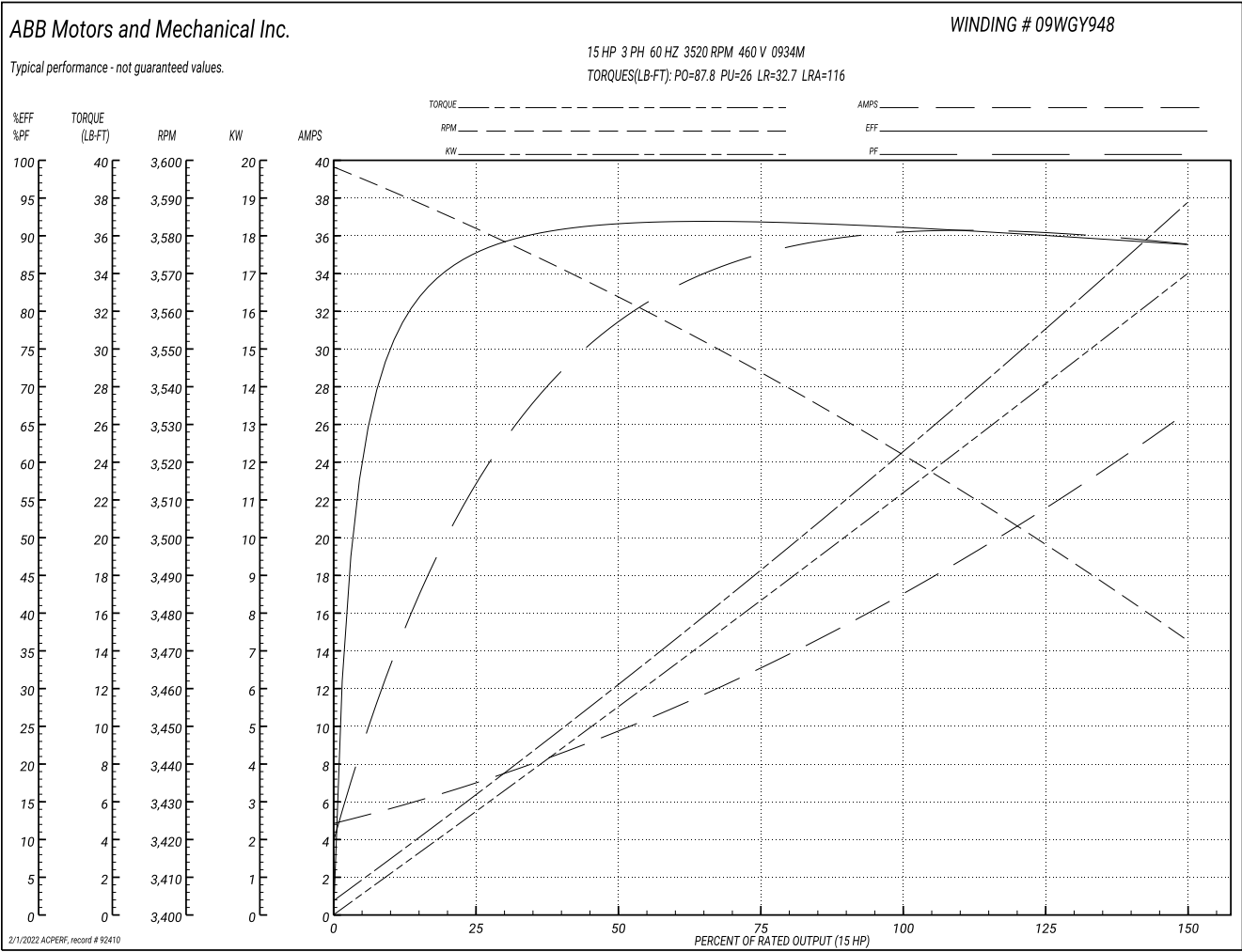
Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	61	80	88	89	90	90	90
Efficiency	87.4	91.1	91.7	91	90.1	88.7	90.5
Speed	3581	3563	3544	3522	3499	3472	3508
Line amperes	6.66	9.71	13.1	17.3	21.7	26.5	19.9

PURCHASER'S NAME:	Air Products Manufacturing LLC.
CUSTOMER / CLIENT:	WORLD ENERGY PARAMOUNT
PROJECT NAME / No.:	World Energy Renewables Project
PURCHASER'S P.O. No.:	4505551384
SITE / LOCATION:	World Energy, Paramount, CA, USA
EQUIPMENT SERVICE:	STRIPPER REFLUX PUMPS
PUMP TAG NUMBER:	18-P-355 A/B
DRIVER TAG NUMBER:	18-P-355AM/BM
PUMP SERIAL NUMBER:	649501 / 649502
SULZER SALES ORDER No:	100456527-0010

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Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values



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