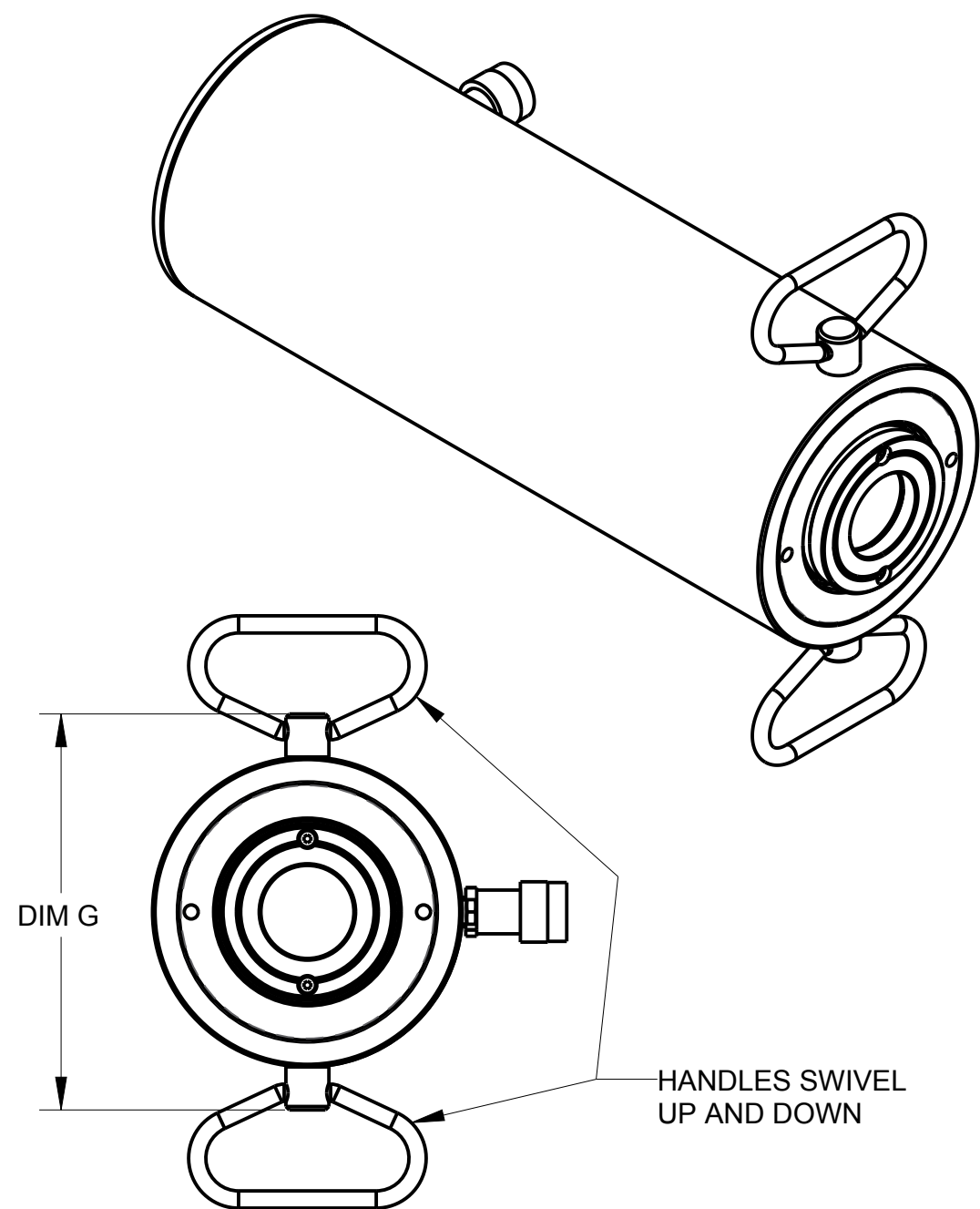
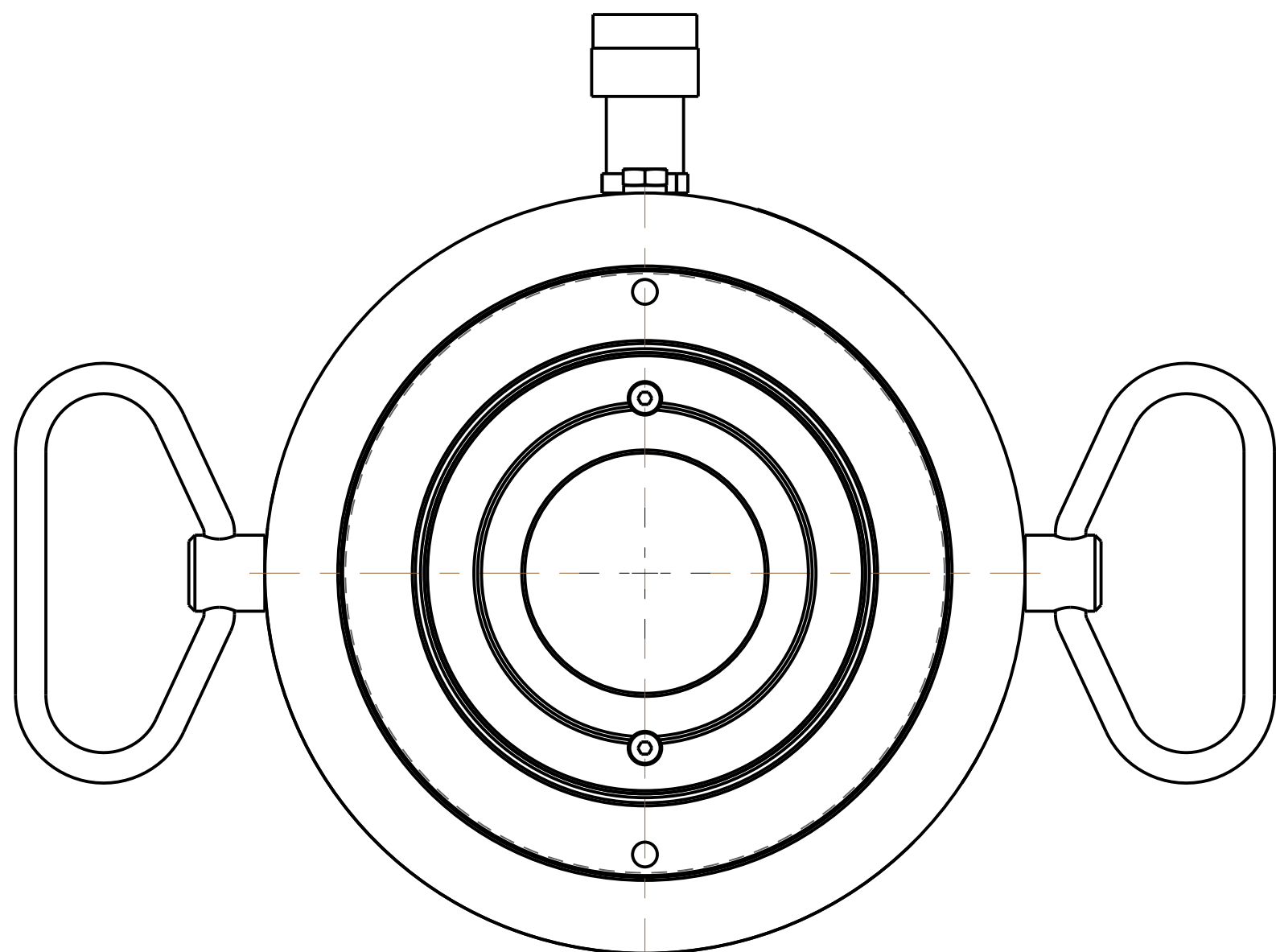
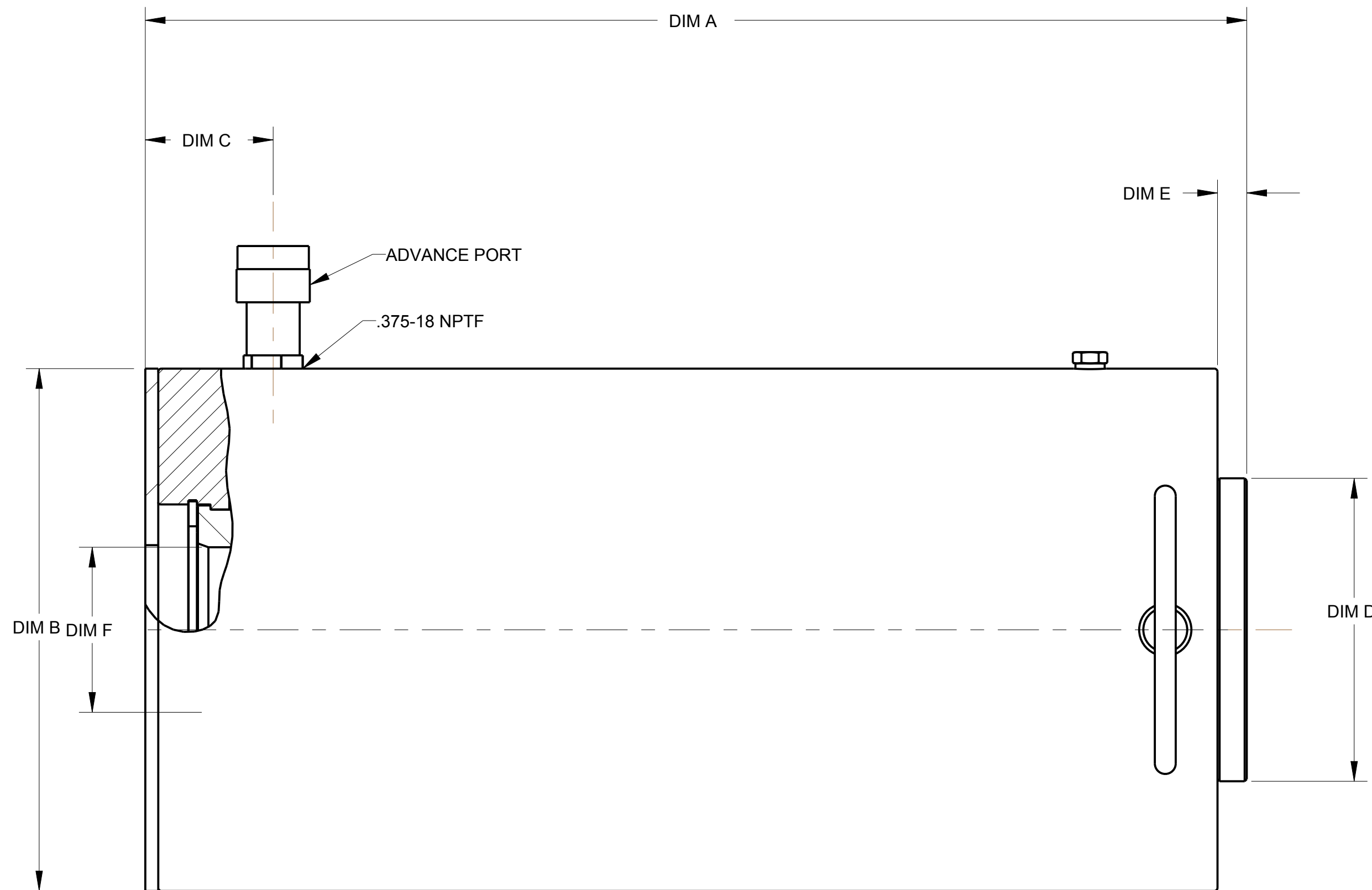


REVISION HISTORY		
REV	ECM #	DATE/INITIAL
A	0402023	02-05-04/FDS

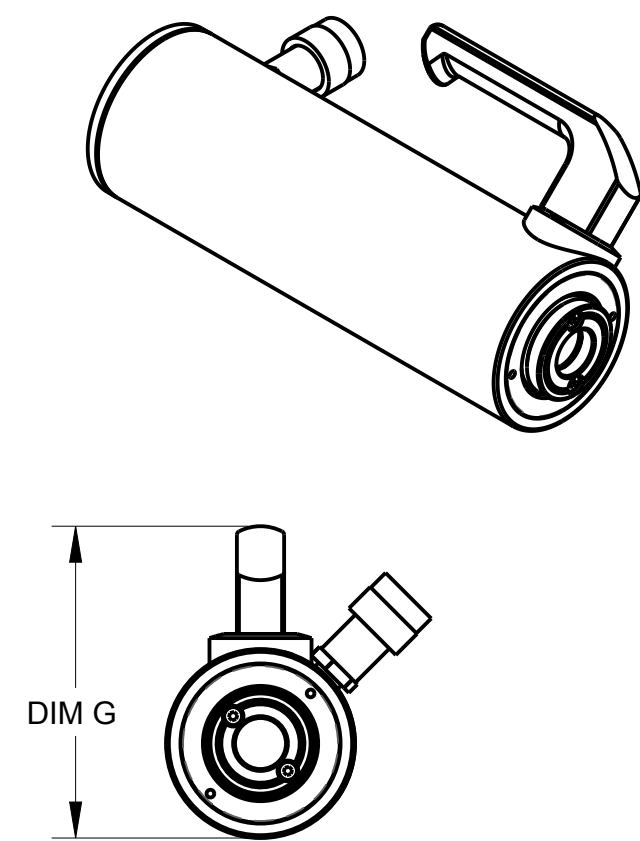


MODEL RACH10010 SHOWN

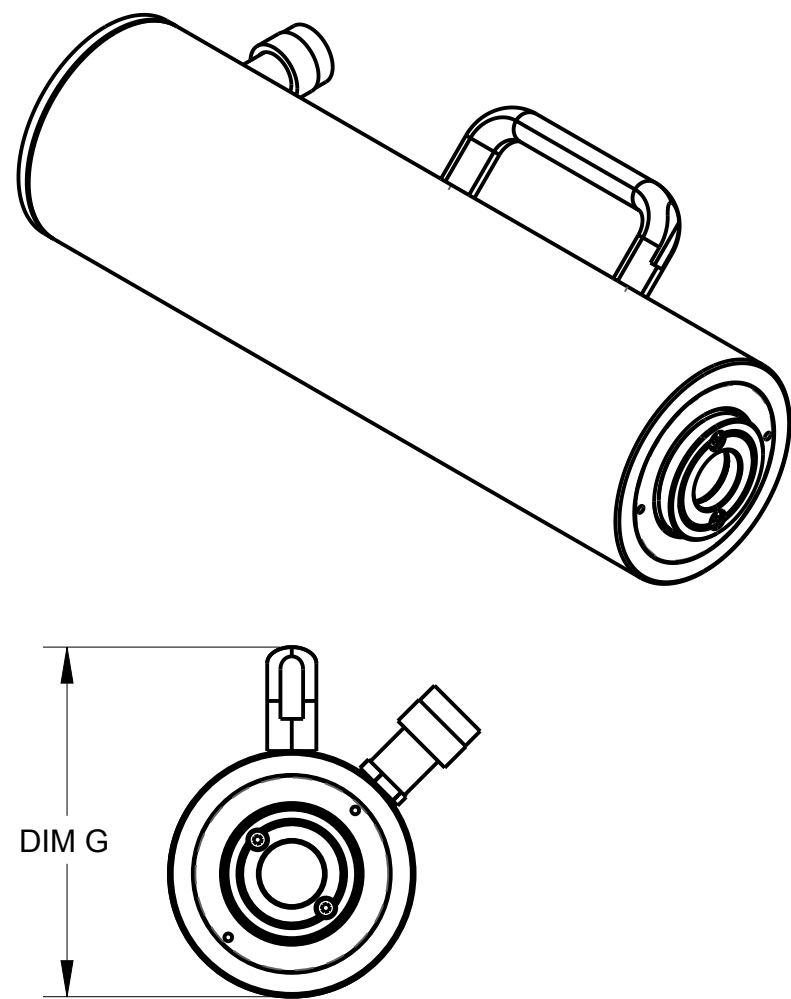
RACH 60/100/150 SERIES
SCALE 1:4

NOTES:
1. DIMENSIONS ARE FOR REFERENCE ONLY.

Model Number	Nominal Cylinder Capacity (Tons)	Stroke		Maximum Cylinder Capacity (Tons)	Cylinder Effective Area		Oil Capacity		Collapsed Height		Extended Height		Outside Diameter		Cylinder Bore Diameter		Plunger Diameter		Base to Advance Port Dim C		Saddle Diameter		Saddle Protrusion Height Dim E		Thru Hole Diameter Dim F		Overall Depth Dim G		Weight		
		mm	INCH		Metric	IMP	mm ²	INCH ²	cm ³	INCH ³	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	Kg
RACH202	20	50.0	1.97	23.0	25.4	3271	5.07	163.6	9.98	188.2	7.41	238.2	9.38	100.0	3.93	75.0	2.95	55.0	2.17	29.2	1.14	55.0	2.17	10.0	.40	27.0	1.06	165	6.5	5.2	11.5
RACH204		100.0	3.94					327.2	19.96	251.2	9.89	351.2	13.83																	6.1	13.5
RACH206		150.0	5.91					490.8	29.94	315.2	12.41	465.2	18.32																	7.1	15.6
RACH208		200.0	7.87					654.4	39.92	378.2	14.89	578.2	22.76																	8.0	17.7
RACH2010		250.0	9.84					818.0	49.90	442.2	17.41	692.2	27.25																	9.0	19.8
RACH302	30	50.0	1.97	35.9	39.6	5109	7.92	255.5	15.59	208.2	8.20	258.2	10.17	130.0	5.12	95.0	3.74	70.0	2.76	29.2	1.14	70.0	2.76	10.0	.40	34.0	1.34	185	7.3	8.0	17.6
RACH304		100.0	3.94					510.9	31.18	267.2	10.52	367.2	14.46																	9.5	20.9
RACH306		150.0	5.91					766.4	46.77	333.2	13.12	483.2	19.02																	11.2	24.6
RACH308		200.0	7.87					1021.8	62.35	395.2	15.56	595.2	23.43																	12.9	28.4
RACH3010		250.0	9.84					1277.3	77.94	458.2	18.04	708.2	27.88																	14.5	31.9
RACH602	60	50.0	1.97	59.6	65.6	8470	13.13	423.5	25.84	251.2	9.89	301.2	11.86	180.0	7.09	130.0	5.12	100.0	3.94	61.2	2.41	100.0	3.94	12.0	.47	54.0	2.13	230	9.1	16.2	35.6
RACH604		100.0	3.94					847.0	51.69	315.2	12.41	415.2	16.35																	19.5	42.8
RACH606		150.0	5.91					1270.5	77.53	380.2	14.97	530.2	20.87																	22.8	50.3
RACH608		200.0	7.87					1694.0	103.37	445.2	17.52	645.2	25.40																	26.0	57.2
RACH6010		250.0	9.84					2117.5	129.21	510.2	20.09	760.2	29.93																	29.6	65.1
RACH1002	100	50.0	1.97	115.7	127.5	16457	25.51	822.9	50.21	258.2	10.16	308.2	12.13	250.0	9.84	185.0	7.28	145.0	5.71	61.2	2.41	145.0	5.71	14.0	.55	79.0	3.11	300	11.8	33.8	74.6
RACH1004		100.0	3.94					1645.7	100.43	325.2	12.80	425.2	16.74																	39.8	87.8
RACH1006		150.0	5.91					2468.6	150.64	391.2	15.40	541.2	21.31																	46.2	101.9
RACH1008		200.0	7.87					3291.4	200.85	459.2	18.08	659.2	25.95																	52.5	115.7
RACH10010		250.0	9.84					4114.3	251.07	527.2	20.76	777.2	30.60																	58.8	129.3
RACH1502	150	50.0	1.97	158.8	175.0	22583	35.00	1129.2	66.08	280.2	11.03	330.2	13.00	275.0	10.83	205.0	8.07	150.0	5.91	61.2	2.41	145.0	5.71	14.0	.55	79.0	3.11	325	12.8	48.9	107.7
RACH1504		100.0	3.94					2258.3	132.17	360.2	14.18	460.2	18.12																	55.7	122.8
RACH1506		150.0	5.91					3387.5	206.72	430.2	16.93	580.2	22.84																	63.0	138.9
RACH1508		200.0	7.87					4516.6	275.62	500.2	19.69	700.2	27.57																	70.1	154.5
RACH15010		250.0	9.84					5645.8	344.53	570.2	22.45	820.2	32.29																	77.2	170.2



RACH 20 SERIES
SCALE 1:4



RACH 30 SERIES
SCALE 1:4

METRIC

THIRD ANGLE PROJECTION 		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS METRIC .XX ±.01 X.X ±.25mm .XXX ±.005 X.XX ±.1mm ANGLES ±1° DO NOT SCALE DRAWING		DATE 11/08/02			
FINISH UNLESS SPECIFIED  $\frac{Ra}{Rz} \left(\frac{Ra}{Rz} \right)$		DRAWN BY CF APPROVALS CHECKER: ENGR:		TITLE RACH ALUMINUM CYLINDER			
MATERIAL: FINISH: TREATMENT:		THIS PRINT AND INFORMATION HEREIN IS CONFIDENTIAL AND PROPRIETARY AND IS THE PROPERTY OF ENERPAC. IT IS NOT TO BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION.		SIZE D DWG NO. ID10788 SCALE DWG FORMAT SHEET FILE NO. 1:2 Pro/E 1 of 1			