

\* THESE COMPONENTS ARE LOCATED IN THE FLUID CYLINDER GROUP, ITEM ②  
 \*\* THESE COMPONENTS ARE LOCATED IN THE CYLINDER PISTON GROUP, ITEM ③  
 \*\*\* THESE COMPONENTS ARE LOCATED IN THE POWER END ASSEMBLY, ITEM ①

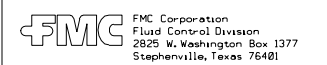
ITEM	NO. REQD	PART NO.	PART NAME
①	1	3265542	POWER END ASSEMBLY:
②	1	P500577	FLUID CYLINDER GROUP:
③	3	3269109	CYLINDER PISTON GROUP:
④	3	5271408	VALVE ASSEMBLY: AR, SUCTION
⑤	3	5271407	VALVE ASSEMBLY: AR, DISCHARGE
⑥	1	5266236	LIT KIT:
⑦	1	P508452	COVER: W/WASH MANIFOLD
* ⑧	1	3265130	FLUID CYLINDER:
* ⑨	3	5264826	VALVE COVER:
* ⑩	3	5262885	VALVE COVER CLAMP:
* ⑪	3	320071	PLUG: 3/4" PIPE, SST
* ⑫	3	3268117	O-RING: 239 BNO 90 DURO
△ * ⑬	2	5266592	STUD: 1-8 UNC-2A X 5.00 LG., SST
* ⑭	6	5262886	STUD: 3/4-10 UNC-2A X 6.13 LG., SST
△ * ⑮	2	3269115	LOCKING NUT: 1-8
* ⑯	6	1109316	HEX NUT: 3/4-10, SST
* ⑰	6	320951	FLAT WASHER: 3/4", SST
* ⑱	2	1177204	CAPLUG: INT. 24S (NOT SHOWN)
* ⑲	2	1120444	CAPLUG: INT. 501 (NOT SHOWN)
△ * ⑳	3	P501267	PLUG: 1/8" NPT, SST
* ㉑	3	3269116	CYLINDER:
* ㉒	3	3269112	CYLINDER CLAMP:
* ㉓	3	320315	O-RING: 243 BNO 90 DURO
* ㉔	6	3264864	STUD: 3/4-10 UNC-2A X 4.63 LG., SST
* ㉕	6	320951	FLAT WASHER: 3/4", SST
* ㉖	6	1109316	HEX NUT: 3/4-10, SST
* ㉗	3	3269110	PISTON ROD:
△ * ㉘	3	P504834	PISTON: 3" DIA, 2 PC
* ㉙	3	3269115	LOCKING HEX NUT:
* ㉚	3	1252143	CLAMP ASSEMBLY:
* ㉛	3	5262851	SHIELD DEFLECTOR:

NOTES:  
 1 TORQUE FASTENERS PER FMC ENGR SPEC AS-22. IN ADDITION, TORQUE THE PISTON ROD NUTS TO 250 ft. lb.  
 2 TEST PUMP PER FMC ENGR SPEC AS-15  
 3 STAMP NAMEPLATE PER ENGR SPEC AS-21 WITH PART NO. SERIAL NO. MODEL AND THE FOLLOWING UNDER "RATED CONDITIONS":

POWER REQUIRED	92.5 KW/124 HP
FLOW RATE	520.5 LPM/137.5 GPM
SPEED	500 CRANK RPM
DISCHARGE PRESSURE	9580 KPa/1390 PSI
SUCTION PRESSURE	690 KPa/100 PSI
FLUID TEMPERATURE	82°C/180°F
POWER END OIL CAPACITY	12 QUARTS

4 PAINT PUMP PER FMC ENGR SPEC CP-20  
 5 REPLACEMENT RUBBER AND O-RING SUPPLIED AS PART NUMBER "P511362"

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Unless Otherwise Specified:  
 Remove all burrs & sharp corners .015 R.  
 All diameters concentric unless .001 I.D.  
 Angles ±1/2°  
 .XX ±.015  
 .XXX ±.005  
 Finish 125 RMS  
 All dimensions are in inches

PUMP ASSEMBLY  
 M1224 DI, W/3" NPT X 2" NPT FLUID END,  
 STRAIGHT BORE PISTON & AR VALVE  
 ASSEMBLIES

H	REV BOM	5000003	BKM	08-22-01	RELEASED FOR PRODUCTION	DRAWN	CHJ	04-08-96	SCALE:	NONE	
G	REV BOM, NOTE 5	5004436	BKM	04-03-00	ECN	DATE	CKD.	SL	04-07-96	SIZE	DRAWING NO.
F	REVISED AND REDRAWN	5003398	BKM	04-28-99	13129	04-19-96	APPD.	RMc	04-11-96	D	3269108
REV	WAS	ECN	BY	DATE							

3269108