



Product Information Packet

IDDRPM445006

500HP DPFV EXTRUDER DUTY L4461

Part Detail							
Revision:	A	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	L2046A	CD Diagram:	422927-001	Mfg Plant:	
Mech. Spec:		Layout:	615917-013	Poles:	06	Created Date:	04-09-2015
Base:		Eff. Date:	09-25-2018	Leads:			

Specs			
Catalog Number:	IDDRPM445006		
Enclosure:	DP		
Frame:	L4461		
Frame Material:	Exposed Laminations		
Auxillary Box:	No Auxillary Box		
Base Indicator:	RG		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Enclosure Modification:	FORCE VENT		
Feedback Device:	NO FEEDBACK		
Frame Prefix:	L		
Heater Indicator:	No Heater		
Mounting Arrangement:	F1		
Pulley End Bearing Type:	Ball		
Pulley Face Code:	Standard		
Shaft Ground Indicator:	Shaft Grounding		
Shaft Rotation:	Reversible		
Motor Standards:	NEMA		
Thermal Device - Bearing:	None		

Thermal Device - Winding:	Normally Closed Thermostat		
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Nameplate 000613006MY

	DUTY	HP	RPM	AMPS	VOLTS	HZ	
	CONT	500	1190	669	460	60	
	CONT	500	2400	604	460	121.1	
CAT.NO.	IDDRPM445006			SPEC. NO.	P44L1358		
SER.NO				FR L 4461	INSUL	H	
PH.	3	MAX SAFE SPEED		2700	AMB.	50	MIN. AMB. -25
DESIGN NO.	L2046A			TYPE	ENCL.	DP	
S.F.	1.0			D.E. BRG.	6222MCL0241		
ENCL MOD	FORCE VENT			O.D.E. BRG.	6222MCVL0241		

Parts List		
Part Number	Description	Quantity
WS286585	WS P44L1358	1.000 EA
RA282817	RA P44L1358	1.000 EA
000613006MY	NP-RPMAC INVERTER DUTY	1.000 EA
000692000EF	CAUTION LABEL	1.000 EA
000692000FP	NP, WARNING LIFT INSTRUCTIONS	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
418057249A	LABEL (WARNING)	1.000 EA
418057747A	METAL FASTENER	8.000 EA
422927001	C/D LABEL	1.000 EA
004824007AB	PAINT,XT	0.100 EA
004824015A	GREASE POLYREX EM	1.100 LB
034693003AB	PPLG 3/8" SLOT PIPE PLUG	1.000 EA
034693003AB	PPLG 3/8" SLOT PIPE PLUG	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001BB	GREASE FTG,GRS.IN	1.000 EA
036000012JB	M8-1.25 X 12MM HXHDC	12.000 EA
036000020GB	HHCS SH B/HLDR MT	2.000 EA
036000070PB	HHCS M20-2.5X70MM PLTD.	4.000 EA
036000070PB	HHCS M20-2.5X70MM PLTD.	4.000 EA
036000090KB	HHCS,DE CAP - 400	4.000 EA
036000090KB	HHCS,DE CAP - 400	4.000 EA
036140001F	M30-3.5 X 45MM EYEBOLT	2.000 EA
036310010FB	RHMS TERM/BLK MTG	1.000 EA
418150003A	GREASE FITTING CAP	2.000 EA

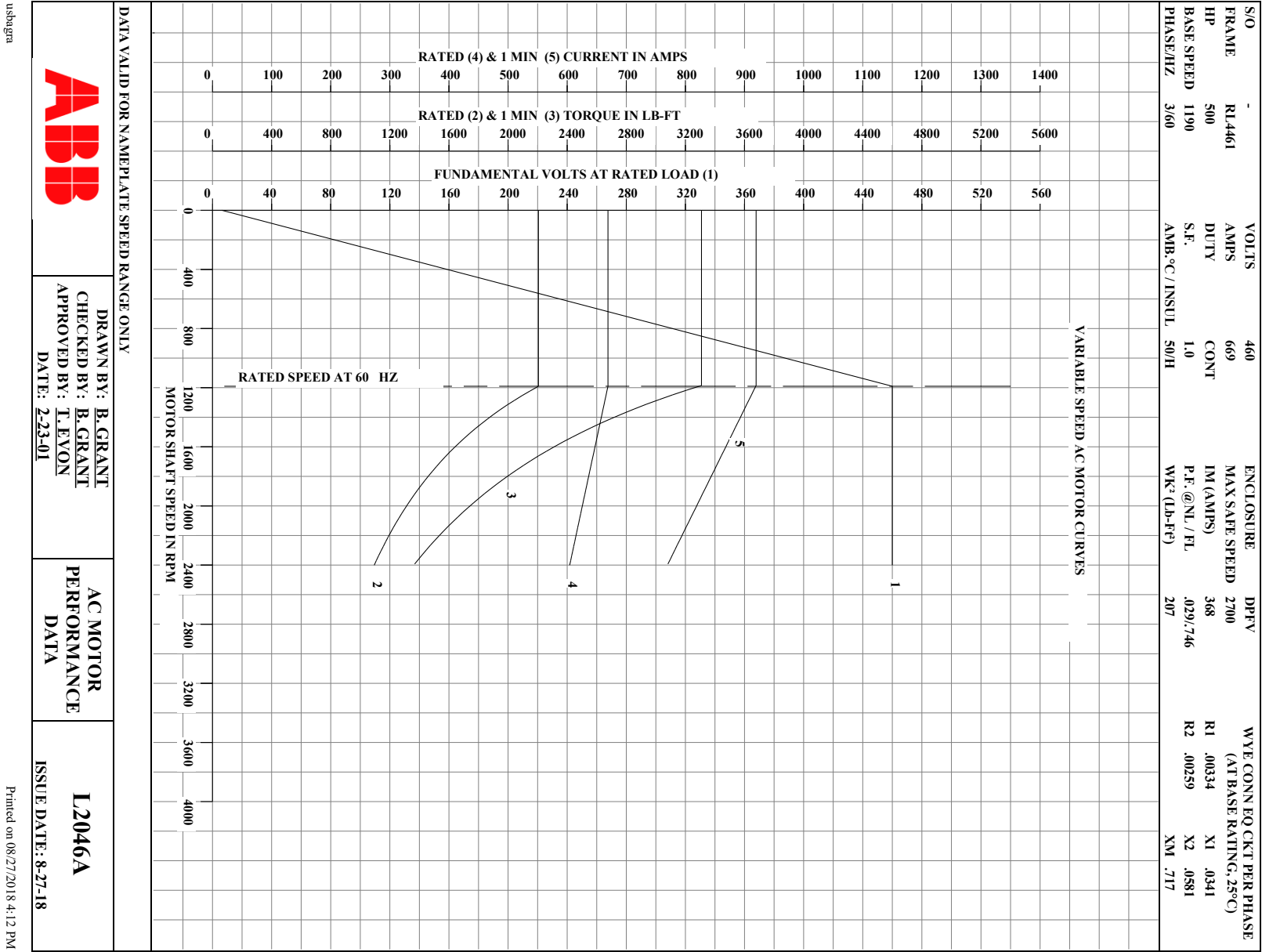
Parts List (continued)		
Part Number	Description	Quantity
423317001A	GRD BRUSH HOLDER	1.000 EA
423317001B	GRD BRUSH	1.000 EA
424433001A	WAVY SPRING WSHER	1.000 EA
611917002Y	GASKET, NEOPRENE	1.000 EA
611917002Y	GASKET, NEOPRENE	1.000 EA
708518003A	COVER, HANDHOLE-SOLID	1.000 EA
708518003A	COVER, HANDHOLE-SOLID	1.000 EA
708532007A	L440 AIR BAFFLE	1.000 EA
804830103AE	BRKT,L440	1.000 EA
804831001B	BRKT,DE,L440	1.000 EA
000613006NT	NAME PLATE IEC	1.000 EA
032018004CK	HHCS 3/8-16X1/2L PLATED	4.000 EA
032018008DK	HHCS 1/2-13X1 PLATED	4.000 EA
036000012KB	M10 1.50 X 12MM HXHDCS	4.000 EA
036000016HD	HXHCS	8.000 EA
036000016KB	HHCSM10-1.5X16MM PLTD-280	2.000 EA
036000020JB	HHCS M8-1.25X20L PLTD-250	8.000 EA
036000020JD	HHCS M8X20MM LONG 304S.S	5.000 EA
036000025JB	HHCS M8X25MM LONG PLATED	8.000 EA
036000025LB	HHCS M12-1.75X25 PLATED	1.000 EA
036000070LB	MHHCS M12-1.75X70M -360	3.000 EA
036100020JA	M8-1.25 X 20MM HXSOCHDCS	6.000 EA
036210120LB	GROUND WIRE	1.000 EA
036500011AB	METRIC NUT M12-1.75 PLT.	3.000 EA

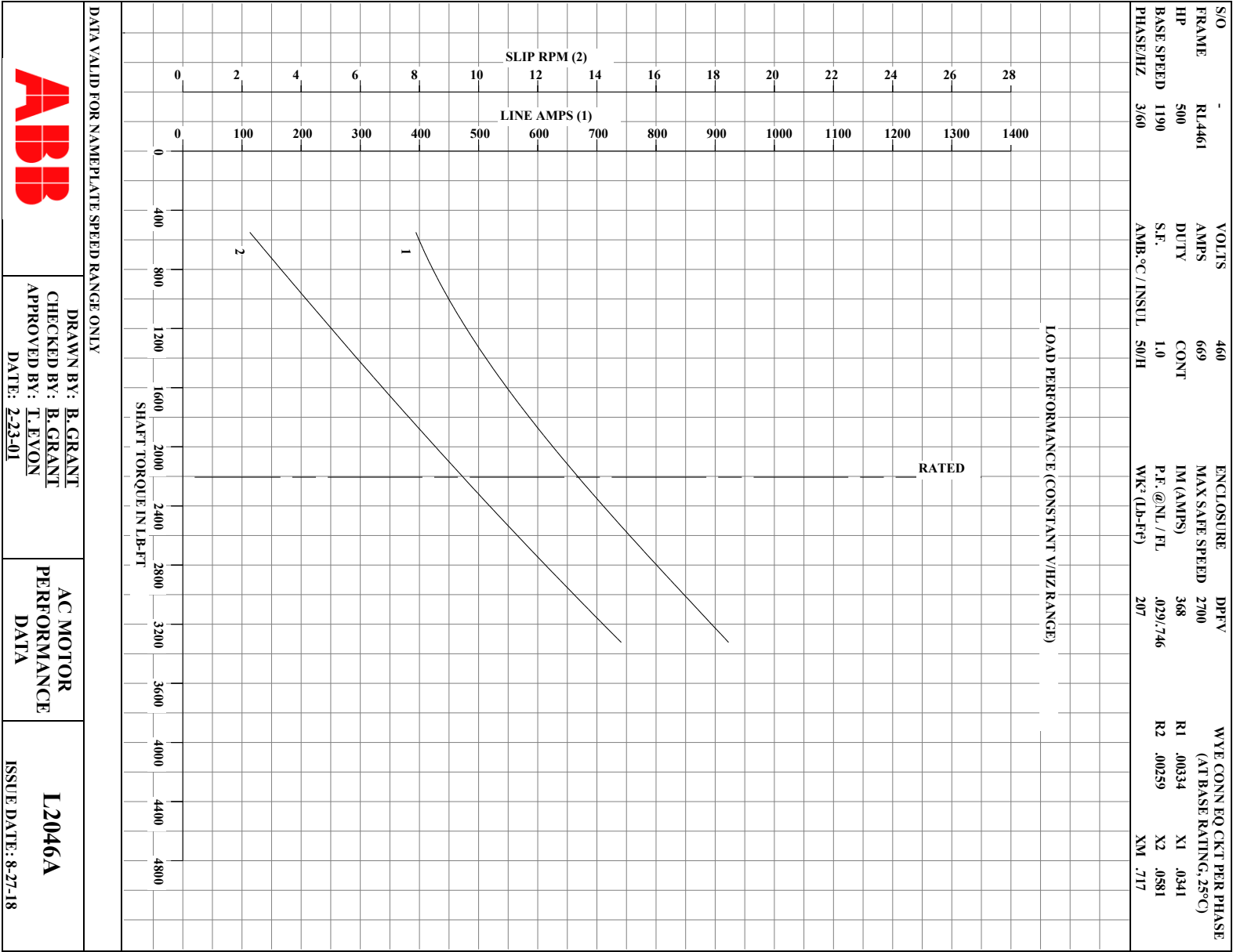
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036600008AD	FLTWSHR,T BLK SPT	8.000 EA
036600011AB	M12 METRIC FLAT WASH	5.000 EA
036620010AB	M10 EXT. TOOTH LK WASHER	1.000 EA
036620010AB	M10 EXT. TOOTH LK WASHER	2.000 EA
036620011AB	LCKW9JPR BR SUPP	2.000 EA
417733036B	GASKT,C/BOX BACKPLATE,REF 706310063E	1.000 EA
410978021A	FLANGE, INLET BLOWER HSG	1.000 EA
415000103F	TLUG	2.000 EA
417077124	FILTER KIT	1.000 EA
417733004M	GASKT	2.000 EA
417733013E	GASKT L440	1.000 EA
417733014F	GASKT L440	1.000 EA
417744401B	GROUND WIRE	1.000 EA
418010012F	COVER	1.000 EA
418018074A	GROUND LABEL G100 METRIC 160 D.C.	4.000 EA
418019012A	SETSCREW METRIC	1.000 EA
418057256C	HHCS M10 25MM 440 IEC	1.000 EA
422919315	HHCVR KIT,L440,DE/ODE,C/BOX MTG	1.000 EA
422919316	HHCVR KIT,L440,DE/ODE, LOUVERED	1.000 EA
422919316	HHCVR KIT,L440,DE/ODE, LOUVERED	1.000 EA
422919317	HHCVR KIT,L440,DE/ODE, SOLID	1.000 EA
422919317	HHCVR KIT,L440,DE/ODE, SOLID	1.000 EA
610409082A	ADAPTER	1.000 EA
610490003G	5HP,3490RPM,3PH,60HZ,184TC,0632M,TEFC,F1	1.000 EA
611917002Y	GASKET, NEOPRENE	1.000 EA
611917002Z	GASKT	1.000 EA

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706305020A	GUARD, SHAFT	1.000 EA
706310058E	KOBX CVR - 18.90 [480] X 19.49 [495]	1.000 EA
706310389A	706310389AA ENTRY PLATE	1.000 EA
706310063E	CBOX L440 1260A MAX	1.000 EA
706310082A	ADAPT (CBOX) L440	1.000 EA
708520001C	BLOWER WHEEL	1.000 EA
708528008A	SCROLL WELDMENT	1.000 EA
000640000P	TAG WINDING THERMOST	1.000 EA
004824007K	SPECIAL PAINT	0.300 EA
034180056LA	KEY 1X1X7 L	1.000 EA
036000025NF	SCREW, HEX M16 BRASS	2.000 EA
418018070A	TAG "WARNING THERMOSTA	1.000 EA
418018071	LABEL LABE	1.000 EA





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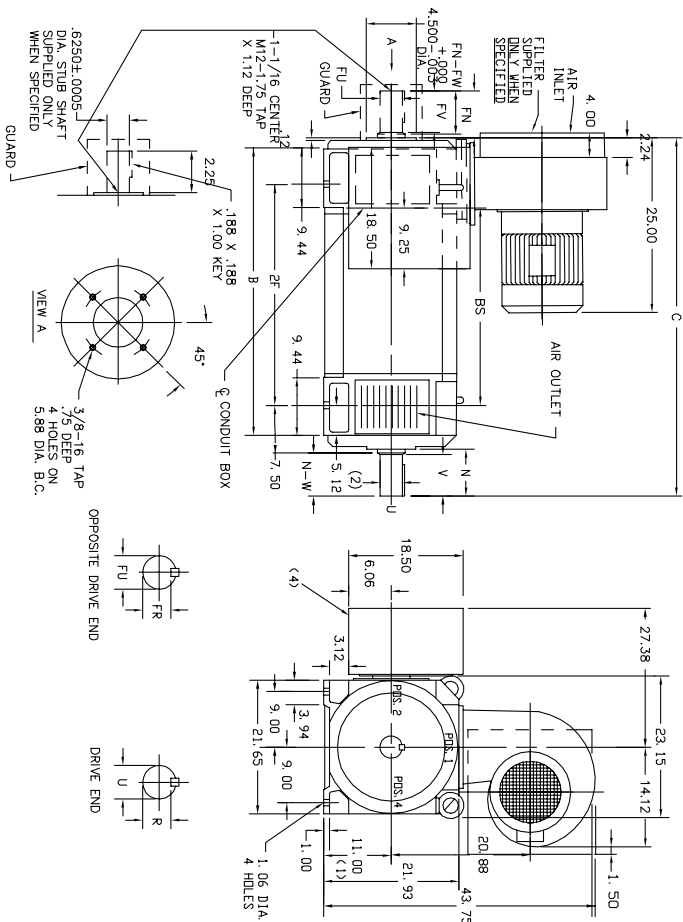
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615917-013

VARIABLE SPEED ALTERNATING CURRENT MOTORS
RPM AC

ENCLOSURE: DRIP-PROOF FULLY-GUARDED
MOUNTING: FOOT
COOLING: FORCE VENTILATED
WITH INTEGRAL BLOWER AND MOTOR WITH FILTER
ACCESSORIES: TACHOMETER PROVISIONS

FRAMES L4429 THRU L4473



FRAME	DRIVE METHOD	C	B	BS	2F	N	N-1/2	V	H	SO	LGTH	FN	FN-1/2	FP	TR	SO	LGTH	WTS.	
L4429	COUPLED	55.63	42.46	27.75	32.25	9.23	8.75	4.250	8.50	3.690	1.00	7.00	9.23	8.75	4.250	8.50	3.690	1.00	3004
L4429	BELTED	55.63	42.46	27.75	32.25	9.23	8.75	4.250	8.50	3.690	1.00	7.00	9.23	8.75	4.250	8.50	3.690	1.00	3004
L4440	COUPLED	56.38	45.23	30.50	35.00	9.23	8.75	4.500	8.50	3.944	1.00	7.00	9.23	8.75	4.500	8.50	3.989	1.00	3307
L4440	BELTED	56.38	45.23	30.50	35.00	9.23	8.75	4.500	8.50	3.944	1.00	7.00	9.23	8.75	4.500	8.50	3.989	1.00	3307
L4461	COUPLED	61.13	47.98	33.25	37.75	9.23	8.75	4.500	8.50	3.690	1.00	7.00	9.23	8.75	4.250	8.50	3.690	1.00	3612
L4461	BELTED	61.13	47.98	33.25	37.75	9.23	8.75	4.500	8.50	3.690	1.00	7.00	9.23	8.75	4.250	8.50	3.690	1.00	3612
L4461	COUPLED	63.63	50.48	35.75	40.25	9.23	8.75	4.250	8.50	3.694	1.00	7.00	9.23	8.75	4.250	8.50	3.690	1.00	3889
L4461	BELTED	63.63	50.48	35.75	40.25	9.23	8.75	4.250	8.50	3.694	1.00	7.00	9.23	8.75	4.250	8.50	3.690	1.00	3889
L4473	COUPLED	66.63	53.48	38.75	43.25	9.23	8.75	4.500	8.50	3.944	1.00	7.00	9.23	8.75	4.250	8.50	3.989	1.00	4220
L4473	BELTED	66.63	53.48	38.75	43.25	9.23	8.75	4.500	8.50	3.944	1.00	7.00	9.23	8.75	4.250	8.50	3.989	1.00	4220

- (1) "P" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .06 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
(2) "P" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .06 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
(3) "P" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .06 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
(4) REMOVABLE COVER PLATE FOR CUSTOMER DRILLING.
TERMINAL BOX CAN BE POSITIONED FOR EITHER TOP OR BOTTOM CONDUIT ENTRY.

TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLET AT TOP, SIDE OR BOTTOM. IF ROTATED TO TOP, THE LEAD OUTLET SHALL BE SPECIFIED. IF ROTATED TO SIDE OR BOTTOM, THE LEAD OUTLET SHALL BE SPECIFIED. BLOWER ASSEMBLY CAN BE LOCATED AT POSITIONS 1, 2 OR 4 EXCEPT BLOWER ASSEMBLY AND TERMINAL BOX CAN NOT BE LOCATED AT THE SAME POSITION. MOTOR WEIGHT MAY VARY 15% FOR NON-STANDARD RATINGS AND/OR ACCESSORIES. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

FRAME- _____ TYPE- _____ ITEM _____ HP- _____ RPM- _____ VOLTS _____ BLOWER MOTOR _____ CERTIFIED FOR- _____ VOLTS _____
DRIVER- _____
SALES ORDER- _____ APPROVED BY- _____ DATE- _____

61510-716519

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: ADD L4473 AND UL4473	VERSION: 01	TDR: 000000521619
REV. LTR: A	REVISED: 09:21:18 12/14/2009	BY: MGHBM10
FILE: \RGG\00003\664		
MTL: -		

Baldor • Dodge • Reliance

DIM SHET L440 DPFV W/ BLOWER FILTER

SH 1 of 1

NOTE:
DATA TO BE SIZED
SO THAT IT FITS INTO
MATERIAL DECAL
DIMENSIONS. MAKE
LETTERS & NUMBERS
AS LARGE AS POSSIBLE.



ALL LETTERS, NUMBERS
AND LINES TO BE BLACK
ON WHITE BACKGROUND.

NOTE:
CONNECT WITH THE TOGETHER POWER TO

422927-1

422927-001

REV. DESC: CHANGE BACKGROUND COLOR FROM GOLD TO WHITE		
REV. LTR: B	VERSION: 02	TDR: 000000788708
FILE: \RGG\00000\203		REVISED: 08:09:29 03/04/2013
MTL: -		BY: RGGWT

BALDOR

EXTERNAL CONNECTION LABEL

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