

* 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

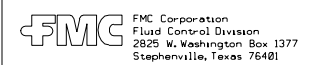
ITEM	NO. REQD	PART NO.	PART NAME
①	1	P507071	POWER END ASSEMBLY: 24T
②	1	P500577	FLUID CYLINDER GROUP:
③	3	3269109	CYLINDER PISTON GROUP:
④	3	5271408	VALVE ASSEMBLY: AR, SUCTION
⑤	3	5271407	VALVE ASSEMBLY: AR, DISCHARGE
⑥	1	5266236	LIT KIT:
⑦	1	P508452	COVER: W/WASH MANIFOLD
* ⑧	1	3265130	FLUID CYLINDER:
* 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 HEX NUT: 1-8, SST
* 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. 50I (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 .005 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, RH, W/3" NPT X 2" NPT FLUID END, STRAIGHT BORE PISTON & AR VALVES ASSEMBLIES, HYD DRIVE

C	REV BOM	5004342	BKM	02-25-00	RELEASED FOR PRODUCTION	ECN	DATE	02-25-00	SCALE: NONE	DRAWING NO.	P510726
B	REV BOM	5004342	BKM	04-04-00	CDK.	SJK	02-21-00	APPD.	GG	02-25-00	
A	NEW ISSUE	1	BKM	02-18-00							
REV	WAS	ECN	BY	DATE	5004342	02-25-00					

P510726