

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 7740-34RC
Catalog No: 7740-34RC
A-7740-34RC RISER .282 ID X .375 LG

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The logo for Regal Rexnord, featuring a stylized green and blue 'R' icon followed by the text 'RegalRexnord' in a blue sans-serif font.

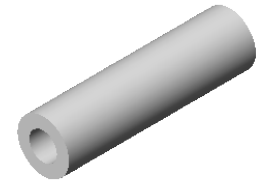
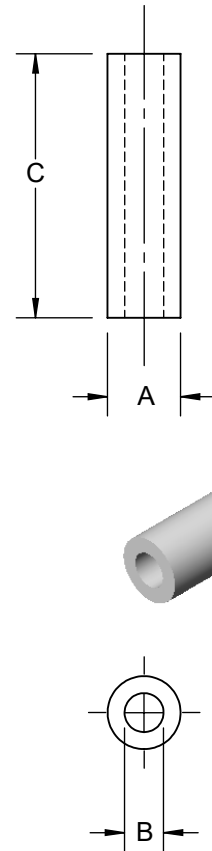
Nameplate Specifications

Technical Specifications

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DASH	A	B	C	REMARKS	ITEM REV.
1	.38 [9.65]	.208 ^[5.283] _[5.156]	.281 [7.137]		
2	.252 ^[6.401] _[3.27] ^[8.306]	.203 [5.156]	.500 [12.700]	CAN BE SPLIT ROLLED CONSTRUCTION	56
3	.252 ^[6.401] _[3.27] ^[8.306]	.203 [5.156]	1.250 [31.750]	CAN BE SPLIT ROLLED CONSTRUCTION	56
4	.50 [12.70]	.260 ^[6.604] _[5.156] ^[6.477]	.328 [8.331]		
5	.44 [11.18]	.197 [5.004]	.937 [23.800]		
6	.252 ^[6.401] _[3.27] ^[8.306]	.203 [5.156]	.187 [4.750]	CAN BE SPLIT ROLLED CONSTRUCTION	56
7	.50 [12.70]	.282 [7.163]	.500 [12.700]		56
8	.50 [12.70]	.282 [7.163]	.687 [17.550]		
9	.38 [9.65]	.208 ^[5.283] _[5.156]	1.375 [34.925]		
10	.38 [9.65]	.208 ^[5.283] _[5.156]	.468 [11.887]		
11	.38 [9.65]	.208 ^[5.283] _[5.156]	1.000 [25.400]		56
12	.50 [12.70]	.282 [7.163]	.812 [20.625]		0
13	.252 ^[6.401] _[3.27] ^[8.306]	.203 [5.156]	.250 [6.350]		56
14	.50 [12.70]	.282 [7.163]	.437 [11.100]		
15	.38 [9.65]	.208 ^[5.283] _[5.156]	.968 [24.587]		56
16	.56 [14.22]	.432 [10.973]	.218 [5.537]		
17	.38 [9.65]	.208 ^[5.283] _[5.156]	.314 [7.976]		
18	.44 [11.18]	.197 [5.004]	1.437 [36.500]		
19	.56 [14.22]	.343 [8.712]	1.750 [44.450]		
20	.50 [12.70]	.282 [7.163]	1.000 [25.400]		56
21	.44 [11.18]	.197 [5.004]	1.156 [29.362]		
22	.75 [19.05]	.282 [7.163]	.250 [6.350]		
23	.50 [12.70]	.282 [7.163]	1.125 [28.575]		
24	.50 [12.70]	.282 [7.163]	1.375 [34.925]		56
25	.50 [12.70]	.282 [7.163]	1.250 [31.750]		

DASH	A	B	C	REMARKS	ITEM REV.
26	.56 [14.22]	.396 [10.058]	2.250 [57.150]		
27	.75 [19.05]	.532 [13.513]	.500 [12.700]		0
28	.44 [11.18]	.197 [5.004]	.781 [19.837]		
29	.44 [11.18]	.197 [5.004]	.812 [20.625]		
30	.75 [19.05]	.532 [13.513]	.750 [19.050]		
31	.38 [9.65]	.250 [6.350]	.125 [3.175]		
32	.38 [9.65]	.208 ^[5.283] _[5.156]	.562 [14.275]		56
33	.75 [19.05]	.282 [7.163]	.625 [15.875]		56
34	.50 [12.70]	.282 [7.163]	.375 [9.525]		0
35	.56 [14.22]	.432 [10.973]	.750 [19.050]		
36	.38 [9.65]	.187 [4.750]	.312 [7.925]		
37	.38 [9.65]	.208 ^[5.283] _[5.156]	.437 [11.100]		
38	.252 ^[6.401] _[3.27] ^[8.306]	.203 [5.156]	.375 [9.525]	CAN BE SPLIT ROLLED CONSTRUCTION	56
39	.25 [6.35]	.180 [4.572]	.640 [16.256]		
40	.75 [19.05]	.509 ^[12.929] _[5.08] ^[12.903]	.687 [17.450]		
41	1.50 [38.10]	.562 [14.275]	2.500 [63.500]		
42	.50 [12.70]	.187 [4.750]	.375 [9.525]		
43	.44 [11.18]	.197 [5.004]	.656 [16.662]		
44	.62 [15.75]	.375 [9.525]	.281 [7.137]		
45	.252 ^[6.401] _[3.27] ^[8.306]	.203 [5.156]	.312 [7.925]	CAN BE SPLIT ROLLED CONSTRUCTION	
46	.290 ^[7.366] _[3.27] ^[8.306]	.203 [5.156]	1.125 [28.575]	OBSOLETE USE -3	
47	.290 ^[7.366] _[3.27] ^[8.306]	.203 [5.156]	.750 [19.050]	CAN BE SPLIT ROLLED CONSTRUCTION	56
48	.44 [11.18]	.197 [5.004]	1.687 [42.850]		
49	.67 [17.02]	.500 [12.700]	.687 [17.450]	.375 [9.525] PIPE	
50	.55 [13.97]	.359 [9.119]	2.250 [57.150]	.250 [6.350] PIPE	



ENG REF. ONLY:
A-9606 STAINLESS STL.
E-7741 BRASS MAT.
E-7796 BRONZE MAT.

DRAWING REVISION J	REVISION BY SAS	REV DATE/© DATE 05/02/2022
REQUEST NUMBER CR-0008628	APPROVED BY GM	DATE 05/02/2022
REQUEST NUMBER DESCRIPTION Added dash 134 & 135		
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TOLERANCES (EXCEPT AS NOTED):			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7° 30'
.XX	±0.02	[±0.5]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°			
CORNER FILLETS: R.02 [.5]			
MACHINED SURFACES: 200/INCH 5.1/mm			
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY			

DRAWN BY DA			Regal Beloit America, Inc.	
DATE 01-15-1991				
APPROVED BY GK	DESCRIPTION SPACER			
DATE 01-22-1991				
REFERENCE	MATERIAL STL COMM. QUAL. BAR OR TUBING		PROCESS/FINISH F-002 RoHS COMPLIANT	
THIRD ANGLE PROJECTION 	SIZE A	DRAWING NUMBER 7740		SHEET 1 OF 3

DASH	A	B	C	REMARKS	ITEM REV.	DASH	A	B	C	REMARKS	ITEM REV.
51	2.00 [50.80]	1.875 [14.625]	1.188 [30.175]			75	.67 [17.02]	.500 [12.700]	3.500 [88.900]	.375 [9.525] PIPE	
52	3.00 [76.20]	2.812 [71.425]	1.188 [30.175]			76	.38 [9.65]	.203 [5.156]	.859 [21.819]		
53	.25 [6.35]	.180 [4.572]	.890 [22.606]			77	.50 [12.70]	.282 [7.163]	1.688 [42.875]		
54	.55 [13.97]	.359 [9.1186]	2.750 [69.85]	.250 [6.350] PIPE		78	.25 [6.35]	.180 [4.572]	.390 [9.906]		
55	.50 [12.70]	.282 [7.163]	2.000 [50.800]			79	.31 [7.87]	.203 [5.156]	.125 [3.175]		
56	.50 [12.70]	.282 [7.163]	3.500 [88.900]			80	.56 [14.22]	.432 [10.973]	4.500 [114.300]		
57	.50 [12.70]	.282 [7.163]	.625 [15.875]			81	.50 [12.70]	.282 [7.163]	1.750 [44.450]		
58	.50 [12.70]	.282 [7.163]	2.500 [63.500]			82	.56 [14.22]	.375 [9.525]	.500 [12.700]		
59	.50 [12.70]	.282 [7.163]	2.938 [74.625]			83	1.62 [41.148]	.625 [15.875]	2.875 [73.025]		
60	.25 [6.35]	.180 [4.572]	.156 [3.962]			84	1.62 [41.148]	.625 [15.875]	1.750 [44.450]		
61	.50 [12.70]	.282 [7.163]	.250 [6.350]		0	85	.50 [12.70]	.282 [7.163]	3.000 [76.200]		
62	.50 [12.70]	.282 [7.163]	4.000 [101.600]			86	.50 [12.70]	.282 [7.163]	1.500 [38.100]		
63	.75 [19.05]	.437 [11.100]	2.250 [57.150]		70	87	.50 [12.70]	.282 [7.163]	3.250 [82.550]		
64	.38 [9.65]	.250 [6.350]	.250 [6.350]			88	.56 [14.22]	.437 [11.100]	2.625 [66.675]		70
65	.50 [12.70]	.282 [7.163]	2.750 [69.850]			89	.50 [12.70]	.282 [7.163]	3.156 [80.162]		
66	.50 [12.70]	.282 [7.163]	1.875 [47.625]			90	.50 [12.70]	.282 [7.163]	2.625 [66.675]		
67	.56 [14.22]	.432 [10.973]	.875 [22.225]		70	91	1.00 [25.40]	.625 [15.875]	.500 [12.700]		
68	.56 [14.22]	.432 [10.973]	.500 [12.700]			92	1.00 [25.40]	.625 [15.875]	1.125 [28.575]		
69	.50 [12.70]	.282 [7.163]	1.625 [41.275]			93	1.00 [25.40]	.625 [15.875]	1.500 [38.100]		
70	.38 [9.65]	.208 [5.283] .203 [5.156]	.187 [4.750]			94	1.00 [25.40]	.625 [15.875]	1.219 [30.963]		
71	.56 [14.22]	.396 [10.058]	1.625 [41.275]		0	95	.56 [14.22]	.432 [10.973]	4.562 [115.875]		
72	.50 [12.70]	.282 [7.163]	4.438 [112.725]			96	.31 [7.874]	.198 [5.029] .206 [5.232]	.746 [18.948]	CAN BE SPLIT ROLLED CONSTRUCTION	70
73	.50 [12.70]	.282 [7.163]	3.625 [92.075]			97	.31 [7.874]	.198 [5.029] .206 [5.232]	.929 [23.597]	CAN BE SPLIT ROLLED CONSTRUCTION	70
74	.67 [17.02]	.500 [12.700]	1.125 [28.575]	.375 [9.525] PIPE		98	.31 [7.874]	.194 [4.928] .206 [5.232]	.500 [12.700]	CAN BE SPLIT ROLLED CONSTRUCTION	70

C

A

B

ENG REF. ONLY:

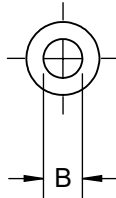
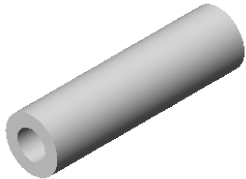
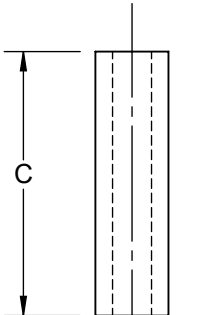
A-9606 STAINLESS STL.

E-7741 BRASS MAT.



E-7796 BRONZE MAT.

DRAWING REVISION J	REVISION BY SAS	REV DATE/© DATE 05/02/2022	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±7° 30" .XX ±0.02 [±0.5] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200/ INCH mm mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY DA	<div>Regal Rexnord</div>	Regal Beloit America, Inc.	
REQUEST NUMBER CR-0008628	APPROVED BY GM	DATE 05/02/2022		DATE 01-15-1991			
REQUEST NUMBER DESCRIPTION Added dash 134 & 135				APPROVED BY GK			DESCRIPTION SPACER
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			REFERENCE	MATERIAL STL COMM. QUAL. BAR OR TUBING	PROCESS/FINISH F-002 RoHS COMPLIANT		
			THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER 7740	SHEET 2 OF 3	

DASH	A	B	C	REMARKS	ITEM REV.	DASH	A	B	C	REMARKS	ITEM REV.
99	.50 [12.70]	.282 [7.163]	4.250 [107.950]			123	.27 [6.86]	.168 [4.267] [.180 4.572]	.835 [21.209]		6
100	.23 [5.842]	.176 [4.470]	.187 [4.750]	CAN BE SPLIT ROLLED CONSTRUCTION		124	.75 [19.05]	.532 [13.513]	2.06 [52.32]		0
101	.23 [5.842]	.176 [4.470]	.437 [11.100]	CAN BE SPLIT ROLLED CONSTRUCTION		125	.75 [19.05]	.532 [13.513]	1.00 [25.40]		
102	.31 [7.874]	.183 [4.648]	.375 [9.525]			126	1.00 [25.40]	.625 [15.875]	2.56 [65.02]		6
103	.56 [14.22]	.343 [8.712]	1.625 [41.275]		70	127	.75 [19.05]	.44 [11.18]	1.19 [30.23]		0
104	.31 [7.874]	.198 [5.029] [.203 5.156]	4.22 [10.719]	CAN BE SPLIT ROLLED CONSTRUCTION		128	.75 [19.05]	.38 [9.65]	.875 [22.225]		
105	.50 [12.70]	.281 [7.137] [.375 9.525]	.562 [14.275]	CAN BE SPLIT ROLLED CONSTRUCTION		129	.75 [19.05]	.532 [13.513]	1.25 [31.75]		0
106	.27 [6.86]	.168 [4.267] [.180 4.572]	.200 [5.080]		70	130	.56 [14.22]	.432 [10.973]	1.75 [44.45]		0
107	.31 [7.874]	.198 [5.029] [.203 5.156]	.790 [20.066]	CAN BE SPLIT ROLLED CONSTRUCTION	0	131	.75 [19.05]	.44 [11.18]	2.75 [69.85]		A
108	.27 [6.86]	.168 [4.267] [.180 4.572]	.300 [7.620]		70	132	.290 [7.366] [.327 8.306]	.203 [5.156]	1.75 [44.45]	CAN BE SPLIT ROLLED CONSTRUCTION	A
109	.62 [15.75]	.515 [13.081]	1.12 [28.45]	UNICORP PERT No. S-1669-M10-F21A-0		133	0.75 [19.05]	0.261 [6.630]	2.00 [50.80]		A
110	.31 [7.874]	.215 [5.461]	.585 [14.859]		6	134	1.50 [38.1]	.780 [19.81]	.50 [12.70]		0
111	.50 [12.70]	.282 [7.163]	2.375 [60.325]			135	.56 [14.22]	.43 [10.973]	.440 [11.176]		0
112	.50 [12.70]	.282 [7.163]	1.360 [34.544]								
113	.56 [14.22]	.432 [10.973]	.625 [15.875]		6						
114	.75 [19.05]	.437 [11.100]	1.000 [25.400]								
115	.27 [6.86]	.168 [4.267] [.180 4.572]	.150 [3.810]		6						
116	1.75 [44.45]	.812 [20.625]	1.000 [25.400]		6						
117	.27 [6.86]	.168 [4.267] [.180 4.572]	.440 [11.176]		6						
118	6.75 [171.45]	6.25 [158.75]	9.00 [228.60] ± .06 [1.52]	C-707 (DRAWN-OVER-MANDREL) ROUND MECHANICAL TUBING							
119	.75 [19.05]	.532 [13.513]	1.50 [38.10]		6						
120	.38 [9.65]	.194 [4.928] [.206 5.232]	.625 [15.875]	CAN BE SPLIT ROLLED CONSTRUCTION							
121	.75 [19.05]	.532 [13.513]	3.00 [76.20]		6						
122	.75 [19.05]	.44 [11.18]	.94 [23.88]		6						



ENG REF. ONLY:
A-9606 STAINLESS STL.
E-7741 BRASS MAT.
E-7796 BRONZE MAT.

DRAWING REVISION J	REVISION BY SAS	REV DATE/© DATE 05/02/2022	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±7° 30" .XX ±0.02 [±0.5] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200/ INCH mm 5.1/ mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY		DRAWN BY DA	 Regal Beloit America, Inc.		
REQUEST NUMBER CR-0008628	APPROVED BY GM	DATE 05/02/2022			DATE 01-15-1991			
REQUEST NUMBER DESCRIPTION Added dash 134 & 135					APPROVED BY GK	DESCRIPTION SPACER		
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			REFERENCE	MATERIAL STL COMM. QUAL. BAR OR TUBING		PROCESS/FINISH F-002 RoHS COMPLIANT		
			THIRD ANGLE PROJECTION 	SIZE A	DRAWING NUMBER 7740		SHEET 3 OF 3	