



# FRONT

## BA CK

SUPERSCEDES ALL PRINTS PRIOR TO THIS DATE:

ENGINEERING APPROVAL OF FIRST PRODUCTION SHIPMENT FROM EACH SUPPLIER IS REQUIRED PRIOR TO AUTHORIZATION FOR USE ON MELLING PRODUCTION. NEW SAMPLES REQUIRED BEFORE ANY CHANGE IN PRODUCTION PROCESSING FOR ENGINEERING FUNCTIONAL TEST AND APPROVAL.

### MATERIAL:

White Paper: 2.75" Wide x 4.24" High

С	3/19/14	WAS 4.25" x 5.50"	4023	
В	10/13/03	REMOVED TEXT	2904	
Α	3/25/03	CORRECTED SPANISH VERSION	2688	
_	11/22/99	NEW RELEASE	2257	
LTR	DATE	REVISION	ECR	LOC

THE FOLLOWING ITEMS APPLY UNLESS OTHERWISE SPECIFIED: FOR FEATURES OF SIZE, PERFECT STRAIGHTNESS NOT REQUIRED AT MMC. FOR DIAMETRAL FEATURES, ROUNDNESS, MUST BE WITHIN THE MMC. AND LMC(LEAST MATERIAL CONDITION) BOUNDARY. TRUE POSITION TOLERANCES, AND RELATED DATUMS(EXCEPT PLANE SURFACES), APPLY AT MMC. OTHER GEOMETRIC TOLERANCES, AND RELATED DATUMS, APPLY AT RFS. SEPARATE TRUE POSITION CALLOUTS MAY BE GAGED SEPARATELY, REGARDLESS OF DATUM REFERENCE.

#### GEOMETRIC DRAWING SYMBOLS

⊕ TRUE POSITION O ROUND - STRAIGHT ✓ RUNOUT ∠ ANGULAR ⊚ CONCENTRIC → SQUARE Ø DIAMETER

// PARALLEL → PROFILE OF SURFACE M MAXIMUM MATERIAL CONDITION(MMC)

SYMMETRICAL PROFILE OF A LINE BASIC DIMENSION (xxx) REFERENCE

O' CYLINDRICAL

© REGARDLESS OF FEATURE SIZE © PROJECTED TOLERANCE ZONE

P.O. BOX 1188, JACKSON, MICHIGAN 49204



ENGINE COMPONENTS PRODUCT ENGINEERING



DO NOT SCALE DRAWING	ref. N	<i>I</i> 191		SHT. 1	of 1
UNLESS OTHERWISE SPECIFIED THE FOLLOWING TOLERANCES APPLY:	DIVAMIN L	BY COMPLETED	CHECKED AF	PROVED	SCALE
METRIC DIMENSIONS	MJO	11/22/99	KDS  11/	/22/99	FULL
±.25 ALLOWED ON ONE PLACE DECIMALS	DO TOLERANCES NOT OTHERWISE SPECIF				
±.13 ALLOWED ON TWO PLACE DECIMALS	NOT SCALE	ANGULAR DIM.±	STAN	DIM.±	
±.013 ALLOWED ON THREE PLACE DECIMALS	MATERIAL			APP. M.I.	
±0°30' ON ANGULAR DIMENSIONS.				MJU	
ENGLISH DIMENSIONS	SEE NOIE			DATE 10	/20/03

NAME SHEET-INSTALLATION

PART NO. M19115

±.015 ALLOWED ON ONE PLACE DECIMALS ±.010 ALLOWED ON TWO PLACE DECIMALS. ±.005 ALLOWED ON THREE PLACE DECIMALS. ±.0005 ALLOWED ON FOUR PLACE DECIMALS ±0°30' ON ANGULAR DIMENSIONS.