



**OPEN DIMENSIONAL INFORMATION**

PART NO.		NOM. SIZE	D SLOT WIDE MIN.	E SLOT ANGLE	X RET. HOLE DIA.	XZ RET. HOLE LOCATE	Y RET. HOLE DIA.	YZ RET. HOLE LOCATE	BRG. WT. (kg.)
PRECISION	COMPEN.								
FMN 05	FMCN 05	5	3.2	60	2.2	0	N / A	N / A	0.0034
FMN 08	FMCN 08	8	5.1	60	3	0	N / A	N / A	0.0077
FMN 10	FMCN 10	10	6.4	60	3	0	N / A	N / A	0.0119
FMN 12	FMCN 12	12	7.6	78	3	1.35	3	7	0.0156
FMN 16	FMCN 16	16	10.4	78	2.2	0	3	0	0.0213
FMN 20	FMCN 20	20	10.8	60	2.2	0	3	0	0.0439
FMN 25	FMCN 25	25	13.2	60	3	0	3	-1.51	0.0893
FMN 30	FMCN 30	30	14.2	72	3	0	3	2	0.146
FMN 40	FMCN 40	40	19.5	72	3	0	3	1.5	0.2948
FMN 50	FMCN 50	50	24.0	72	3	0	5	2.5	0.5202
FMN 60	FMCN 60	60	29.6	72	N / A	N / A	6	0	0.9199
FMN 80	FMCN 80	80	39.0	72	N / A	N / A	8	0	2.2269



**LOAD & SPEED DATA**

PART NO.	EFFECTIVE SURFACE AREA (SQ. CM)	MAX. STATIC LOAD (kg.)	
		FRELON	
		GOLD	F & J
FM 05	1.1	232	116
FM 08	2	420	210
FM 10	2.9	610	305
FM 12	3.8	806	403
FM 16	5.8	1210	605
FM 20	9	1890	945
FM 25	14.5	3046	1523
FM 30	20.4	4284	2142
FM 40	32	6720	3360
FM 50	50	10500	5250
FM 60	75	15750	7875
FM 80	132	27720	13860

• MAX. PV ( m/min. \*kg/sq. cm)  
 FrelonGOLD = 430 PV  
 FrelonF & FrelonJ = 215 PV  
 • MAX. Speed Running Dry (m/min.)  
 FrelonGOLD = 91.4  
 FrelonF & FrelonJ = 42.6  
 • MAX. Speed Running with Lubrication (m/min.)  
 FrelonGOLD = 251.5  
 FrelonF & FrelonJ = 122

Pillow Block Information.....50-51  
 Thin Wall Bearings .....52-53  
 Sleeve Bearings .....54-55  
 Die Set Bushings .....56  
 Flange Mounted Bearings .....57-59

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