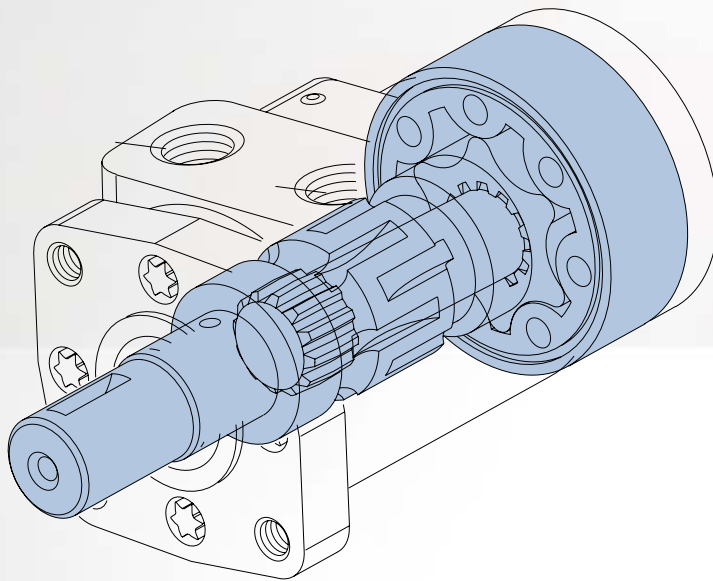


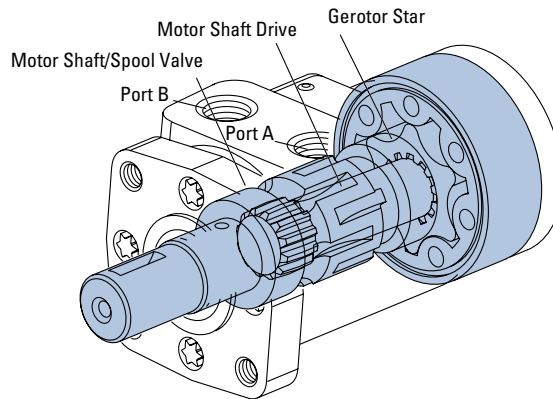
Spool Valve Hydraulic Motors **Series H**

11.2014



inspired hydraulics.

H Series (101-) Highlights


Features:

- Time-tested Char-Lynn drive set
- Three moving components (gerotor-star, drive, and shaft)
- Optimized drive running angle
- Three-zone pressure design (inlet, return and case)
- Variety of displacements, shafts and mounts
- Special options to meet customer needs

Benefits:

- High efficiency
- Powerful compact package
- Design flexibility
- Extended leak-free performance

Applications:

- Agricultural augers, harvesters, seeders
- Car wash brushes
- Food processing
- Railroad maintenance equipment
- Machine tools
- Conveyors
- Industrial sweepers and floor polishers
- Saw mill works
- Turf equipment
- Concrete and asphalt equipment
- Skid steer attachments
- Many more

Description

Designed for medium duty applications, these motors use industry-proven spool valve technology combined with state-of-the-art gerotors. In addition, a wide variety of mounting flanges, shafts, Ports and valving options provide design flexibility. Direction of shaft rotation and shaft speed can be controlled easily and smoothly throughout the speed range of the motor, and equipment can be driven direct, eliminating costly mechanical components.

Specifications

Gerotor Element	13 Displacements
Flow l/min [GPM]	57 [15] Continuous***
	76 [20] Intermittent**
Speed	Up to 1100 RPM
Pressure bar [PSI]	125 [1800] Cont.***
	165 [2400] Inter.**
Torque Nm [lb-in]	407 [3604] Cont.***
	520 [4600] Inter.**

*** Continuous—(Cont.) Continuous rating, motor may be run continuously at these ratings.
 ** Intermittent—(Inter.) Intermittent operation, 10% of every minute.



Conveyer



Combine



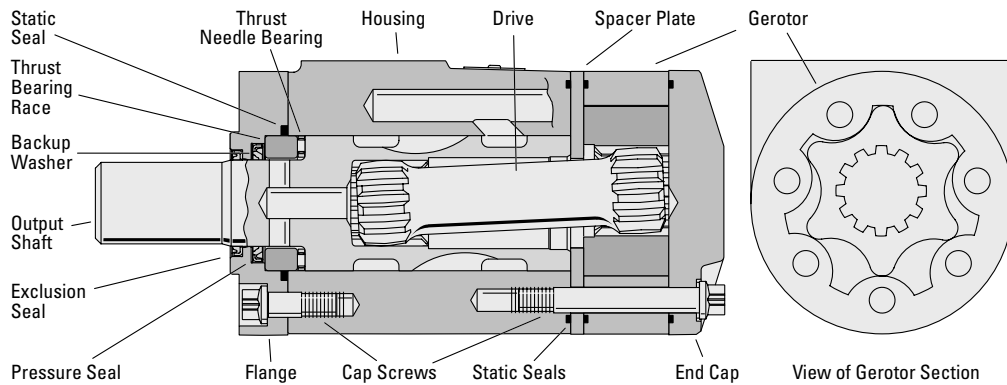
Sweeper



Salt and Sand Spreader



H Series (101-) Specifications



SPECIFICATION DATA — H MOTORS

Displ. cm ³ /r [in ³ /r]		36	46	59	74	97	120	146	159	185	231	293	370	739	
		[2.2]	[2.8]	[3.6]	[4.5]	[5.9]	[7.3]	[8.9]	[9.7]	[11.3]	[14.1]	[17.9]	[22.6]	[45.1]	
Max. Speed (RPM) @ Continuous Flow		1021	969	953	760	585	469	385	353	304	243	192	152	74	
Flow LPM	Continuous	38 [10]	45 [12]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]	57 [15]	
[GPM]	Intermittent	38 [10]	53 [14]	64 [17]	68 [18]	68 [18]	76 [20]	76 [20]	76 [20]	76 [20]	76 [20]	76 [20]	76 [20]	76 [20]	
Torque	Continuous	56	73	91	118	155	192	221	233	265	302	351	407	389	
Nm [lb-in]	Intermittent	75	99	122	158	207	257	300	319	356	415	466	484	520	
		[668]	[876]	[1076]	[1401]	[1829]	[2278]	[2653]	[2824]	[3151]	[3671]	[4121]	[4283]	[4600]	
Min. Starting Torque	@ Cont. Pressure	46	59	76	95	124	154	176	186	211	238	282	330	316	
		[410]	[520]	[670]	[840]	[1100]	[1360]	[1560]	[1650]	[1870]	[2110]	[2500]	[2920]	[2800]	
Torque	@ Int. Pressure	63	81	104	130	171	2102	46	262]	293	339	388	408	434	
Nm [lb-in]		[560]	[720]	[920]	[1150]	[1510]	[1860]	[2180]	[2320]	[2590]	[3000]	[3430]	[3610]	[3840]	
Pressure	Continuous	124	124	124	124	124	124	117	114	110	100	93	86	41	
ΔBar		[1800]	[1800]	[1800]	[1800]	[1800]	[1800]	[1700]	[1650]	[1600]	[1450]	[1350]	[1250]	[600]	
[Δ PSI]	Intermittent	165	165	165	165	165	165	159	155	148	138	124	103	55	
		[2400]	[2400]	[2400]	[2400]	[2400]	[2400]	[2300]	[2250]	[2150]	[2000]	[1800]	[1500]	[800]	
End Ported Units Only															
Δ Bar	Cont. Pressure	83	83	76	76	76	69	69	69	62	55	48	57	27	
[Δ PSI]		[1200]	[1200]	[1100]	[1100]	[1100]	[1000]	[1000]	[1000]	[900]	[800]	[700]	[825]	[396]	
	Intermittent	117	117	110	110	110	103	103	103	91	90	83	68	36	
		[1700]	[1700]	[1600]	[1600]	[1600]	[1500]	[1500]	[1500]	[1400]	[1300]	[1200]	[990]	[528]	
Weight kg [lb]		5,1	5,1	5,2	5,2	5,4	5,5	5,6	5,7	5,8	6,0	6,3	6,7	8,4	
		[11.2]	[11.2]	[11.5]	[11.5]	[11.8]	[12.1]	[12.4]	[12.5]	[12.8]	[13.3]	[14.0]	[14.7]	[18.6]	

A simultaneous maximum torque and maximum speed NOT recommended.

Note:

To assure best motor life, run motor for approximately one hour at 30% of rated pressure before application to full load. Be sure motor is filled with fluid prior to any load applications.

Note:

Δ pressure is derated for end ported units.

Maximum Inlet Pressure:

172 Bar [2500 PSI] without regard to Δ Bar [Δ PSI] and/or back pressure ratings or combination thereof.

6B splined or Tapered shafts are recommended whenever operation above 282 NM [2500 lb-in] of torque, especially for those applications subject to frequent reversals.

Δ Pressure:

The true Δ bar [Δ PSI] difference between inlet port and outlet port

Continuous Rating:

Motor may be run continuously at these ratings

Intermittent Operation:

10% of every minute

Recommended Fluids:

Recommended Fluids — Premium quality, anti-wear type hydraulic oil. Minimum oil viscosity (at operating temperature) should be the highest of the following:

$$100 \text{ SUS or } \left[\frac{300 \times \text{Bar}}{\text{RPM}} = \text{SUS} \right]$$

$$\left[\frac{20 \times \text{PSI}}{\text{RPM}} = \text{SUS} \right]$$

Recommended Maximum System Operating Temp.:

82°C [180°F]

Recommended Filtration:

per ISO Cleanliness Code 4406, level 20/18/13



H Series (101-)

Performance Data

Motors run with high efficiency in all areas designated with a number for torque and speed, however for best motor life select a motor to run with a torque and speed range printed in the light shaded area.

Performance data is typical at 120 SUS. Actual data may vary slightly from unit to unit in production.

	Continuous
	Intermittent

		36 cm ³ /r [2.2 in ³ /r]											
		Δ Pressure Bar [PSI]											
		Continuous										Max. Continuous	
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1800]	[2400]		
		14	28	41	55	69	83	97	110	124	165		
Flow LPM [GPM]	[2]	[49]	[103]	[162]	[189]	[270]	[325]	[379]	[432]	[489]	[650]		
	7,6	6	12	18	21	31	37	43	49	55	73		
	[4]	5	12	18	22	31	37	43	50	56	74		
		15,1	204	407	602	799	994	1189	1384	1579	1774	2323	
	[6]	[44]	[102]	[158]	[188]	[272]	[328]	[383]	[440]	[496]	[661]		
22,7	5	12	18	21	31	37	43	50	56	75			
[8]	5	12	18	21	31	37	43	50	56	75			
	30,3	817	1634	2451	3268	4085	4902	5719	6536	8378	10220		
Max. Continuous	[10]	[36]	[90]	[148]	[180]	[265]	[322]	[380]	[438]	[495]	[664]		
	37,9	4	10	17	20	30	36	43	49	56	75		
		1021	2042	3063	4084	5105	6126	7147	8168	9189	11561		

[90] } Torque [lb-in]
10 } Nm
1021 } Speed RPM

		46 cm ³ /r [2.8 in ³ /r]											
		Δ Pressure Bar [PSI]											
		Continuous										Max. Continuous	
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1800]	[2400]		
		14	28	41	55	69	83	97	110	124	165		
Flow LPM [GPM]	[2]	[64]	[136]	[212]	[284]	[355]	[426]	[497]	[567]	[641]	[852]		
	7,6	7	15	24	32	40	48	56	64	72	96		
	[4]	7	16	24	32	41	48	57	65	73	97		
		15,1	323	646	969	1292	1615	1938	2261	2584	3271	4138	
	[6]	[58]	[134]	[207]	[282]	[356]	[430]	[502]	[577]	[650]	[867]		
22,7	7	15	23	32	40	49	57	65	73	98			
[8]	7	15	23	32	40	49	57	65	73	98			
	30,3	648	1296	1944	2592	3240	3888	4536	5184	6776	8470		
[10]	5	13	22	30	39	48	56	65	73	98			
	37,9	808	1616	2424	3232	4040	4848	5656	6464	8416	10416		
Max. Continuous	[12]	[36]	[109]	[188]	[260]	[340]	[417]	[492]	[567]	[643]	[864]		
	45,4	4	12	21	29	38	47	56	64	73	98		
		969	1938	2907	3876	4845	5814	6783	7752	10136	12520		
Max. Intermittent	[14]	[25]	[98]	[175]	[249]	[327]	[404]	[484]	[559]	[634]	[852]		
	53,0	3	11	20	28	37	46	55	63	72	96		
		1127	2254	3381	4508	5635	6762	7889	9016	11621	14226		

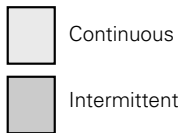


H Series (101-)

Performance Data

Motors run with high efficiency in all areas designated with a number for torque and speed, however for best motor life select a motor to run with a torque and speed range printed in the light shaded area.

Performance data is typical at 120 SUS. Actual data may vary slightly from unit to unit in production.



		59 cm ³ /r [3.6 in ³ /r] Pressure Bar [PSI] Continuous										Max. Contin- uous	Max. Inter- mittent	
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1800]	[2400]			
		14	28	41	55	69	83	97	110	124	165			
Flow LPM [GPM]	[2]	[79]	[169]	[260]	[305]	[437]	[526]	[616]	[704]	[796]	[1055]			
	7,6	9	19	29	34	49	59	70	80	90	119			
	[4]	127	125	123	121	117	114	109	103	96		[1065]		
		15,1	9	19	29	35	50	60	70	80	90	120		
	[6]	254	254	251	249	246	241	236	230	224		[1065]		
		22,7	8	18	28	34	50	60	70	80	91	121		
	[8]	381	381	380	377	373	368	364	358	349		[1069]		
		22,7	7	17	27	33	48	59	69	79	90	122		
	[10]	30,3	508	508	508	504	500	496	491	484	476	[1076]		
		37,9	6	16	26	32	47	58	68	78	89	121		
[12]	45,4	635	635	634	630	626	621	614	608	601	[1071]			
	45,4	5	15	26	31	46	57	67	77	88	120			
[14]	53,0	762	762	762	757	753	747	741	734	728	[1058]			
	45,4	4	13	24	30	45	56	66	76	87	119			
Max. Contin- uous	56,8	889	889	887	882	877	872	866	860	851	[1055]			
	56,8	3	13	23	29	44	55	65	76	86	119			
Max. Inter- mittent	75,7	953	953	951	945	940	935	929	921	913	[1055]			
	75,7	17	2	11	22	28	43	54	64	75	86			
		[1080]	[1080]	[1077]	[1071]	[1067]	[1062]	[1055]	[1049]	[1040]				

[111] Torque [lb-in]
13 Nm
953 Speed RPM

		74 cm ³ /r [4.5 in ³ /r] Pressure Bar [PSI] Continuous										Max. Contin- uous	Max. Inter- mittent	
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1800]	[2400]			
		14	28	41	55	69	83	97	110	124	165			
Flow LPM [GPM]	[2]	[103]	[220]	[339]	[454]	[569]	[685]	[801]	[916]	[1036]	[1373]			
	7,6	12	25	38	51	64	77	91	103	117	155			
	[4]	101	99	98	96	93	90	86	81	76		[1386]		
		15,1	11	25	38	52	65	78	91	105	118	157		
	[6]	203	201	199	197	194	191	187	182	177		[1386]		
		22,7	9	24	37	51	65	78	91	104	118	157		
	[8]	30,3	305	303	301	298	296	292	288	283	276	[1392]		
		22,7	8	22	36	49	63	76	90	103	117	158		
	[10]	37,9	406	404	402	399	396	393	388	383	377	[1401]		
		37,9	7	21	35	48	62	75	89	102	116	158		
[12]	45,4	507	505	502	499	496	492	486	482	476	[1394]			
	45,4	5	19	33	46	60	74	87	101	114	156			
[14]	53,0	608	606	603	600	596	591	587	581	576	[1377]			
	45,4	4	17	31	45	58	72	86	99	113	155			
Max. Contin- uous	56,8	709	706	702	698	694	691	686	681	674	[1374]			
	56,8	3	16	30	44	57	71	85	99	113	155			
Max. Inter- mittent	75,7	760	757	753	749	744	740	735	729	723	[1373]			
	75,7	14	2	14	26	40	54	69	82	97	111			
		[904]	[902]	[898]	[895]	[891]	[887]	[882]	[877]	[869]				

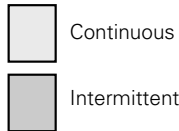


H Series (101-)

Performance Data

Motors run with high efficiency in all areas designated with a number for torque and speed, however for best motor life select a motor to run with a torque and speed range printed in the light shaded area.

Performance data is typical at 120 SUS. Actual data may vary slightly from unit to unit in production.



		97 cm ³ /r [5.9 in ³ /r]										Max. Contin-uous		Max. Inter-mittent	
		Δ Pressure Bar [PSI]													
		Continuous													
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1800]	[2400]				
		14	28	41	55	69	83	97	110	124	165				
Flow LPM [GPM]	[2]	[134]	[292]	[442]	[593]	[746]	[899]	[1054]	[1209]	[1365]	[1806]	Max. Contin-uous	Max. Inter-mittent	[1806]	[2400]
	7,6	15 78	33 76	50 75	67 75	84 71	102 68	119 65	137 61	154 55	204 33				
	[4]	[131]	[281]	[436]	[596]	[750]	[903]	[1059]	[1212]	[1367]	[1828]				
	15,1	15 156	32 155	49 153	67 151	85 149	102 147	120 143	137 139	154 134	207 113				
	[6]	[126]	[269]	[425]	[588]	[747]	[900]	[1054]	[1206]	[1368]	[1823]				
	22,7	14 234	30 233	48 231	66 230	84 228	102 224	119 221	137 217	155 210	206 189				
	[8]	[110]	[246]	[408]	[566]	[718]	[873]	[1023]	[1177]	[1339]	[1829]				
	30,3	12 112	28 28	46 310	64 308	81 305	99 303	116 300	133 295	151 291	207 269				
	[10]	[96]	[231]	[392]	[539]	[699]	[859]	[1005]	[1156]	[1318]	[1821]				
	37,9	11 390	26 389	44 387	61 385	79 383	97 380	114 376	131 371	149 368	206 346				
[12]	[77]	[218]	[378]	[522]	[681]	[844]	[990]	[1142]	[1301]	[1792]					
45,4	9 468	25 467	43 465	59 463	77 460	95 457	112 453	129 449	147 445	202 421					
[14]	[60]	[197]	[358]	[513]	[662]	[828]	[973]	[1131]	[1293]	[1776]					
53,0	7 546	22 544	40 542	58 539	75 537	94 535	110 531	128 526	146 521	201 499					
[15]	[52]	[189]	[346]	[495]	[651]	[819]	[963]	[1126]	[1286]	[1778]					
56,8	6 585	21 583	39 581	56 578	74 575	93 573	109 569	127 564	145 559	201 536					
[20]	[25]	[157]	[311]	[455]	[625]	[790]	[941]	[1110]	[1272]						
75,7	3 701	18 700	35 697	51 694	71 691	89 688	106 684	125 681	144 674						

[189] Torque [lb-in]
21 Nm
583 Speed RPM

		120 cm ³ /r [7.3 in ³ /r]										Max. Contin-uous		Max. Inter-mittent	
		Δ Pressure Bar [PSI]													
		Continuous													
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1800]	[2400]				
		14	28	41	55	69	83	97	110	124	165				
Flow LPM [GPM]	[2]	[162]	[357]	[544]	[736]	[927]	[1116]	[1305]	[1498]	[1687]	[2231]	Max. Contin-uous	Max. Inter-mittent	[2205]	[2400]
	7,6	18 62	40 61	61 61	83 61	105 58	126 55	147 53	169 49	191 45	252 26				
	[4]	[160]	[348]	[539]	[736]	[930]	[1119]	[1316]	[1506]	[1698]	[2268]				
	15,1	18 125	39 124	61 123	83 121	105 120	126 119	149 116	170 114	192 110	256 90				
	[6]	[155]	[338]	[530]	[729]	[923]	[1116]	[1310]	[1500]	[1699]	[2271]				
	22,7	18 188	38 187	60 186	82 185	104 183	126 180	148 178	169 175	192 170	257 152				
	[8]	[139]	[319]	[515]	[710]	[901]	[1094]	[1283]	[1476]	[1673]	[2278]				
	30,3	16 250	36 250	58 249	80 247	102 245	124 243	145 241	167 237	189 233	257 216				
	[10]	[121]	[303]	[497]	[686]	[883]	[1081]	[1267]	[1460]	[1655]	[2268]				
	37,9	14 313	34 312	56 311	78 309	100 308	122 306	143 302	165 300	187 296	256 278				
[12]	[102]	[288]	[480]	[664]	[862]	[1060]	[1246]	[1440]	[1640]	[2232]					
45,4	12 375	33 374	54 373	75 371	97 370	120 367	141 365	163 361	185 358	252 338					
[14]	[78]	[263]	[458]	[652]	[841]	[1041]	[1228]	[1420]	[1616]	[2213]					
53,0	9 438	30 437	52 435	74 433	95 431	118 430	139 427	160 423	183 419	250 401					
[15]	[67]	[253]	[446]	[632]	[828]	[1030]	[1214]	[1411]	[1608]	[2205]					
56,8	8 469	29 468	50 466	71 464	94 462	116 460	137 458	159 454	182 450	249 430					
[20]	[20]	[202]	[384]	[581]	[778]	[971]	[1169]	[1356]	[1559]						
75,7	2 626	23 624	43 621	66 618	88 617	110 614	132 611	153 609	176 606						





H Series (101-)

Performance Data

Motors run with high efficiency in all areas designated with a number for torque and speed, however for best motor life select a motor to run with a torque and speed range printed in the light shaded area.

Performance data is typical at 120 SUS. Actual data may vary slightly from unit to unit in production.

 Continuous
 Intermittent

		146 cm ³ /r [8.9 in ³ /r] Δ Pressure Bar [PSI] Continuous										Max. Contin-uous	Max. Inter-mittent
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1700]	[2300]		
		14	28	41	55	69	83	97	110	117	159		
Flow LPM [GPM]	[2]	[198]	[435]	[664]	[897]	[1130]	[1361]	[1591]	[1827]	[1942]	[2611]		
	7,6	22	49	75	101	128	154	180	206	219	295		
	15,1	[196]	[424]	[657]	[898]	[1133]	[1365]	[1604]	[1836]	[1954]	[2648]		
		22	48	74	101	128	154	181	207	221	299		
	22,7	[189]	[412]	[646]	[889]	[1125]	[1361]	[1598]	[1829]	[1951]	[2653]		
		154	153	152	151	150	148	146	143	141	300		
	30,3	[169]	[389]	[628]	[866]	[1098]	[1333]	[1564]	[1799]	[1919]	[2649]		
		19	44	71	98	124	151	177	203	217	299		
	37,9	[148]	[369]	[605]	[836]	[1076]	[1318]	[1544]	[1780]	[1899]	[2789]		
		21	47	73	100	127	154	180	207	220	315		
45,4	[125]	[351]	[586]	[810]	[1051]	[1293]	[1519]	[1756]	[1878]	[2606]			
	14	40	66	92	119	146	172	198	212	294			
53,0	[95]	[321]	[558]	[795]	[1026]	[1290]	[1497]	[1731]	[1851]	[2580]			
	11	36	63	90	116	146	169	196	209	292			
Max. Contin-uous	[15]	[82]	[308]	[544]	[771]	[1010]	[1256]	[1480]	[1720]	[1840]	[2569]		
	9	35	61	87	114	142	167	194	208	290			
Max. Inter-mittent	[20]	[24]	[246]	[468]	[708]	[948]	[1184]	[1425]	[1653]	[1780]			
	3	28	53	80	107	134	161	187	201	292			

		159 cm ³ /r [9.7 in ³ /r] Δ Pressure Bar [PSI] Continuous										Max. Contin-uous	Max. Inter-mittent
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1650]	[2250]		
		14	28	41	55	69	83	97	110	134	155		
Flow LPM [GPM]	[2]	[209]	[465]	[715]	[973]	[1228]	[1478]	[1724]	[1981]	[2046]	[2764]		
	7,6	24	53	81	110	139	167	195	224	231	312		
	15,1	[210]	[460]	[710]	[971]	[1229]	[1480]	[1745]	[1996]	[2059]	[2813]		
		24	52	80	110	139	167	197	226	233	318		
	22,7	[205]	[454]	[704]	[965]	[1216]	[1477]	[1738]	[1991]	[2055]	[2824]		
		23	51	80	109	137	167	196	225	232	319		
	30,3	[186]	[440]	[693]	[951]	[1205]	[1461]	[1716]	[1973]	[2038]	[2808]		
		21	50	78	107	136	165	194	223	230	317		
	37,9	[164]	[422]	[671]	[930]	[1189]	[1451]	[1702]	[1965]	[2032]	[2789]		
		19	48	76	105	134	164	192	219	230	315		
45,4	[144]	[404]	[652]	[900]	[1163]	[1421]	[1674]	[1937]	[2004]	[2770]			
	16	46	74	102	131	161	189	219	226	313			
53,0	[109]	[374]	[623]	[883]	[1140]	[1396]	[1653]	[1900]	[1963]	[2727]			
	12	42	70	100	129	158	187	215	222	308			
Max. Contin-uous	[15]	[92]	[359]	[612]	[861]	[1123]	[1381]	[1633]	[1886]	[1950]	[2712]		
	10	41	69	97	127	156	185	213	220	306			
Max. Inter-mittent	[20]	[26]	[268]	[510]	[772]	[1034]	[1290]	[1553]	[1802]	[1885]			
	3	30	58	87	117	146	175	204	211	292			

[359] } Torque [lb-in]
 41 } Nm
 352 } Speed RPM



H Series (101-)

Performance Data

Motors run with high efficiency in all areas designated with a number for torque and speed, however for best motor life select a motor to run with a torque and speed range printed in the light shaded area.

Performance data is typical at 120 SUS. Actual data may vary slightly from unit to unit in production.

	Continuous
	Intermittent

		185 cm ³ /r [11.3 in ³ /r]										Max. Continuous	Max. Intermittent
		Δ Pressure Bar [PSI]											
		Continuous											
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1800]			
		14	28	41	55	69	83	97	110			[2150]	148
Flow LPM [GPM]	[2]	[257]	[554]	[847]	[1150]	[1447]	[1739]	[2035]	[2320]			[3103]	351
	7,6	29	63	96	130	163	196	230	262			351	12
	[4]	[254]	[546]	[845]	[1145]	[1448]	[1744]	[2049]	[2343]			[3147]	356
		15,1	29	62	95	129	164	197	232	265			356
	[6]	[246]	[540]	[834]	[1137]	[1434]	[1736]	[2036]	[2337]			[3151]	356
		22,7	28	61	94	128	162	196	230	264			356
	[8]	[224]	[520]	[820]	[1117]	[1414]	[1716]	[2014]	[2315]			[3133]	354
		30,3	25	59	93	126	160	194	228	262			354
	[10]	[202]	[499]	[793]	[1095]	[1394]	[1699]	[1997]	[2299]			[3112]	352
		37,9	23	56	90	124	158	192	226	260			352
[12]	[176]	[475]	[767]	[1063]	[1368]	[1664]	[1969]	[2268]			[3088]	349	
	45,4	20	54	87	120	155	188	222	256			349	222
[14]	[140]	[443]	[735]	[1035]	[1340]	[1637]	[1936]	[2227]			[3051]	345	
	53,0	16	50	83	117	151	185	219	252			345	262
Max. Continuous	[15]	[120]	[425]	[719]	[1014]	[1320]	[1618]	[1914]	[2205]			[3023]	342
	56,8	14	48	81	115	149	183	216	249			342	283
Max. Intermittent	[20]	[27]	[321]	[612]	[911]	[1211]	[1504]	[1795]					
	75,7	3	36	69	103	137	170	203					

		231 cm ³ /r [14.1 in ³ /r]										Max. Continuous	Max. Intermittent
		Δ Pressure Bar [PSI]											
		Continuous											
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1400]	[1600]	[1800]			
		14	28	41	55	69	83	97	110			[2000]	138
Flow LPM [GPM]	[2]	[338]	[707]	[1074]	[1456]	[1827]	[2192]	[2572]	[2657]				
	7,6	38	80	121	165	206	248	291	300				
	[4]	[328]	[695]	[1076]	[1447]	[1827]	[2201]	[2577]	[2669]			[3671]	415
		15,1	37	79	122	163	206	249	291	302			415
	[6]	[317]	[687]	[1057]	[1434]	[1811]	[2186]	[2555]	[2650]			[3668]	414
		22,7	36	76	119	162	205	247	289	299			414
	[8]	[289]	[659]	[1038]	[1406]	[1777]	[2160]	[2531]	[2625]			[3644]	412
		30,3	33	74	117	159	201	244	286	297			412
	[10]	[265]	[631]	[1004]	[1381]	[1751]	[2131]	[2510]	[2602]			[3608]	408
		37,9	30	71	113	156	198	241	284	294			408
[12]	[230]	[599]	[968]	[1345]	[1722]	[2088]	[2480]	[2571]			[3571]	403	
	45,4	26	68	109	152	195	236	280	290			403	178
[14]	[191]	[563]	[927]	[1299]	[1686]	[2058]	[2428]	[2519]			[3532]	399	
	53,0	22	64	105	147	190	233	274	285			399	212
Max. Continuous	[15]	[167]	[538]	[904]	[1279]	[1661]	[2030]	[2404]	[2493]			[3488]	394
	56,8	19	61	102	145	188	229	272	282			394	229
Max. Intermittent	[20]	[29]	[411]	[785]	[1152]	[1520]	[1877]	[2222]	[2318]				
	75,7	3	46	89	130	172	212	251	262				

[538] } Torque [lb-in]
61 } Nm
243 } Speed RPM





H Series (101-)

Performance Data

Motors run with high efficiency in all areas designated with a number for torque and speed, however for best motor life select a motor to run with a torque and speed range printed in the light shaded area.

Performance data is typical at 120 SUS. Actual data may vary slightly from unit to unit in production.

 Continuous
 Intermittent

		293 cm ³ /r [17.9 in ³ /r] Δ Pressure Bar [PSI]							Max. Continuous	Max. Intermittent
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1350]	[1800]	
		14	28	41	55	69	83	93	124	
Flow LPM [GPM]	[2]	[427]	[893]	[1361]	[1829]	[2293]	[2672]	[2977]		
	7,6	48	101	154	207	259	302	336		
	[4]	26	25	25	24	22	16	13		
		15,1	[419]	[886]	[1362]	[1833]	[2305]	[2771]	[3110]	[4107]
	[6]	47	100	154	207	260	313	351	464	
		22,7	51	51	51	50	49	44	22	
	[8]	[402]	[872]	[1342]	[1819]	[2291]	[2757]	[3098]	[4121]	
		45	99	152	206	259	312	350	466	
	[10]	77	77	76	76	74	71	68	54	
		30,3	[367]	[838]	[1316]	[1785]	[2252]	[2723]	[3070]	[4086]
[12]	41	95	149	202	254	308	347	462		
	37,9	102	102	102	101	100	98	84		
[14]	[332]	[803]	[1276]	[1749]	[2215]	[2684]	[3034]	[4061]		
	38	91	144	198	250	303	343	459		
[15]	128	128	128	127	126	123	120	108		
	45,4	[289]	[760]	[1230]	[1706]	[2177]	[2634]	[2989]	[4012]	
Max. Continuous	53,0	33	86	139	193	246	298	338	453	
	56,8	153	153	153	153	151	149	146	135	
Max. Intermittent	[211]	[683]	[1149]	[1623]	[2096]	[2558]	[2905]	[3914]		
	75,7	24	77	130	183	237	289	328	442	
		192	192	192	191	190	188	185	174	
		[43]	[527]	[1001]	[1463]	[1919]	[2375]	[2720]		
		5	60	113	165	217	268	307		
		256	256	255	255	254	252	249		

		370 cm ³ /r [22.6 in ³ /r] Δ Pressure Bar [PSI]							Max. Continuous	Max. Intermittent			739 cm ³ /r [45.1 in ³ /r] Δ Pressure Bar [PSI]				Max. Continuous	Max. Intermittent
		[200]	[400]	[600]	[800]	[1000]	[1200]	[1250]	[1500]	[200]	[400]	[600]	[800]	[200]	[400]	[600]	[800]	
		14	28	41	55	69	83	86	103	14	28	41	55	14	28	41	55	
Flow LPM [GPM]	[2]	[537]	[1121]	[1715]	[2285]	[2862]				[2]	[1080]	[2250]	[3440]	[4570]				
	7,6	61	127	194	258	323				7,6	122	254	389	516				
	[4]	20	20	20	19	16					20	20	19	16	9			
		15,1	[532]	[1123]	[1715]	[2308]	[2893]	[3467]	[3604]	[4274]	[4]	[1070]	[2250]	[3440]	[4600]			
	[6]	60	127	194	261	327	392	407	477	483	15,1	121	254	389	520			
		22,7	40	40	39	38	36	35	27	27	22,7	20	20	19	18			
	[8]	[508]	[1100]	[1693]	[2294]	[2884]	[3458]	[3598]	[4283]	484	[6]	[1020]	[2200]	[3390]	[4590]			
		57	124	191	259	326	391	407	477	484	22,7	115	249	383	519			
	[10]	61	61	60	58	55	53	47	47	47	[8]	[945]	[2135]	[3330]	[4515]			
		30,3	[463]	[1060]	[1661]	[2255]	[2840]	[3414]	[3557]	[4254]	30,3	107	241	376	510			
[12]	52	120	188	255	321	386	402	477	481	[10]	[840]	[2050]	[3250]	[4430]				
	37,9	81	81	80	79	76	74	68	68	37,9	95	232	367	501				
[14]	[414]	[1017]	[1613]	[2203]	[2788]	[3363]	[3506]	[4212]	476	[12]	[740]	[1945]	[3130]	[4320]				
	47	115	182	249	315	380	396	476	476	45,4	84	220	354	488				
[15]	101	101	101	99	96	94	88	88	88	53,0	74	196	328	467				
	45,4	[363]	[960]	[1553]	[2152]	[2737]	[3305]	[3446]	[4152]	53,0	60	59	58	55				
Max. Continuous	53,0	34	101	168	236	301	367	383	462	[14]	[630]	[1820]	[3005]	[4195]				
	56,8	142	142	142	142	140	137	136	130	53,0	71	206	340	474				
Max. Intermittent	[266]	[862]	[1452]	[2050]	[2630]	[3206]	[3347]	[4054]	458	[15]	[540]	[1735]	[2905]	[4130]				
	75,7	30	97	164	232	297	362	378	458	75,7	61	196	328	467				
		152	152	152	150	148	147	140	140		74	74	73	72				
		[61]	[671]	[1269]	[1847]	[2410]	[2987]	[3119]			[143]	[1350]	[2565]	[3705]				
		7	76	143	209	272	337	352			16	153	290	419				
		202	202	202	202	202	199	198			99	98	97	96				

[862] Torque [lb-in]
 97 Nm
 152 Speed RPM



H Series (101-)

Dimensions

(Refer to pages B-4-19 thru B-4-22 for shaft and port dimensions.)

Standard Rotation Viewed from Shaft End

Port A Pressurized — CW
Port B Pressurized — CCW

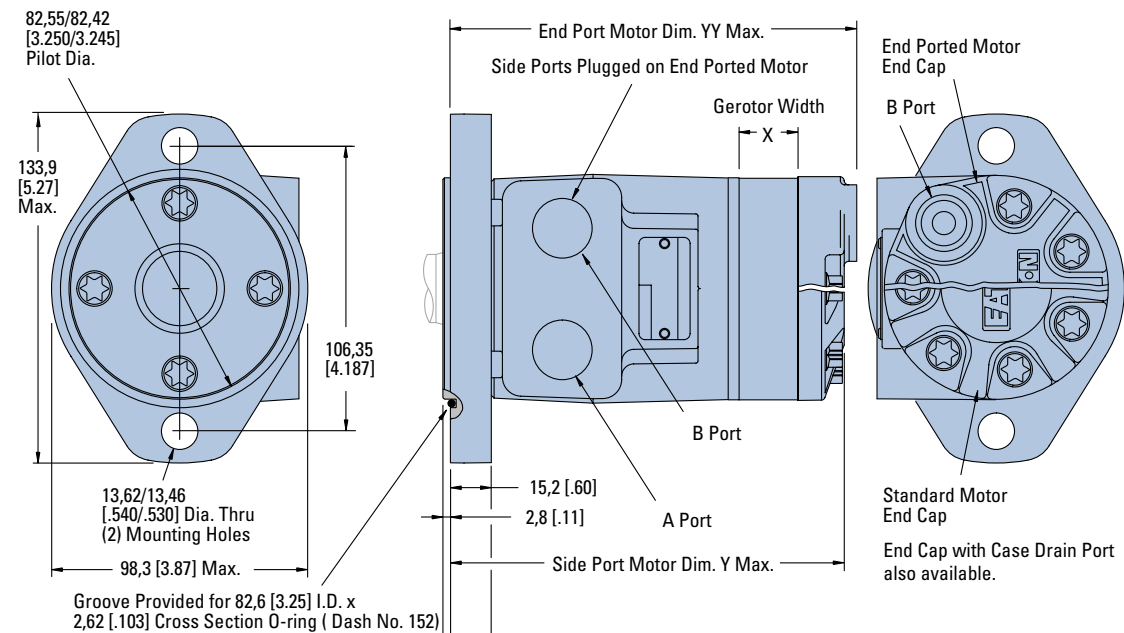
Note:

Mounting surface flatness requirement is \square , 13 mm [.005 inch] Max.

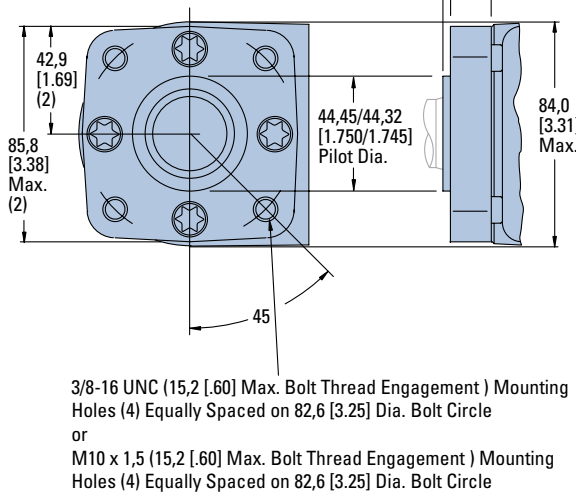
Note:

End ported motor pressure is derated. Reference page B-2-2 for ratings.

2 Bolt Flange



4 Bolt Flange



2 AND 4 BOLT FLANGE

Displacement cm ³ /r [in ³ /r]	X mm [inch]	Y mm [inch]	YY mm [inch]
36 [2.2]	6,4 [.25]	132,1 [5.20]	138,5 [5.45]
46 [2.8]	6,4 [.25]	132,1 [5.20]	138,5 [5.45]
59 [3.6]	10,2 [.40]	135,9 [5.35]	142,3 [5.60]
74 [4.5]	10,2 [.40]	135,9 [5.35]	142,3 [5.60]
97 [5.9]	13,2 [.52]	139,0 [5.47]	145,3 [5.72]
120 [7.3]	16,5 [.65]	142,3 [5.60]	148,6 [5.85]
146 [8.9]	20,1 [.79]	145,8 [5.74]	152,2 [5.99]
159 [9.7]	21,9 [.86]	147,6 [5.81]	154,0 [6.06]
185 [11.3]	25,4 [1.00]	151,2 [5.95]	157,5 [6.20]
231 [14.1]	31,8 [1.25]	157,5 [6.20]	
293 [17.9]	40,4 [1.59]	166,2 [6.54]	
370 [22.6]	50,8 [2.00]	176,6 [6.95]	
739 [45.1]	101,6 [4.00]	227,4 [8.95]	



H Series (101-) Product Numbers

Use digit prefix —101- plus four digit number from charts for complete product number—Example 101-1001. Orders will not be accepted without three digit prefix.

2 Bolt Flange

SHAFT	PORT SIZE	DISPL. cm ³ /r [in ³ /r] / PRODUCT NUMBER												
		36 [2.2]	46 [2.8]	59 [3.6]	74 [4.5]	97 [5.9]	120 [7.3]	146 [8.9]	159 [9.7]	185 [11.3]	231 [14.1]	293 [17.9]	370 [22.6]	740 [45.0]
.1 in. Straight w/Woodruff key	7/8-14 O-Ring	101-1700	-1033	-1701	-1034	-1035	-1702	-1703	-1036	-1037	-1038	-1039	-1040	—
	1/2 NPTF	101-1704	-1025	-1705	-1026	-1027	-1706	-1707	-1028	-1029	-1030	-1031	-1032	—
1 in. SAE 6B Splined	Manifold*	101-1708	-1041	-1709	-1042	-1043	-1710	-1711	-1044	-1045	-1046	-1047	-1048	—
	7/8-14 O-Ring	101-1721	-1081	-1722	-1082	-1083	-1723	-1724	-1084	-1085	-1086	-1087	-1088	—
1 in. Straight w/.31 Dia. Crosshole	1/2 NPTF	101-1725	-1073	-1726	-1074	-1075	-1727	-1728	-1076	-1077	-1078	-1079	-1080	—
	Manifold*	101-1729	-1089	-1730	-1090	-1091	-1731	-1732	-1092	-1093	-1094	-1095	-1096	—
1 in. Straight w/.40 Dia. Crosshole	7/8-14 O-Ring	101-1796	-1797	-1798	-1799	-1800	-1801	-1802	-1803	—	—	—	—	—
	1/2 NPTF	101-1804	-1805	-1806	-1807	-1808	-1809	-1810	—	—	—	—	—	—
1 in. Straight w/.40 Dia. Crosshole	Manifold*	101-1811	-1812	-1813	-1814	-1815	-1816	-1817	-1818	—	—	—	—	—
	7/8-14 O-Ring	101-1819	-1323	-1820	-1324	-1325	-1821	-1822	-1326	—	—	—	—	—
1 in. Straight w/.40 Dia. Crosshole	1/2 NPTF	101-1823	-1319	-1824	-1320	-1825	-1826	-1827	-1828	—	—	—	—	—
	Manifold*	101-1829	-1463	-1830	-1831	-1832	-1833	-1834	-1871	—	—	—	—	—

101-1834

4 Bolt Flange

SHAFT	PORT SIZE	DISPL. cm ³ /r [in ³ /r] / PRODUCT NUMBER												
		36 [2.2]	46 [2.8]	59 [3.6]	74 [4.5]	97 [5.9]	120 [7.3]	146 [8.9]	159 [9.7]	185 [11.3]	231 [14.1]	293 [17.9]	370 [22.6]	740 [45.0]
1 in. Straight w/Woodruff key	7/8-14 O-Ring	101-1749	-1009	-1750	-1010	-1011	-1751	-1752	-1012	-1013	-1014	-1015	-1016	—
	1/2 NPTF	101-1753	-1001	-1754	-1002	-1003	-1755	-1756	-1004	-1005	-1006	-1007	-1008	—
1 in. SAE 6B Splined	Manifold*	101-1757	-1017	-1758	-1018	-1019	-1759	-1760	-1020	-1021	-1022	-1023	-1024	—
	7/8-14 O-Ring	101-1761	-1057	-1762	-1058	-1059	-1763	-1764	-1060	-1061	-1062	-1063	-1064	—
1 in. Straight w/.31 Dia. Crosshole	1/2 NPTF	101-1764	-1049	-1765	-1050	-1051	-1766	-1767	-1052	-1053	-1054	-1055	-1056	—
	Manifold*	101-1768	-1065	-1769	-1066	-1067	-1770	-1771	-1068	-1069	-1070	-1071	-1072	—
1 in. Straight w/.40 Dia. Crosshole	7/8-14 O-Ring	101-1835	-1836	-1837	-1838	-1839	-1840	-1841	-1842	—	—	—	—	—
	1/2 NPTF	101-1843	-1497	-1844	-1449	-1352	-1845	-1846	-1847	—	—	—	—	—
1 in. Straight w/.40 Dia. Crosshole	Manifold*	101-1848	-1466	-1849	-1459	-1850	-1851	-1852	-1853	—	—	—	—	—
	7/8-14 O-Ring	101-1854	-1311	-1855	-1856	-1857	-1858	-1859	-1860	—	—	—	—	—
1 in. Straight w/.40 Dia. Crosshole	1/2 NPTF	101-1861	-1313	-1862	-1312	-1314	-1863	-1864	-1315	—	—	—	—	—
	Manifold*	101-1865	-1305	-1866	-1306	-1307	-1867	-1868	-1869	—	—	—	—	—

101-1868

4 Bolt Flange with Corrosion Protection

SHAFT	PORT SIZE	DISPL. cm ³ /r [in ³ /r] / PRODUCT NUMBER												
		36 [2.2]	46 [2.8]	59 [3.6]	74 [4.5]	97 [5.9]	120 [7.3]	146 [8.9]	159 [9.7]	185 [11.3]	231 [14.1]	293 [17.9]	370 [22.6]	740 [45.0]
1 in. Straight w/Woodruff Key	1/2 NPTF	101-2032	-2014	-2093	-2027	-2013	-2094	-2095	-2015	-2028	-2029	-2030	-2031	—
	Manifold*		-2067							-2068	-2069			

*Manifold product numbers shown are for motors with four 5/16-18 port face mounting threads. Manifold, manifold mounting O-Rings and bolts are NOT included.

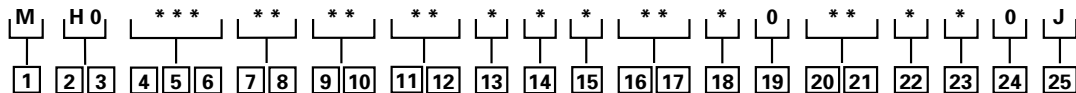
For H Series Motors with a configuration Not Shown in the charts above: Use the model code system on page B-2-11 to specify the product in detail.



H Series (101-)

Model Code

The following 25-digit coding system has been developed to identify all of the configuration options for the H motor. Use this model code to specify a motor with the desired features. All 25-digits of the code must be present when ordering. You may want to photocopy the matrix below to ensure that each number is entered in the correct box.



1 Product
M - Motor

2, **3** Series
H0 - H Motor

4, **5**, **6** Displacement
cm³/r [in³/r]

022 - 36 [2.2]†

028 - 46 [2.8]

035 - 58 [3.5]†

045 - 74 [4.5]

059 - 96 [5.9]

073 - 120 [7.3]

089 - 146 [8.9]

097 - 159 [9.7]

113 - 185 [11.3]

141 - 231 [14.1]

179 - 294 [17.9]

226 - 370 [22.6]

451 - 739 [45.1]

†The H Series motors with displacement code "022" or "035" must also specify free running gerotor (option "AA" in position 11,12).

7, **8** Mounting Type

AA - 2 Bolt (Standard)
82.50 [3.248] Dia. x 3.05 [1.20] Pilot, 13.59 [535] Dia. Mounting Holes on 106.35 [4.187] Dia. B.C.

BA - 4 Bolt (Standard)
44.40 [1.748] Dia. x 3.05 [1.20] Pilot, .375-16 UNC-2B Mounting Holes on 82.55 [3.250] Dia. B.C.

CA - 2 Bolt (Standard)
82.50 [3.248] Dia. x 6.10 [2.40] Pilot, 10.41 [4.10] Dia. Mounting Holes on 106.35 [4.187] Dia. B.C. (SAE A)

DD - 2 Bolt (Standard)
101.60 [4.000] Dia. x 6.10 [2.40] Pilot, 14.35 [565] Dia. Mounting Holes on 146.05 [5.750] Dia. B.C. (SAE B)

FA - 4 Bolt (Standard)
44.40 [1.748] Dia. x 3.05 [1.20] Pilot, M10 x 1.5-6H Mounting Holes on 82.55 [3.250] Dia. B.C.

GA - 4 Bolt (Round) 82.50 [3.248] Dia. x 6.35 [250] Pilot, 19.05 [750] Dia. Mounting Holes on 109.48 [4.310] Dia. B.C.

9, **10** Output Shaft

01 - 25.4 [1.00] Dia. Straight, Woodruff Key, .250-20 UNC-2B Hole in Shaft End

02 - 25.4 [1.00] Dia. SAE 6B Spline, .250-20 UNC-2B Hole in Shaft End

07 - 25.4 [1.00] Dia. Straight, 8.03 [316] Dia. Cross Hole 11.2 [44] from End, 5.6 [22] Extra Length

08 - 25.4 [1.00] Dia. Straight, 10.31 [406] Dia. Cross Hole 15.7 [62] from End, .250-20 UNC-2B Hole in Shaft End

16 - 22.22 [.875] Dia. SAE 13 Tooth Spline (SAE B)

17 - 22.22 [.875] Dia. Straight, 6.4 [.25] x 19.0 [75] Square Key (SAE B)

18 - 25.4 [1.00] Dia. Tapered, Woodruff Key and Nut, 34.92 [1.375] Taper Length

24 - 25.00 [.984] Dia. Straight, 8.00 [315] KEY, M8 x 1.25-6H Hole in Shaft End

11, **12** Ports

AA - .875-14 UNF-2B SAE O-Ring Ports

AB - .500-14 NPTF Dry Seal Pipe Thread Ports

AC - Manifold Ports (.3125-18 UNC-2B Mounting Holes)

AD - Manifold Ports (M8 x 1.25-6H Mounting Holes)

AF - G 1/2 BSP Straight Thread Ports

EB†† - End Ports: .750-16 UNF-2B SAE O-Ring Ports

EC†† - End Ports: G 1/2 BSP Straight Thread Ports
†† Note: End ported motor pressure is derated. Reference page B-2-2 for ratings.

13 Case Flow Options

0 - None

1 - .4375-20 UNF-2B SAE O-Ring Port (End Cap)

2 - G 1/4 BSP Straight THD Port (End Cap)

A - Internal Check Valves

14 Gerotor Options

0 - None

A - Free Running

15 Shaft Options

0 - None

N - Electroless Nickel Plated

16, **17** Seal Options

00 - Standard Seals

02 - Seal Guard

03 - Viton Seals

04 - Viton Shaft Seal

05 - Vented Two-Stage Seal

07 - High Pressure Shaft Seal

18 Speed Sensor Options

0 - None

A - Digital Speed Pickup (15 Pulse), No Lead Wire with M12 Connector (A=Power, B=Common, C=Signal)

B - Magnetic Speed Pickup (60 Pulse by Quadrature), No Lead Wire with M12 Connector (A=Power, B=Common, C=Signal)

19 Manifold Block Options

0 - None

* - Contact your Eaton Sales Representative for available options.

20, **21** Special Features (Hardware)

00 - None

AB - Low Speed Valving

SS - Stainless Steel Flange Bolts

22 Special Features (Assembly)

0 - None

1 - Reverse Rotation

2 - Flange Rotated 90°

23 Paint/ Special Packaging

0 - No Paint

A - Painted Low Gloss Black

D - Environmental Coated Gloss White

F - Environmental Coated Black

24 Eaton Assigned Code when Applicable

0 - Assigned Code

25 Eaton Assigned Design Code

J - Nine (9)

Feature in **bold** are preferred and allow for shorter lead time.

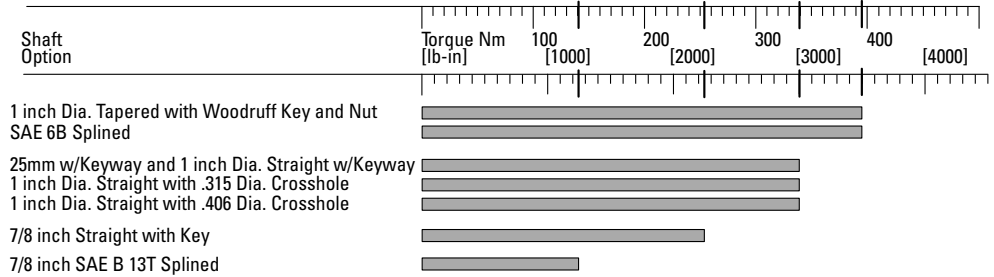


H, S and T Series (101, 103- 158, 185)

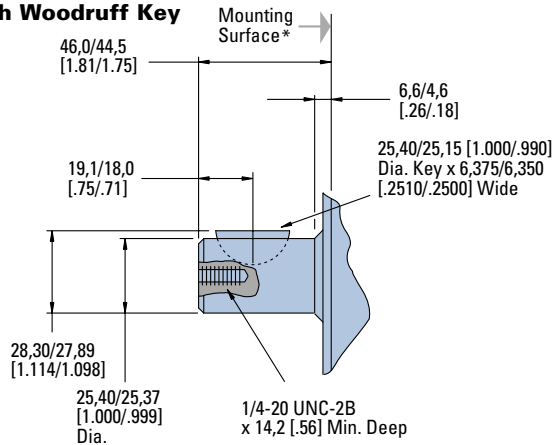
Dimensions

Shafts

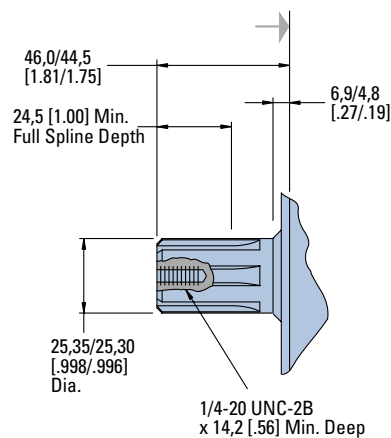
Shaft Size Motor Torque Combination Limit Guide



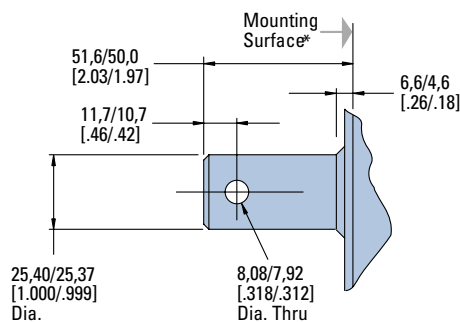
1 in. Dia. Straight with Woodruff Key



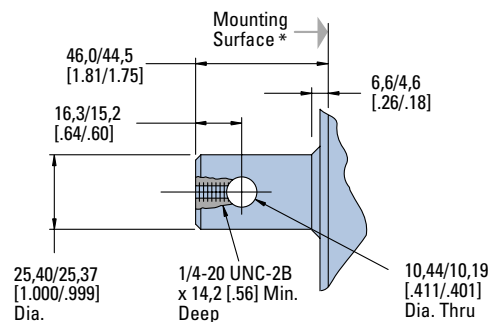
SAE 6B Splined Shaft



1 in. Dia. Straight Shaft with .315 Dia. Crosshole



1 in. Dia. Straight Shaft with .406 Dia. Crosshole



* 2 Bolt SAE B mounting flange has a greater pilot thickness and a thinner mounting plate (end of shaft to flange, add 3,3 [.13]).

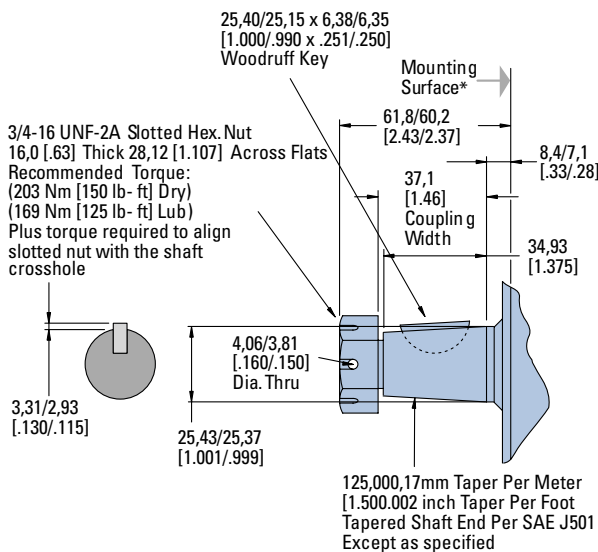


H, S and T Series (101-, 103- 158-, 185-)

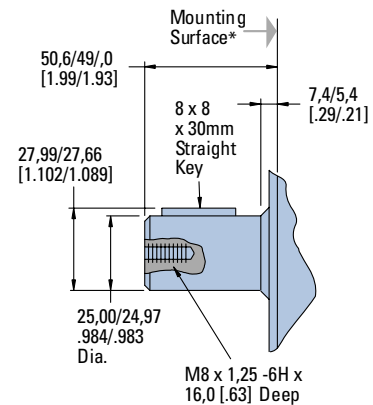
Dimensions

Shafts

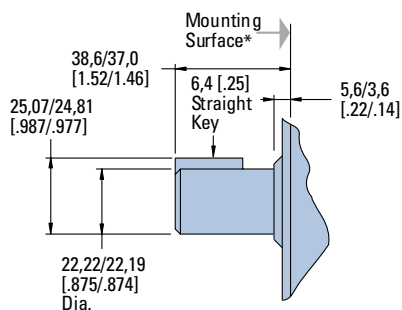
1 in. Dia. Tapered Shaft with Woodruff Key and Nut



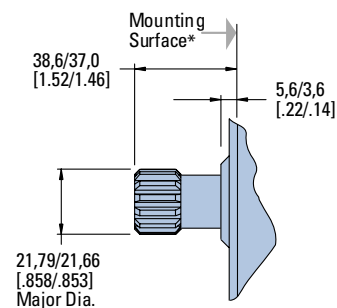
25mm Dia. Straight Shaft with 8mm Keyway



7/8 in. Dia. Straight Shaft with Key



7/8 in. Dia. SAE B Shaft 13 T Spline d



* 2 Bolt SAE B mounting flange has a greater pilot thickness and a thinner mounting plate (end of shaft to flange, add 3,3 [.13]).



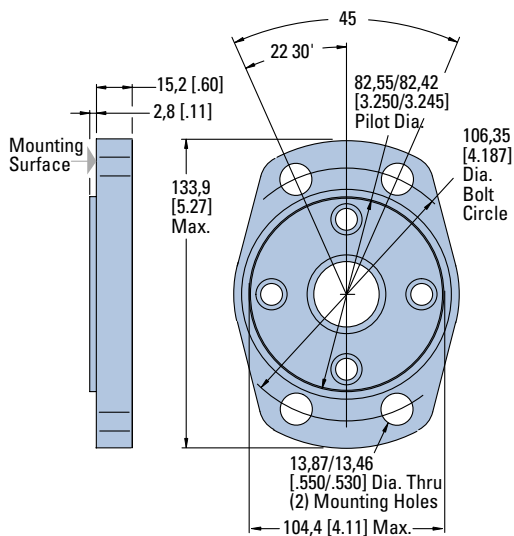
H, S and T Series (101-, 103- 158-, 185-)

Mounting Options

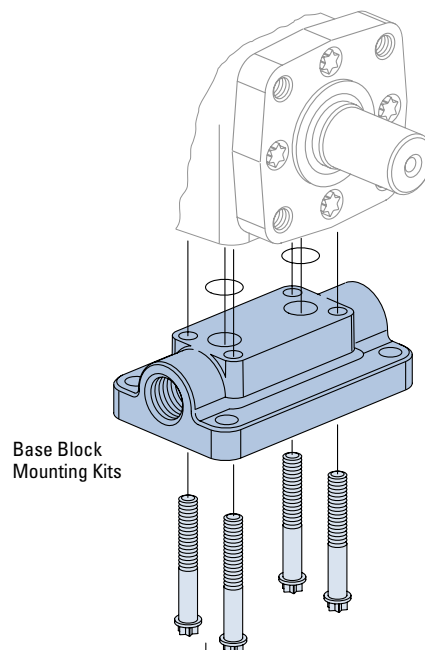
Note:

Mounting Surface Flatness Requirement is ∇ ,13mm [.005 inch] Max.

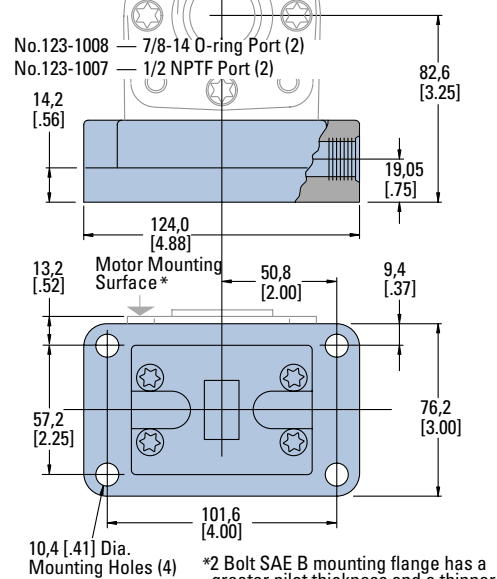
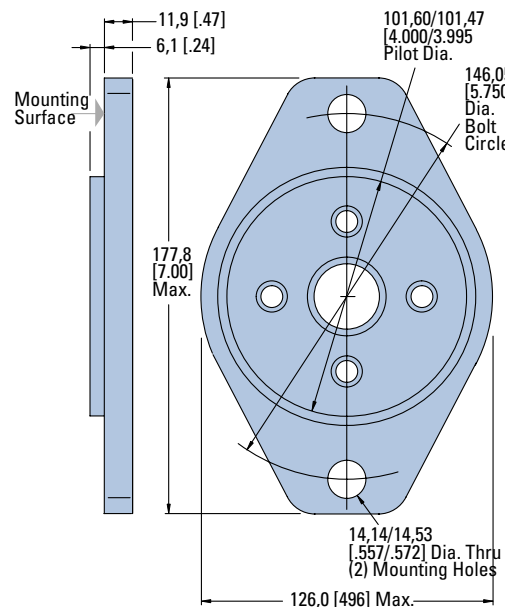
4 Bolt Magneto



Base Block Mounting Kits



2 Bolt SAE B





H, S and T Series (101-, 103-, 158-, 185-)

Dimensions

Ports

Ports

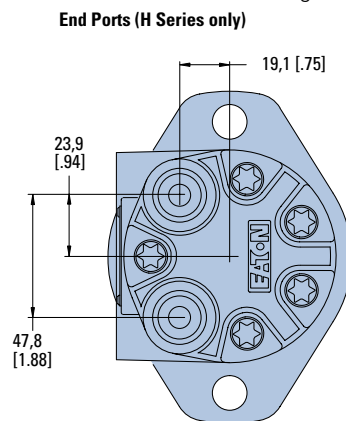
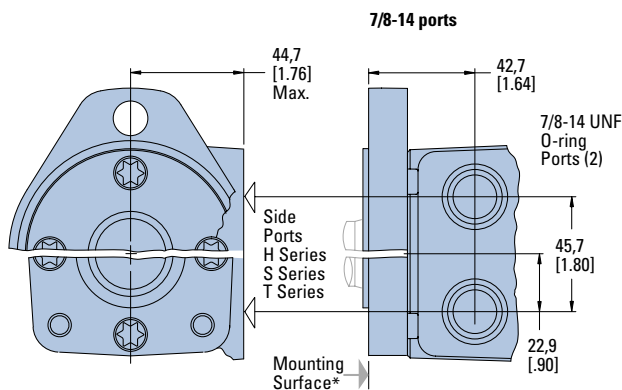
End Ports — H Series only
G 1/2 (BSP) (2)
or 3/4-16 O-Ring (2)

Standard Rotation Viewed from Drive End

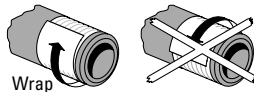
Port A Pressurized — CW
Port B Pressurized — CCW

Note:

End ported motor pressure is derated. Reference page B-2-2 for ratings.



Use of Teflon Tape Sealant/
Lubricant (with 1/2 14 NPTF
Port Connectors only).



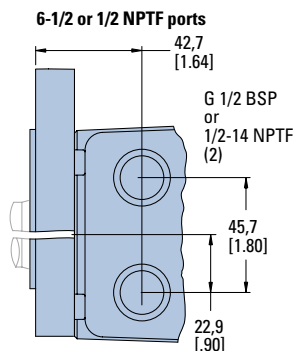
When using fittings with
Teflon tape, be careful
when taping and tightening.
Over tightening or
improperly taped fittings
can cause damage to
housing or leakage.

Use the following procedures:

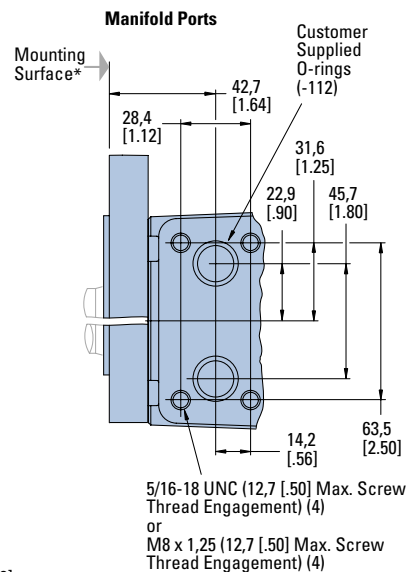
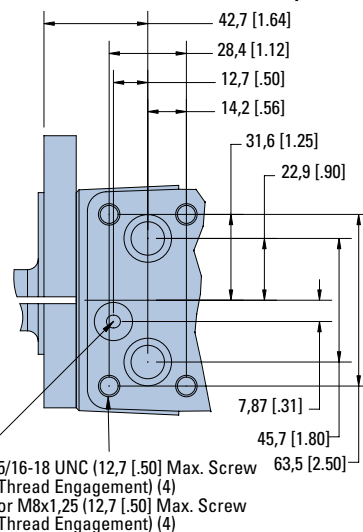
- Wrap approx. 1 1/2 Turns of 13 mm [1/2 in.] wide Teflon Tape around fitting threads — start tape 2 threads up from end of fitting.
- Tighten threads to a Maximum of 34 Nm [25 lb-ft]. — Do Not Tighten Further —
- If fittings leak when tightened to maximum torque, either retape, reseal, or replace fittings.

Optional Case Drain
Port Location
(T-Series Only)

*2 Bolt SAE B mounting flange has a greater pilot thickness and a thinner mounting plate.



Manifold Ports w/manifold case port



Note:

End ported motor option is derated to 1400 continuous, 1700 psi intermittent.



Order Numbers

FT Article Number	Eaton Code	Type
1248318	101-1001	CHAR-LYNN MOTOR SERIE H
1248319	101-1002	CHAR-LYNN MOTOR SERIE H
1248320	101-1003	CHAR-LYNN MOTOR SERIE H
1248321	101-1004	CHAR-LYNN MOTOR SERIE H
1248322	101-1005	CHAR-LYNN MOTOR SERIE H
1248323	101-1006	CHAR-LYNN MOTOR SERIE H
1248324	101-1007	CHAR-LYNN MOTOR SERIE H
1248325	101-1008	CHAR-LYNN MOTOR SERIE H
1248326	101-1009	CHAR-LYNN MOTOR SERIE H
1410749	101-1010	CHAR-LYNN MOTOR SERIE H
1248328	101-1011	CHAR-LYNN MOTOR SERIE H
1248331	101-1015	CHAR-LYNN MOTOR SERIE H
1248332	101-1016	CHAR-LYNN MOTOR SERIE H
1428763	101-1018	CHAR-LYNN MOTOR SERIE H
1248335	101-1019	CHAR-LYNN MOTOR SERIE H
1430332	101-1024	CHAR-LYNN MOTOR SERIE H
1248336	101-1025	CHAR-LYNN MOTOR SERIE H
1420035	101-1026	CHAR-LYNN MOTOR SERIE H
1248338	101-1027	CHAR-LYNN MOTOR SERIE H
1417864	101-1028	CHAR-LYNN MOTOR SERIE H
1248340	101-1029	CHAR-LYNN MOTOR SERIE H
1248341	101-1030	CHAR-LYNN MOTOR SERIE H
1424181	101-1032	CHAR-LYNN MOTOR SERIE H
1248343	101-1033	CHAR-LYNN MOTOR SERIE H
1248345	101-1035	CHAR-LYNN MOTOR SERIE H
1323974	101-1040	CHAR-LYNN MOTOR SERIE H
1422635	101-1042	CHAR-LYNN MOTOR SERIE H
1248346	101-1045	CHAR-LYNN MOTOR SERIE H
1422113	101-1049	CHAR-LYNN MOTOR SERIE H
1317902	101-1050	CHAR-LYNN MOTOR SERIE H
1420757	101-1051	CHAR-LYNN MOTOR SERIE H
1422059	101-1052	CHAR-LYNN MOTOR SERIE H
1339724	101-1059	CHAR-LYNN MOTOR SERIE H
1430933	101-1065	CHAR-LYNN MOTOR SERIE H
1248347	101-1066	CHAR-LYNN MOTOR SERIE H
1434645	101-1074	CHAR-LYNN MOTOR SERIE H
1426733	101-1077	CHAR-LYNN MOTOR SERIE H
1423761	101-1082	CHAR-LYNN MOTOR SERIE H
1420724	101-1084	CHAR-LYNN MOTOR SERIE H
1418659	101-1088	CHAR-LYNN MOTOR SERIE H
1420682	101-1090	CHAR-LYNN MOTOR SERIE H
1420758	101-1266	CHAR-LYNN MOTOR SERIE H
1428202	101-1268	CHAR-LYNN MOTOR SERIE H
1248350	101-1270	CHAR-LYNN MOTOR SERIE H
1284348	101-1272	CHAR-LYNN MOTOR SERIE H
1420900	101-1281	CHAR-LYNN MOTOR SERIE H
1248351	101-1290	CHAR-LYNN MOTOR SERIE H
1428762	101-1291	CHAR-LYNN MOTOR SERIE H
1248352	101-1293	CHAR-LYNN MOTOR SERIE H
1432973	101-1306	CHAR-LYNN MOTOR SERIE H
1428958	101-1315	CHAR-LYNN MOTOR SERIE H
1248353	101-1405	CHAR-LYNN MOTOR SERIE H


Order Numbers

FT Article Number	Eaton Code	Type
1248355	101-1449	CHAR-LYNN MOTOR SERIE H
1248356	101-1459	CHAR-LYNN MOTOR SERIE H
1248358	101-1478	CHAR-LYNN MOTOR SERIE H
1422413	101-1497	CHAR-LYNN MOTOR SERIE H
1248359	101-1516	CHAR-LYNN MOTOR SERIE H
1248360	101-1522	CHAR-LYNN MOTOR SERIE H
1422172	101-1548	CHAR-LYNN MOTOR SERIE H
1248361	101-1572	CHAR-LYNN MOTOR SERIE H
1248362	101-1573	CHAR-LYNN MOTOR SERIE H
1248363	101-1574	CHAR-LYNN MOTOR SERIE H
1248365	101-1580	CHAR-LYNN MOTOR SERIE H
1270399	101-1582	CHAR-LYNN MOTOR SERIE H
1296570	101-1583	CHAR-LYNN MOTOR SERIE H
1248366	101-1596	CHAR-LYNN MOTOR SERIE H
1416616	101-1597	CHAR-LYNN MOTOR SERIE H
1248367	101-1598	CHAR-LYNN MOTOR SERIE H
1253664	101-1599	CHAR-LYNN MOTOR SERIE H
1339725	101-1602	CHAR-LYNN MOTOR SERIE H
1248368	101-1613	CHAR-LYNN MOTOR SERIE H
1339140	101-1620	CHAR-LYNN MOTOR SERIE H
1248370	101-1622	CHAR-LYNN MOTOR SERIE H
1248371	101-1623	CHAR-LYNN MOTOR SERIE H
1248372	101-1628	CHAR-LYNN MOTOR SERIE H
1248373	101-1629	CHAR-LYNN MOTOR SERIE H
1428427	101-1629	CHAR-LYNN MOTOR SERIE H
1248374	101-1630	CHAR-LYNN MOTOR SERIE H
1427425	101-1630	CHAR-LYNN MOTOR SERIE H
1428339	101-1630	CHAR-LYNN MOTOR SERIE H
1248375	101-1631	CHAR-LYNN MOTOR SERIE H
1428426	101-1631	CHAR-LYNN MOTOR SERIE H
1248376	101-1632	CHAR-LYNN MOTOR SERIE H
1297671	101-1633	CHAR-LYNN MOTOR SERIE H
1420110	101-1634	CHAR-LYNN MOTOR SERIE H
1248377	101-1635	CHAR-LYNN MOTOR SERIE H
1428428	101-1635	CHAR-LYNN MOTOR SERIE H
1427968	101-1636	CHAR-LYNN MOTOR SERIE H
1248378	101-1637	CHAR-LYNN MOTOR SERIE H
1417838	101-1639	CHAR-LYNN MOTOR SERIE H
1248379	101-1640	CHAR-LYNN MOTOR SERIE H
1427969	101-1643	CHAR-LYNN MOTOR SERIE H
1248380	101-1644	CHAR-LYNN MOTOR SERIE H
1248381	101-1645	CHAR-LYNN MOTOR SERIE H
1248382	101-1646	CHAR-LYNN MOTOR SERIE H
1248383	101-1647	CHAR-LYNN MOTOR SERIE H
1248384	101-1648	CHAR-LYNN MOTOR SERIE H
1248385	101-1649	CHAR-LYNN MOTOR SERIE H
1248386	101-1650	CHAR-LYNN MOTOR SERIE H
1248387	101-1651	CHAR-LYNN MOTOR SERIE H
1248388	101-1652	CHAR-LYNN MOTOR SERIE H
1248389	101-1653	CHAR-LYNN MOTOR SERIE H
1248390	101-1654	CHAR-LYNN MOTOR SERIE H
1248391	101-1655	CHAR-LYNN MOTOR SERIE H



Order Numbers

FT Article Number	Eaton Code	Type
1248392	101-1656	CHAR-LYNN MOTOR SERIE H
1248393	101-1657	CHAR-LYNN MOTOR SERIE H
1418555	101-1658	CHAR-LYNN MOTOR SERIE H
1248395	101-1659	CHAR-LYNN MOTOR SERIE H
1248396	101-1660	CHAR-LYNN MOTOR SERIE H
1248397	101-1661	CHAR-LYNN MOTOR SERIE H
1248398	101-1662	CHAR-LYNN MOTOR SERIE H
1248399	101-1663	CHAR-LYNN MOTOR SERIE H
1248400	101-1664	CHAR-LYNN MOTOR SERIE H
1248401	101-1665	CHAR-LYNN MOTOR SERIE H
1248402	101-1666	CHAR-LYNN MOTOR SERIE H
1248403	101-1667	CHAR-LYNN MOTOR SERIE H
1426568	101-1688	CHAR-LYNN MOTOR SERIE H
1432811	101-1700	CHAR-LYNN MOTOR SERIE H
1430824	101-1704	CHAR-LYNN MOTOR SERIE H
1248404	101-1705	CHAR-LYNN MOTOR SERIE H
1421911	101-1732	CHAR-LYNN MOTOR SERIE H
1428856	101-1735	CHAR-LYNN MOTOR SERIE H
1248405	101-1737	CHAR-LYNN MOTOR SERIE H
1248406	101-1738	CHAR-LYNN MOTOR SERIE H
1248407	101-1739	CHAR-LYNN MOTOR SERIE H
1248408	101-1740	CHAR-LYNN MOTOR SERIE H
1248411	101-1743	CHAR-LYNN MOTOR SERIE H
1248412	101-1744	CHAR-LYNN MOTOR SERIE H
1248413	101-1745	CHAR-LYNN MOTOR SERIE H
1248414	101-1746	CHAR-LYNN MOTOR SERIE H
1248415	101-1747	CHAR-LYNN MOTOR SERIE H
1248416	101-1748	CHAR-LYNN MOTOR SERIE H
1424425	101-1749	CHAR-LYNN MOTOR SERIE H
1248417	101-1755	CHAR-LYNN MOTOR SERIE H
1428857	101-1766	CHAR-LYNN MOTOR SERIE H
1248418	101-1776	CHAR-LYNN MOTOR SERIE H
1248419	101-1788	CHAR-LYNN MOTOR SERIE H
1277863	101-1789	CHAR-LYNN MOTOR SERIE H
1428335	101-1790	CHAR-LYNN MOTOR SERIE H
1248421	101-1792	CHAR-LYNN MOTOR SERIE H
1248422	101-1793	CHAR-LYNN MOTOR SERIE H
1248423	101-1794	CHAR-LYNN MOTOR SERIE H
1248426	101-1850	CHAR-LYNN MOTOR SERIE H
1428206	101-2012	CHAR-LYNN MOTOR SERIE H
1420111	101-2015	CHAR-LYNN MOTOR SERIE H
1418264	101-2023	CHAR-LYNN MOTOR SERIE H
1339726	101-2027	CHAR-LYNN MOTOR SERIE H
1248428	101-2030	CHAR-LYNN MOTOR SERIE H
1248429	101-2036	CHAR-LYNN MOTOR SERIE H
1413719	101-2038	CHAR-LYNN MOTOR SERIE H
1412965	101-2085	CHAR-LYNN MOTOR SERIE H
1433720	101-2110	CHAR-LYNN MOTOR SERIE H
1429052	101-2116	CHAR-LYNN MOTOR SERIE H
1248432	101-2124	CHAR-LYNN MOTOR SERIE H
1248433	101-2125	CHAR-LYNN MOTOR SERIE H
1248434	101-2148	CHAR-LYNN MOTOR SERIE H



Order Numbers

FT Article Number	Eaton Code	Type
1248435	101-2149	CHAR-LYNN MOTOR SERIE H
1248436	101-2150	CHAR-LYNN MOTOR SERIE H
1248437	101-2158	CHAR-LYNN MOTOR SERIE H
1248438	101-2159	CHAR-LYNN MOTOR SERIE H
1248439	101-2160	CHAR-LYNN MOTOR SERIE H
1248440	101-2161	CHAR-LYNN MOTOR SERIE H
1424141	101-2161	CHAR-LYNN MOTOR SERIE H
1248441	101-2162	CHAR-LYNN MOTOR SERIE H
1248442	101-2163	CHAR-LYNN MOTOR SERIE H
1248443	101-2164	CHAR-LYNN MOTOR SERIE H
1416695	101-2253	CHAR-LYNN MOTOR SERIE H
1248444	101-2254	CHAR-LYNN MOTOR SERIE H
1248445	101-2255	CHAR-LYNN MOTOR SERIE H
1417755	101-2344	CHAR-LYNN MOTOR SERIE H
1430536	101-2368	CHAR-LYNN MOTOR SERIE H
1337487	101-2378	CHAR-LYNN MOTOR SERIE H
1248446	101-2398	CHAR-LYNN MOTOR SERIE H
1434472	101-2403	CHAR-LYNN MOTOR SERIE H
1291402	101-2428	CHAR-LYNN MOTOR SERIE H
1417137	101-2452	CHAR-LYNN MOTOR SERIE H
1248449	101-2489	CHAR-LYNN MOTOR SERIE H
1248450	101-2544	CHAR-LYNN MOTOR SERIE H
1248451	101-2545	CHAR-LYNN MOTOR SERIE H
1248452	101-2546	CHAR-LYNN MOTOR SERIE H
1299771	101-254X	CHAR-LYNN MOTOR SERIE H
1419726	101-2551	CHAR-LYNN MOTOR SERIE H
1248453	101-2559	CHAR-LYNN MOTOR SERIE H
1431214	101-2574	CHAR-LYNN MOTOR SERIE H
1248454	101-2592	CHAR-LYNN MOTOR SERIE H
1248455	101-2593	CHAR-LYNN MOTOR SERIE H
1248456	101-2594	CHAR-LYNN MOTOR SERIE H
1248457	101-2595	CHAR-LYNN MOTOR SERIE H
1426025	101-2639	CHAR-LYNN MOTOR SERIE H
1430689	101-2654	CHAR-LYNN MOTOR SERIE H
1422229	101-2664	CHAR-LYNN MOTOR SERIE H
1227067	101-2693	CHAR-LYNN MOTOR SERIE H
1430844	101-2776	CHAR-LYNN MOTOR SERIE H
1288373	101-2823	CHAR-LYNN MOTOR SERIE H
1424228	101-2874	CHAR-LYNN MOTOR SERIE H
1429757	101-2902	CHAR-LYNN MOTOR SERIE H
1433474	101-2903	CHAR-LYNN MOTOR SERIE H
1433819	101-2906	CHAR-LYNN MOTOR SERIE H
1428453	101-2999	CHAR-LYNN MOTOR SERIE H
1428205	101-3002	CHAR-LYNN MOTOR SERIE H
1433753	101-3248	CHAR-LYNN MOTOR SERIE H
1428711	101-3629	CHAR-LYNN MOTOR SERIE H
1434049	101-3629	CHAR-LYNN MOTOR SERIE H
1428789	101-3630	CHAR-LYNN MOTOR SERIE H