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MA2083

RATIONALE

FEDERAL SUPPLY CLASS
4720

MA2083 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

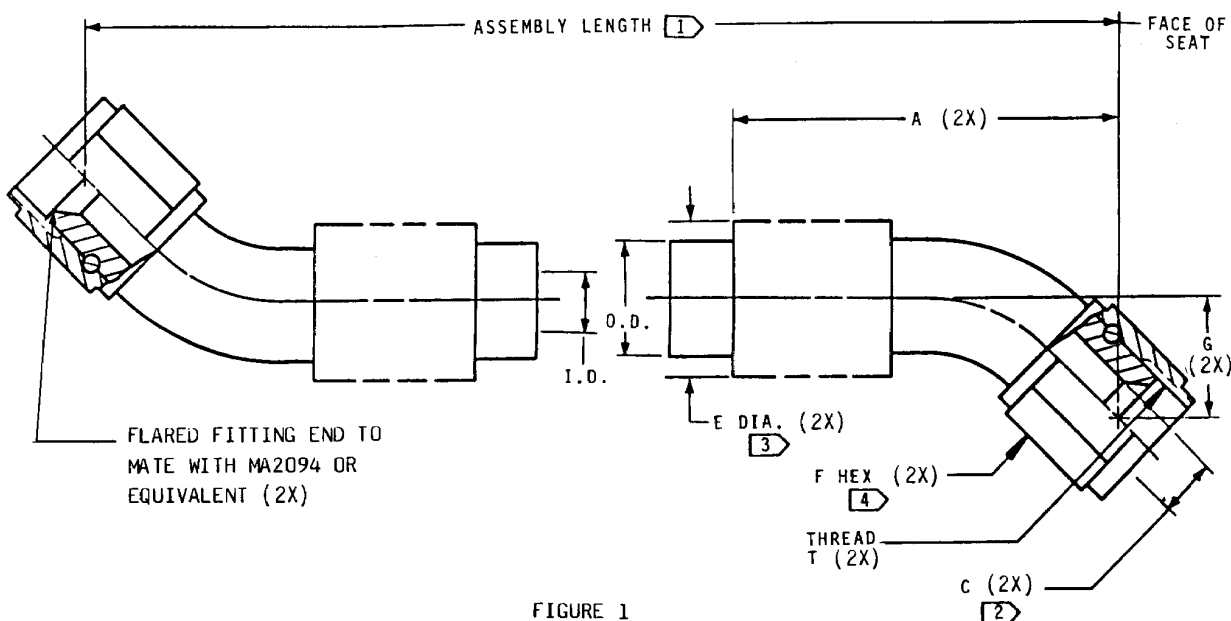


FIGURE 1

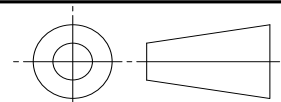
DIMENSIONS IN MILLIMETERS (mm)

TABLE 1

HOSE ASSEMBLY NO. AND SIZE CODE	SIZE REF	THREAD T PER AS1370 (ISO 5855) 4H-5H REF	I.D. MIN	A MAX	C (2) DRILL DIA MIN	E (3) DIA MAX WITHOUT SLEEVING	F HEX REF	G		BALL SIZE MIN THRU DIA (2)	
								MIN	MAX	MS 19059 DASH NO.	DIA MM
MA 2083E MA 2083G	6.0 9.5	MJ 12x1.25 MJ 16x1.5	5.38 7.57	52.83 58.17	3.43 6.10	17.53 20.32	14.22 17.53	7.112 9.398	11.430 14.351	4807 4812	2.768 4.775
MA 2083H MA 2083J	12.5 15.5	MJ 18x1.5 MJ 22x1.5	9.93 12.32	66.29 78.49	8.64 10.42	24.64 28.20	22.35 25.40	10.922 12.954	16.383 17.145	4816 4818	7.950 9.525
MA 2083K MA 2083M	19.0 25.0	MJ 27x1.5 MJ 33x1.5	15.29 21.64	87.38 95.25	12.95 19.30	35.06 42.17	31.75 38.10	14.986 19.304	18.288 20.828	4821 4829	11.912 18.262

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: MA2007



AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, CRES REINFORCED, 204 °C, 21,000 KPA, 60-DEG CONE, 45-DEG TO 45-DEG, LIGHTWEIGHT, METRIC

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Documents

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TABLE II

SLEEVE CODE	SLEEVE MATERIAL	TEMP LIMIT °C	TOLERANCE	HOSE OR SLEEVE OUTSIDE DIAMETER 5					
				HOSE SIZE					
				E	G	H	J	K	M
-	(--) INDICATES HOSE ONLY NO SLEEVE (AS 1624)	204	MAX MIN	9.91 9.14	12.45 11.56	15.62 14.86	18.54 17.53	25.15 24.13	32.26 31.24
A	ABRASION SLEEVE TUBULAR (TFE-AS1291 - CODE B) 6	204	MAX MIN	12.70 11.18	15.24 13.72	18.54 17.02	21.34 19.81	28.19 26.67	35.56 34.04
B	ABRASION SLEEVE COIL NYLON (AS1294) 7	135	MAX MIN	11.43 9.91	13.97 12.45	17.65 16.13	20.57 19.05	27.43 25.91	34.54 33.02
C	FIRE SLEEVE (AS1072 SIL-FG) (15 MIN) 8 9 13	204	MAX MIN	15.88 12.70	19.05 15.88	22.22 19.05	25.40 22.22	31.75 28.58	38.10 34.92
D	ABRASION SLEEVE SHRINK-ON (FEP) 11	177	MAX MIN	10.77 9.50	13.72 12.19	16.89 15.62	20.07 18.54	27.18 25.65	34.29 32.77
E	ABRASION SLEEVE SHRINK-ON (POLYOLEFIN AS1073 - CODE B) 11	135	MAX MIN	11.43 10.16	14.22 12.83	17.65 16.38	20.57 19.05	27.43 25.91	34.54 33.02
F	FIRE SLEEVE (AS1072 SIL-FG) (5 MIN) 8 9 12	204	MAX MIN	15.88 12.70	19.05 15.88	22.22 19.05	25.40 22.22	31.75 28.58	38.10 34.92
G	FIRE SLEEVE INTEGRAL SILICONE (15 MIN) (AS1722) 13	204	MAX MIN	16.76 15.24	18.92 17.40	22.73 21.21	25.53 24.00	30.99 29.46	38.48 36.96
H	FIRE SLEEVE INTEGRAL SILICONE (5 MIN) 12	204	MAX MIN	16.76 15.24	18.92 17.40	22.73 21.21	25.53 24.00	30.99 29.46	38.48 36.96
J	INTEGRAL ABRASION SLEEVE (BRAIDED) POLYESTER 10	177	MAX MIN	12.45 11.28	14.48 13.59	17.65 16.51	20.32 19.30	27.18 26.16	34.29 33.27
K	ABRASION SLEEVE COIL (PTFE-AS1293) 7	204	MAX MIN	12.70 11.18	15.24 13.72	18.54 17.02	21.90 20.37	28.19 26.67	35.56 34.04



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HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE,
CRES REINFORCED, 204 °C, 21,000 KPA, 60-DEG CONE,
45-DEG TO 45-DEG, LIGHTWEIGHT, METRIC

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