



Features

- High torque at low speeds with smooth operation
- Orbital Rotor and Roller gear set providing low pressure start up with efficient and reliable operation
- Bi-directional rotation
- Rotation speed from 5 to 1950 rpm
- Continuous torque to 1900 N-m (1401 ft.-lbs)



Ordering Details

M	F	OS	50-	K1.2-	2A-	O10	SSF-	B-	P
Motor	Fixed Displacement	1	2	3	4	5	6	Bi-Directional Rotation	8

Reference Page		1	2	3	Reference Drawing Page				5	6	8	Frame Type	Drawing Page
Max. torque continuous	Max. Speed, continuous	Design Type	Volume	*Shaft Option	*Shaft Option	Flange Option	Flange Option	Wheel Mount	Port	Port Location			
Nm(Ft.-Lbs.)	rpm												
Competitors Comparable Models													
			Danfoss	Eaton/Char-Lynn	M+S				Parker	White			
11(8.1)	1950	OS	OMM	K0.6 J29T	2A	MM	2A1	-	O6		R or SSB	M 3	
16(11.8)	1550	OS	OMM	K0.6 J29T	2A	MM	2A1	-	O6		R or SSB	M 3	
25(18.4)	1000	OS	OMM	K0.6 J29T	2A	MM	2A1	-	O6		R or SSB	M 3	
40(29.5)	630	OS	OMM	K0.6 J29T	2A	MM	2A1	-	O6		R or SSB	M 3	
45(33)	500	OS	OMM	K0.6 J29T	2A	MM	2A1	-	O6		R or SSB	M 3	
55(40)	1500	OS	DH/151	K1 1015T	2A	MP	M4A	-	TC O10		WP/155	P 4	
72(53)	1250	ORS	OMP/DS	K1.2/103, 158	2A	MR	TC, TB, ME, MB, TE, TJ				WR/RS	S 5	
100(74)	1150	OS	DH	K1.2/101, 130	2A	MP	M4A	-	TC, TB		WP/155	P 4	
126(93)	667	ORD	65	K1/T1 6T	2A				TE, TC, TB	F	WG	E2 6	
146(107)	770	OS	DH	K1.2 1015T	2A	MP	M4A	-	TC O10		WP	P 4	
194(143)	810	ORD	151F	K1.2/T1 103, 104	2A	MLH	M4A	WTF, MB		F	500	3 7	
225(166)	800	ORD	OMS	K2000, 104, 106	2A	MSY	M4A	-	TG O10		RE/DH	Y 8	
242(178)	750	ORD	151E	K1.2/T1 103, 104	2A	MLH	M4A	WTF, MB		F	500	3 7	
290(214)	748	ORD	OMS	K2000, 104, 106	2A	MSY	M4A	W	TG O10	F	RE/DH	Y 8	
325(239)	360	ORD	OMR	K1.2/T1.2 14T	-	MR	M4A	WTC, TG		F	WR/RS	R 9	
360(265)	600	ORD	OMS	K2000, 104, 106	2A	MSY	M4A	W	TG O10		RE/DH	Y 8	
450(332)	625	ORD	151B	K1.5 1097T	4B	MLH	M4A	W	O12		500	4 12	
510(376)	366	ORS	OMH	K1.2 1014T	2A	MH	M4A	-	O10		SSF	H 10	
565(416)	765	ORD	200	K1.5/T1.7 17T	4C			W	O16		SSB	6 11	
625(461)	290	ORD	OMR	K1.2 14T	-	MR	M4A	WTC, TG		F	WR/RS	R 9	
670(494)	536	ORD	OMT	K1.4000, 6000	4B	MT		W	O12		SSB	T 13	
710(523)	610	ORD	250	K1.5/T1.7 17T	4C			W	O16		SSB	6 11	
810(597)	250	ORD	OMR	K1.2 14T	-	MR	M4A	WTC, TG		F	WR/RS	R 9	
920(678)	480	ORD	315	K1.5/T1.7 17T	4C			W	O16		SSB	6 11	
1008(743)	305	ORD	400	K1.5/T1.6 1097T	4B	M4A		W	O12		SSB	4 12	
1108(817)	500	ORD	151B	K1.5 1127T	4B	MLH		W	O16		SSB	5 14	
1385(1021)	400	ORD	151B	K1.5 1127T	4B	MLH		W	O16		SSB	5 14	
1570(1158)	315	ORD	151B	K1.5 1127T	4B	MLH		W	O16		SSB	5 14	
1773(1307)	250	ORD	151B	K1.5 1127T	4B	MLH		W	O16		SSB	5 14	
1900(1401)	160	ORD	151B	K1.5 1127T	4B	MLH		W	O16		SSB	5 14	
*Shaft Details												15	
Cross Port Relief valves and accessories												16	

Example Part Number: MFOS50-K1.2-2A-O10SSF-B-H