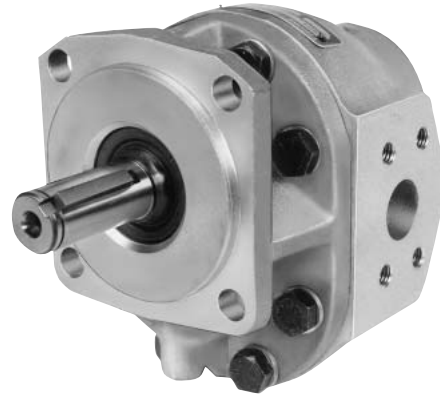


Specifications for M20 Series

M20 Features Include:

- Bearing drain is standard and allows operation in series circuits.
- Journal bearings for long life and good over-hung load capability
- Buna-N Seals are standards for petroleum and glycol based fluids “Viton®E” seals are optional.
- Pressure balanced plates for greater efficiency.



Description Gear Motors
 Flow Range To 98 GPM (370.9 LTR)
 Displacements To 9.10 C.I.R. (149.12 cc's / rev.)
 Maximum Pressure to 2500 PSI (172 BAR)
 Maximum Speed to 2500 RPM
 Rotation Bi-Directional
 Bearings Journal
 Construction Aluminum

Performance Data

MOTOR MODELS	DISPLACEMENT/REVOLUTION (THEORETICAL)					TORQUE PER 1000 PSID*				POWER AT MAX.		MAXIMUM LIMITS				
	US GALLONS	CUBIC INCHES	LITERS	CUBIC CM'S	IMPERIAL GALLONS	START		RUN		RPM/MAX.PSID*		RELIEF SETTING		CONTINUOUS		
						LB.IN.	NM	LB.IN.	NM	H.P.	KW	PSI	BAR	PSI	BAR	RPM
M20150	.0131	3.02	.050	49.85	.011	272	368	400	542	38	28.3	2500	172	1700	117	2500
M20200	.0175	4.04	.066	66.20	.015	384	520	588	797	50	37.3	2500	172	1700	117	2500
M20250	.0219	5.06	.083	82.92	.018	496	672	720	976	64	47.7	2500	172	1700	117	2500
M20300	.0262	6.05	.099	99.14	.022	608	824	880	1193	74	55.2	2500	172	1700	117	2500
M20350	.0306	7.07	.116	115.86	.025	720	976	1000	1355	90	67.1	2500	172	1700	117	2500
M20400	.0350	8.08	.133	132.41	.029	820	1111	1120	1518	105	78.3	2500	172	1700	117	2500
M20450	.0394	9.10	.149	149.12	.033	940	1274	1340	1816	124	92.5	2500	172	1700	117	2500

*Average values from performance curves.
 Available with Viton® Seals. All data based on SAE 10W oil at 135°F.



CAUTION: “If return line pressure exceeds 150 PSIG, the external bearing drain must be used.

MOTOR MODEL	For 'C' 2-Bolt & 'B' & 'C' 4-Bolt Flg.		SAE 4-BOLT CONN. PORT				Shipping Weights	
	A	B	Inlet		Outlet		lbs.	kgs.
			Conn. Sz.	Hole Dia.	Conn. Sz.	Hole Dia.		
M20150	104.6 (4.12)	167.8 (6.61)	1"	25.4 (1.00)	1"	25.4 (1.00)	19	8.62
M20200	104.6 (4.12)	167.8 (6.61)	1"	25.4 (1.00)	1"	25.4 (1.00)	20	9.07
M20250	104.6 (4.12)	167.8 (6.61)	1-1/4"	30.2 (1.25)	1-1/4"	30.2 (1.25)	21	9.53
M20300	104.6 (4.12)	167.8 (6.61)	1-1/4"	30.2 (1.25)	1-1/4"	30.2 (1.25)	22	9.98
M20350	110.4 (4.35)	182.3 (7.18)	1-1/2"	38.1 (1.50)	1-1/2"	38.1 (1.50)	23	10.4
M20400	110.4 (4.35)	189.7 (7.47)	1-1/2"	38.1 (1.50)	1-1/2"	38.1 (1.50)	24	10.9
M20450	118.3 (4.66)	196.8 (7.75)	1-1/2"	38.1 (1.50)	1-1/2"	38.1 (1.50)	25	11.3

SAE 4-Bolt Connector Ports					
Size	C	D	E	F	G
1"	12.9 (.51)	26.1 (1.031)	26.1 (1.03)	52.3 (2.062)	3/8-16NC
1-1/4"	14.9 (.59)	30.1 (1.188)	29.2 (1.15)	58.7 (2.313)	7/16-14NC
1-1/2"	17.7 (.70)	35.7 (1.406)	34.7 (1.37)	69.8 (2.750)	1/2-13NC

Inch equivalents for millimeter dimensions are shown in (**).

