



REV	DESCRIPTION		DATE	BY	CKD
	RELEASE TO PRODUCTION		CRR0091	03-27-02	D.M. D.N.
A	"3500" was "4000"	(CRR0141)	05-07-02	D.M.	D.N.
B	UPDATED CATALOG CODE		(CRR0204)	06-29-02	GRJ
B	ADDED SAE DIMENSIONS AS SECONDARY DIMENSIONS		(CRR0204)	06-29-02	D.M.
C	WAS 87 MAX		(CRR1453)	01-13-06	DN GRJ

GENERAL NOTES:

- DIMENSIONS ARE IN MILLIMETERS [DECIMAL INCHES]
- ROTATION VIEWING DRIVE END: CLOCKWISE
- DISPLACEMENT: 5.6 CC/REV
- OUTPUT FLOW: 10.1 L/MIN. AT 2000 RPM & 138 BAR  
USING SAE NO. 10 OIL AT 48°C
- MAX RATED SPEED: 3500 RPM
- EXTERNAL INVOLUTE SPLINE DATA IN DECIMAL INCHES

EXTERNAL INVOLUTE SPLINE DATA  
FLAT ROOT SIDE FIT

FLAT ROOT SIDE FIT  
NO. OF TEETH 9  
SPLINE PITCH 16/32  
PRESSURE ANGLE 30°  
PITCH DIA. .56250 REF.  
MAJOR DIA. .6034-.6085  
FORM DIA. .504  
CIRCULAR TOOTH THICKNESS:  
MAX.EFFECTIVE .0942  
MIN. ACTUAL .0916

DO NOT SCALE UNLESS OTHERWISE SPECIFIED: TOLERANCES PER DIN 7186m	DRW D.M.	DATE 03-27-02	DESCRIPTION AZ-P-F-12-005-RRR12MB	SCALE FULL
LINEAR DIMENSION 0- 6= ±0.1 6- 30= ±0.2 30- 120= ±0.3 120- 400= ±0.5 400-1000= ±0.8 ANGLES = ± 1°	DWG. NO. A 510 290 004	DATE 04-18-02	TITLE PUMP-GEAR, INSTALLATION	SHEET 1
METRIC	REV. C	DATE	INTERNAL	OF 1
THIRD ANGLE PROJECTION	ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER HEREOF ARE RESERVED, AND NO PERMISSION IS GRANTED TO REPRODUCE THIS PRINT IN WHOLE OR PART, OR TO DISCLOSE ANY OF THE INFORMATION UPON IT TO OTHERS.			

**Rexroth**  
**Bosch Group**  
WOOSTER, OHIO 44691