

MOTOR DATA SHEET (INCL. CURVES)

CLIENT : Air Products Manufacturing LLC

PROJECT NAME/NO. : WEP Renewables

CLIENT PO NO : 4505605360

HMD DOCUMENT NO : HMD-4505605360-C11-07

CLIENT DOCUMENT NO :

HMD PUMP NO : 840055 & 840056

EQUIPMENT TAG NO : 18-P-257/18-P-257S

2	14/03/2023	ISSUE FOR REVIEW	GC	AFS	AFS
1	16/12/2022	ISSUE FOR REVIEW	KW	AFS	AFS
0	13/09/2022	ISSUE FOR REVIEW	ABB	AFS	AFS
REV	DATE	DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY

NOTE:



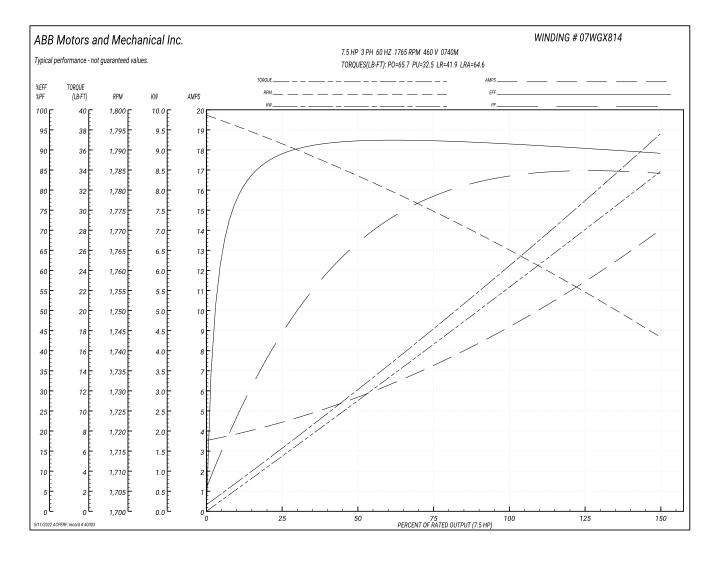
RESOLUTION SHEET

Comment Number	Document Name: Motor Data Sheet			Comment Status: Open\Closed -
	CLIENT COMMENT	HMD RESPONSE	Current Rev:	(Date Closed:)
1	Update lines 48-50	Noted & added	1	Closed - (14/03/2023)
2	Vendor to provide HOT and COLD withstand curves	Noted & added	1	Closed - (14/03/2023)
3	Provide speed torque	Already added	1	Closed - (14/03/2023)

Í		104/1/01	TACELIC	OD /IEEE 244	0 1 1	4.01/55				
		I LOW VOL		OR (IEEE 841)	Contract:	A8KM				
FLUOR.		DATA SHEET			Item No:	18-P-257 (840	18-P-257 (840055)			
		U.S. CUSTOMARY UNITS			Revision:	1	1 Date: 13-Sep-22			
		APPLICABLE MOTOR SPECIFICATION		Unit:	SWSPlus Unit	SWSPlus Unit				
W	orld energy	A8KM-PP-000-50670-A			RFQ / P.O. No.:	4505605360				
							1	Bay		
	ı	Doc. No.:			Sheet	1 of	1	Rev		
1	APPLICABLE TO	O PROPO	SAL	PURCHASE	AS BUILT					
2	CLIENT: Wo	rld Energy Para	mount	SERVIC	E	Slop Oil Pum	р			
3	PLANT: Wo	rld Energy Para	mount	MOTOR	R TAG NO. / NO. REQ'D	18-P-257	/ 0	ne (1)		
4		amount, CA		DRIVEN	I EQUIPMENT TYPE / TAG N	O. Slop Oil Pum		• •		
Ι,	OTTE: Tal	amount, oA				<u> </u>	ρ / 10-1 -2			
5				DESIGN DATA	AND ACCESSORY EQUI	PMENT				
6	NAMEPLATE	7.5 HP	1.15 S.F.	. 1780 RPM	POWER (VOLTAGE/P	HASE/HERTZ)	460 / 3 /	60		
7	ROTATION (WHE	N FACING MOTOF	R OPPOSITE DR	RIVE END):	CW CCW Fa	ns shall be bi-directional				
8	INSULATION CLA	SS: O B	● F	0 н О	VPI TEMP. RISE	CLASS B / °C	over 41 °C /	AMBIENT		
9	AREA CLASSIFIC	_		, GROUP	A/B/C/D DIV.	2 T-RAT		F		
	ANLA CLASSII IC.		UNCLASSIFIE		AIBICID DIV.	Z I-IVAT	130 /	_		
10		_	_			0 500				
11	LOCATION:	O INDOOR	OUTDO							
12		_	EMPERATURE:	MAX 105	<u> </u>	°F ALTITUDE	69 ft			
13	ENCLOSURE:	TOTALLY-EN	NCLOSED FAN-	COOLED O TO	TALLY-ENCLOSED NONVEN	ITILATED O EXPLO	SION PROOF			
14	MOUNTING METH	HOD:	FOOT	O FLANGE, T						
15	MOUNTING ARRA	NGEMENT:	HORIZO	NTAL O VE	RTICAL SHAFT DOWN	O VERTICAL SHAFT U	P			
16	BEARING TYPE:	BALL	O ROLLER	BEARING LU	JBRICATION: • GR	EASE O OIL C	PURE OIL MIST			
17	CONNECTION TO	LOAD:	DIRECT CONI	NECTED O V-E	BELT O THROUGH (SEAR O CLOSE CO	UPLED			
18	EQUIPMENT OPE	_	CONTINUOUS	S O SP	ARED CONTINUOUS		ENT-CYCLES / DAY			
19	SOUND PRESSUR			85	dBA @	3 FEET				
		NE LEVEL REQUIR	FULL VOLTAG		ED VOLTAGE,		Ctarting Valtage Din Alley			
20	STARTING:	0		_			Starting Voltage Dip Allov	vance		
21		U	UNLOADED	LOADE		TORS FOR POWER FACTO	R CORRECTION			
22	O SPACE HEAT	ERS	120 V	1	PHASE	°F MAX. TEMP		1		
23	OVERSIZE T	ERMINAL BOX	•	DRAIN PLUGS	Terminal Box shall be the large	st feasible for the motor frame.				
24	SS NAMEPLA	ATE O	AUXILIARY NA	AMEPLATE						
25	TEST	ROUTINE	O coi	MPLETE •	VIBRATION	REPORT FOOT	FLATNESS			
26	REMARKS: 8.1) This data sheet a	applies to moto	rs 1/2 hp through 500 h	np with anti-friction bearings	S.				
27		Space heaters are								
28	8.3) [P55 degree of pro	tection is requi	red.						
29										
		, 5								
30			ll l	NFORMATION BELO	W TO BE COMPLETED	BY VENDOR				
30	MOTOR MED	ADD			OW TO BE COMPLETED					
31			Baldor Baldor	MODEL	07-0000-0463	SERIAL NO				
31 32	NAMEPLATE HP	7.	Baldor 5			SERIAL NO). WEIGHT 178	LB		
31 32 33	NAMEPLATE HP MOTOR OUTLINE	7. DRAWING NO.	8 Baldor 5 07LYK629	MODEL	07-0000-0463 1765 FRAME	SERIAL NO	WEIGHT 178	LB		
31 32	NAMEPLATE HP	7. DRAWING NO.	8 Baldor 5 07LYK629	MODEL	07-0000-0463 1765 FRAME AI MOTOR WINDING	SERIAL NO 215T G MATERIAL		LB		
31 32 33	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF	7. DRAWING NO. STERIAL OF CONS ACTURER SK	5 07LYK629 ETRUCTION	MODEL FULL LOAD RPM	07-0000-0463 1765 FRAME	SERIAL NO 215T G MATERIAL 6307	WEIGHT 178	LB		
31 32 33 34	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA	7. DRAWING NO. STERIAL OF CONS ACTURER SK	3 Baldor 5 07LYK629 STRUCTION	MODEL FULL LOAD RPM	07-0000-0463 1765 FRAME AI MOTOR WINDING	SERIAL NO 215T G MATERIAL 6307	WEIGHT 178	LB		
31 32 33 34 35	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF	7. DRAWING NO. STERIAL OF CONS ACTURER SK	5 07LYK629 ETRUCTION	MODEL FULL LOAD RPM	07-0000-0463 1765 FRAME AI MOTOR WINDING SIZE	SERIAL NO 215T G MATERIAL 6307	WEIGHT 178	LB		
31 32 33 34 35 36	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF	7. DRAWING NO. STERIAL OF CONS ACTURER SK	5 07LYK629 ETRUCTION	MODEL FULL LOAD RPM	07-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE	WEIGHT 178 Cu BS LOCATION N/A	LB		
31 32 33 34 35 36 37	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO	7. DRAWING NO. STERIAL OF CONS ACTURER SK R THRUST BEAR	Baldor Total State Stat	MODEL FULL LOAD RPM	07-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS*	WEIGHT 178 Cu BS LOCATION N/A 64.6			
31 32 33 34 35 36 37 38 39	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES	7. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL	3 Baldor 5 07LYK629 6TRUCTION F ING: TYPE	MODEL FULL LOAD RPM N/A 1/2 OTH	07-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE*	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37	AMPS -T-LB		
31 32 33 34 35 36 37 38 39 40	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, %	7. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2	MODEL FULL LOAD RPM N/A 1/2 OTH 5.61 N// 92.1 N//	07-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR LOCKED ROTOR TO	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE*	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37 41.9	AMPS FT-LB		
31 32 33 34 35 36 37 38 39 40 41	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR	7. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2 78	MODEL FULL LOAD RPM N/A 1/2 OTH 5.61 N// 92.1 N// 69 N//	O7-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR A LOCKED ROTOR TO A PULL UP TORQU	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E*	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37 41.9 32.5	AMPS FT-LB FT-LB FT-LB		
31 32 33 34 35 36 37 38 39 40 41 42	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, %	7. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2	MODEL FULL LOAD RPM N/A 1/2 OTH 5.61 N// 92.1 N//	O7-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR A LOCKED ROTOR TO A PULL UP TORQU BREAKDOWN TO	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* RQUE* E* PRQUE*	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37 41.9 32.5 65.7	AMPS FT-LB FT-LB FT-LB FT-LB		
31 32 33 34 35 36 37 38 39 40 41 42 43	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM	7. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765	3 Baldor 5 07LYK629 6TRUCTION 6 TYPE 1NG: TYPE 3/4 7.32 92.2 78 1775	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N//	O7-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR LOCKED ROTOR TO A PULL UP TORQU BREAKDOWN TO ACCEL. TIME W/	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)*	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37 41.9 32.5 65.7 6 5	AMPS FT-LB FT-LB FT-LB FT-LB FT-LB FT-LB		
31 32 33 34 35 36 37 38 39 40 41 42 43 44	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G	7. DRAWING NO. MITERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED	3 Baldor 5 07LYK629 6TRUCTION F ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA /	MODEL FULL LOAD RPM N/A 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB.	O7-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR A LOCKED ROTOR TO A PULL UP TORQU BREAKDOWN TO ACCEL. TIME W/ A STALL TIMES AT	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD	WEIGHT 178 Cu SS LOCATION N/A 64.6 22.37 41.9 32.5 65.7 65.7 6 23 / 51	AMPS FT-LB FT-LB FT-LB FT-LB		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM	7. DRAWING NO. MITERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED	3 Baldor 5 07LYK629 6TRUCTION 6 TYPE 1NG: TYPE 3/4 7.32 92.2 78 1775	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N//	O7-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR LOCKED ROTOR TO PULL UP TORQU BREAKDOWN TO ACCEL. TIME W/ A STALL TIMES AT NUMBER OF COI	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS*	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37 41.9 32.5 65.7 6 5	AMPS FT-LB FT-LB FT-LB FT-LB FT-LB FT-LB		
31 32 33 34 35 36 37 38 39 40 41 42 43 44	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G	7. DRAWING NO. MITERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED	3 Baldor 5 07LYK629 6TRUCTION F ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA /	MODEL FULL LOAD RPM N/A 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB.	O7-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR A LOCKED ROTOR TO A PULL UP TORQU BREAKDOWN TO ACCEL. TIME W/ A STALL TIMES AT	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS*	WEIGHT 178 Cu SS LOCATION N/A 64.6 22.37 41.9 32.5 65.7 65.7 6 23 / 51	AMPS FT-LB FT-LB FT-LB FT-LB FT-LB FT-LB		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING	O7-0000-0463 1765 FRAME AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR LOCKED ROTOR TO PULL UP TORQU BREAKDOWN TO ACCEL. TIME W/ A STALL TIMES AT NUMBER OF COI	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37 41.9 32.5 65.7 6 9 23 / 51 1 Hot / 2 Cold	AMPS FT-LB FT-LB FT-LB FT-LB FT-LB FT-LB		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL	7. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy	3 Baldor 5 07LYK629 6TRUCTION 6F 1NG: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000	MODEL FULL LOAD RPM N/A 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING	A HOCKED ROTOR TO PULL UP TORQUE BREAKDOWN TO ACCEL. TIME W/A STALL TIME W/A STAL	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCUMENTS)	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37 41.9 32.5 65.7 6 5 23 / 51 1 Hot / 2 Cold	AMPS FT-LB FT-LB FT-LB FT-LB FT-LB FT-LB		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy INFORM CURRENT CURVE	3 Baldor 5 07LYK629 6TRUCTION 6F 1NG: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING	A HOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A LOCKED ROTOR TO A LOCKED ROTOR TO A LOCKED ROTOR TO A STALL TIMES AT NUMBER OF COI * INDICATED AT R VENDOR AFTER PURCHAS URFACE TEMP. DURING NO	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCU RMAL STARING OR OPERA	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37 41.9 32.5 65.7 6.3 23 / 51 1 Hot / 2 Cold JMENTS) TION OF:	AMPS =T-LB =T-LB =T-LB =T-LB SEC. SEC.		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL SAFE TIME - SPEED - TOR	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy INFORM CURRENT CURVE	3 Baldor 5 07LYK629 ETRUCTION FF ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000 IATION BELOW E	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING TO BE PROVIDED BY MAX. SI O RC	A HOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A LOCKED ROTOR TO A LOCKED ROTOR TO A LOCKED ROTOR TO A STALL TIMES AT NUMBER OF COI * INDICATED AT R VENDOR AFTER PURCHAS URFACE TEMP. DURING NO	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCU RMAL STARING OR OPERA	WEIGHT 178 Cu 3S LOCATION N/A 64.6 22.37 41.9 32.5 65.7 65.7 6 23 / 51 1 Hot / 2 Cold JMENTS) TION OF:	AMPS FT-LB FT-LB FT-LB FT-LB FT-LB FT-LB		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL SAFE TIME - SPEED - TOF SAFE LOCKE	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy INFORM CURRENT CURVE	3 Baldor 5 07LYK629 6TRUCTION 6F 1NG: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING	A HOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A LOCKED ROTOR TO A LOCKED ROTOR TO A LOCKED ROTOR TO A STALL TIMES AT NUMBER OF COI * INDICATED AT R VENDOR AFTER PURCHAS URFACE TEMP. DURING NO	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCU RMAL STARING OR OPERA	WEIGHT 178 Cu BS LOCATION N/A 64.6 22.37 41.9 32.5 65.7 6.3 23 / 51 1 Hot / 2 Cold JMENTS) TION OF:	AMPS =T-LB =T-LB =T-LB =T-LB SEC. SEC.		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL SAFE TIME - SPEED - TOF SAFE LOCKE NOTES:	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy INFORM CURRENT CURVE RQUE CURVE	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000 ATION BELOW E HOT 23	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING TO BE PROVIDED BY MAX. SI O RC COLD 51	A HOUSE POTOR OF THE PURCHAS OF COLORS OF THE PURCHAS OF	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCU RMAL STARING OR OPERA STATOR °F C	WEIGHT	AMPS =T-LB =T-LB =T-LB =T-LB SEC. SEC.		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL SAFE TIME - SPEED - TOR SAFE LOCKE NOTES: 8.5 Motor names	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy INFORM CURRENT CURVE RQUE CURVE ED ROTOR TIME	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000 AATION BELOW E HOT 23	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING TO BE PROVIDED BY MAX. S O RC COLD 51	A HOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A HOUL LOAD TOR A HOUL UP TORQUE BREAKDOWN TO A STALL TIMES AT NUMBER OF COI * INDICATED AT R VENDOR AFTER PURCHAS URFACE TEMP. DURING NO DITOR N/a °F O	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCU RMAL STARING OR OPERA STATOR °F C	WEIGHT	AMPS =T-LB =T-LB =T-LB =T-LB SEC. SEC.		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL SAFE TIME - SPEED - TOR SAFE LOCKE NOTES: 8.5 Motor names	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy INFORM CURRENT CURVE RQUE CURVE ED ROTOR TIME	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000 AATION BELOW E HOT 23	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING TO BE PROVIDED BY MAX. SI O RC COLD 51	A HOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A HOUL LOAD TOR A HOUL UP TORQUE BREAKDOWN TO A STALL TIMES AT NUMBER OF COI * INDICATED AT R VENDOR AFTER PURCHAS URFACE TEMP. DURING NO DITOR N/a °F O	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCU RMAL STARING OR OPERA STATOR °F C	WEIGHT	AMPS =T-LB =T-LB =T-LB =T-LB SEC. SEC.		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL SAFE TIME - SPEED - TOF SAFE LOCKE NOTES: 8.5 Motor name 8.6 Provide acce	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy INFORM CURRENT CURVE ED ROTOR TIME Indicate ssory loads on su	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000 ATION BELOW E HOT 23 9 service factor, ubmittal docume	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB (NON-SPARKING TO BE PROVIDED BY MAX. SI O RO COLD 51 area classification and ents, e.g. Volts, HP, kV	A HOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A HOUL LOAD TOR A HOUL UP TORQUE BREAKDOWN TO A STALL TIMES AT NUMBER OF COI * INDICATED AT R VENDOR AFTER PURCHAS URFACE TEMP. DURING NO DITOR N/a °F O	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCL RMAL STARING OR OPERA STATOR n/a °F CO	WEIGHT	AMPS =T-LB =T-LB =T-LB =T-LB SEC. SEC.		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL SAFE TIME - SPEED - TOF SAFE LOCKE NOTES: 8.5 Motor name 8.6 Provide acce 8.7 All motors sl	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy INFORM CURRENT CURVE ED ROTOR TIME Indicate ssory loads on su	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000 BATION BELOW E HOT 23 e service factor, ubmittal docume L. I, Div. 2, Gr. B	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING TO BE PROVIDED BY MAX. SI O RO COLD 51 area classification and ents, e.g. Volts, HP, kV ,C,D and a T3C temper	AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A FULL LOAD TOR LOCKED ROTOR TO A PULL UP TORQU BREAKDOWN TO ACCEL. TIME W/ A STALL TIMES AT NUMBER OF COI * INDICATED AT R VENDOR AFTER PURCHAS URFACE TEMP. DURING NO OTOR n/a °F O	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCL RMAL STARING OR OPERA STATOR n/a °F CO	WEIGHT	AMPS =T-LB =T-LB =T-LB =T-LB SEC. SEC.		
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	NAMEPLATE HP MOTOR OUTLINE ROTOR CAGE MA BEARING MANUF VERTICAL MOTO LOAD AMPERES EFFICIENCY, % POWER FACTOR SPEED, RPM SOUND LEVEL: G FAN MATERIAL SAFE TIME - SPEED - TOF SAFE LOCKE NOTES: 8.5 Motor nameg 8.6 Provide acce 8.7 All motors sl 8.8 An oversized	T. DRAWING NO. ATERIAL OF CONS ACTURER SK R THRUST BEAR FULL 9.29 91.7 83 1765 UARANTEED Polypropy INFORM CURRENT CURVE ED ROTOR TIME SSORY loads on su nall be rated for Ci electrical termina	3 Baldor 5 07LYK629 STRUCTION F ING: TYPE 3/4 7.32 92.2 78 1775 <90 dBA / ylene MP5000 BATION BELOW E HOT 23 e service factor, ubmittal docume 1. I, Div. 2, Gr. B ations box is red	MODEL FULL LOAD RPM 1/2 OTH 5.61 N// 92.1 N// 69 N// 1783 N// EXPECTED 80 dB. (NON-SPARKING TO BE PROVIDED BY MAX. SI O RO COLD 51 area classification and ents, e.g. Volts, HP, kV ,C,D and a T3C temper	AI MOTOR WINDING SIZE CAPACITY: UP N/A ER LOCKED ROTOR A LOCKED ROTOR TO A LOCKED ROTOR TO A PULL UP TORQUE BREAKDOWN TO ACCEL. TIME W/ A STALL TIMES AT NUMBER OF COI * INDICATED AT R VENDOR AFTER PURCHAS URFACE TEMP. DURING NO DITOR n/a °F O d T-rating. T-rating relates to A, etc. Frature code for project unifor	SERIAL NO 215T G MATERIAL 6307 LBS DOWN N/A LE AMPS* QUE* RQUE* E* DRQUE* LOAD (0 TO FULL SPEED)* ZERO RPM* - HOT / COLD NSECUTIVE STARTS* ATED VOLTAGE E (REFER TO RFQ/PO DOCL RMAL STARING OR OPERA STATOR n/a °F CO	WEIGHT	AMPS =T-LB =T-LB =T-LB =T-LB SEC. SEC.		

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Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values

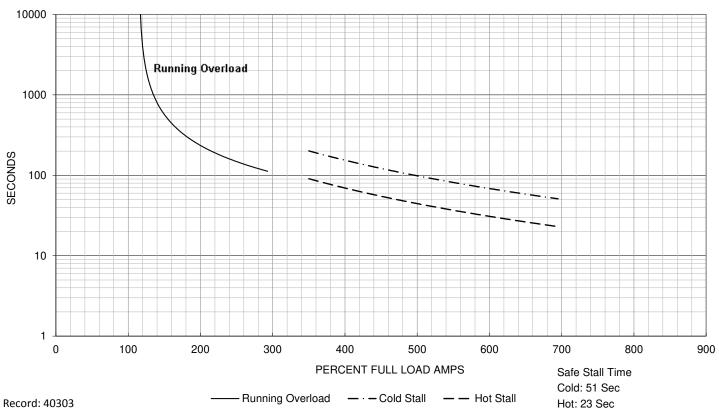


THERMAL LIMIT CURVE



07WGX814

7.5HP 460V 60HZ

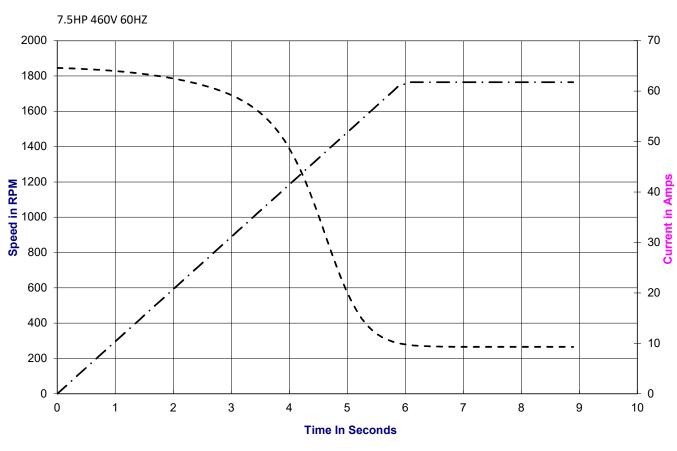


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Speed Time / Current Time Curve

BALDOR • RELIANCE I

07WGX814 : Variable Torque: 39. lb-ft² Load Inertia



- · - Speed - - - Amps