



TABLE 1

NOMINAL MEASURING HEAD SIZE	P1 & P2 BUS BAR DIMENSION (MINIMUM)		P1 & P2 BUS BAR DIMENSION (MAXIMUM)	
	mm	inches	mm	inches
60	2.36	60	60	2.36
90	3.54	90	90	3.54
120	4.72	120	120	4.72
150	5.91	150	150	5.91
180	7.09	180	180	7.09
210	8.27	210	210	8.27
240	9.45	240	240	9.45
270	10.63	270	270	10.63
300	11.81	300	300	11.81
330	12.99	330	330	12.99
360	14.17	360	360	14.17
390	15.35	390	390	15.35
420	16.54	420	420	16.54
450	17.72	450	450	17.72
480	18.90	480	480	18.90
510	20.08	510	510	20.08
540	21.26	540	540	21.26
570	22.44	570	570	22.44
600	23.62	600	600	23.62
630	24.80	630	630	24.80
660	25.98	660	660	25.98
690	27.17	690	690	27.17
720	28.35	720	720	28.35
750	29.53	750	750	29.53
780	30.71	780	780	30.71
810	31.89	810	810	31.89
840	33.07	840	840	33.07
870	34.25	870	870	34.25
900	35.43	900	900	35.43
930	36.61	930	930	36.61
960	38.80	960	960	38.80
990	38.98	960	960	38.98
1020	40.16	990	990	40.16

TABLE 2

MEASURING HEAD OUTSIDE DIMENSIONS	
H ₁ = NOMINAL SIZE + 130mm	[5.063"]
V ₁ = NOMINAL SIZE + 130mm	[5.063"]

NOTE:
 1) ALL TOLERANCES: ±0.5mm [±.020"] UNLESS NOTED OTHERWISE.
 2) P1 & P2 ARE ACTUAL BUS BAR DIMENSIONS.
 3) LKAT2 MEASURING HEADS ARE SIZED IN INCREMENTS OF 30mm (SEE TABLE 1). THIS IS THE NOMINAL SIZE OF THE LKAT2 MEASURING HEAD.

- TO INSTALL HEAD (REFER TO "CALL-OUT" NUMBERS):
- 1.) MATE "A" SIDES AS SHOWN.
 - 2.) INSERT QUICK PIN LOCK "A" SIDES TOGETHER.
 - 3.) MATE "B" SIDES AS SHOWN.
 - 4.) INSERT QUICK PIN LOCK "B" SIDES TOGETHER.
 - 5.) INSTALL "A" AND "B" HEAD HALVES AROUND BUS BAR & MATE HALVES TOGETHER.
 - 6.) INSERT QUICK PIN LOCK HEAD HALVES TOGETHER.
 - 7.) CONNECT "A" PLUGS TO "A" RECEPTACLES ON ITC CABLE ASSEMBLY.
 - 8.) CONNECT "B" PLUGS TO "B" RECEPTACLES ON ITC CABLE ASSEMBLY.
 - 9.) CONNECT "A" & "B" PLUGS ON ITC CABLE ASSEMBLY TO RECEPTACLES ON METERING UNIT.

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B/M NO.(REF.)	THIRD ANGLE Projection	DO NOT SCALE PRINT	TOL. UNLESS OTHERWISE NOTED
FINISH			
MATL			

DRN./DATE	SCALE	TITLE
7/21/17	N/A	OUTLINE & MOUNTING LKAT2P MEASURING HEAD

Dynamp, LLC GROVE CITY, OHIO

PRELIMINARY DWG. NO. 02B109565