

Dura-Cyl Liquid Cylinders

SPECIFICATIONS



Caster Base Specifications							
MODEL		230 L RB	230 L RB	230 L RB	230 L SB	230 L SB	230 L SB
	Pressure	LP	MP	HP	LP	MP	HP
LCCM	Part Number	—	10602822	10616546	—	10496468	10496492
MCR	Part Number	—	10783635	10783651	—	10810779	10794027
None ⁽¹⁾	Part Number	10648599	—	—	10648556	—	—
CAPACITY⁽²⁾⁽³⁾							
Liquid (Gross)	(liters)	240	240	240	240	240	240
Liquid (Net)	(liters)	230	230	230	230	230	230
Gas (N ₂)	ft ³ / Nm ³	—	5,024/132	4,734/124	—	5,024/132	4,734/124
Gas (O ₂)	ft ³ / Nm ³	—	6,244/164	5,930/156	—	6,244/164	5,930/156
Gas (Ar)	ft ³ / Nm ³	—	6,073/160	5,763/151	—	6,073/160	5,763/151
Gas (CO ₂)	ft ³ / Nm ³	—	—	4,614/121	—	—	4,614/121
Gas (N ₂ O)	ft ³ / Nm ³	—	—	4,378/115	—	—	4,378/115
PERFORMANCE							
NER (N ₂)	% per day	1.5	1.8	1.8	1.5	1.8	1.8
NER (O ₂ - Ar)	% per day	1.0	1.2	1.2	1.0	1.2	1.2
NER (CO ₂ - N ₂ O)	% per day	—	—	0.5	—	—	0.5
Gas Flow (N ₂ , O ₂ , Ar)	SCFH/Nm ³ /hr	—	400 / 10.5	400 / 10.5	—	400 / 10.5	400 / 10.5
Gas Flow (CO ₂ , N ₂ O)	SCFH/Nm ³ /hr	—	—	110 / 2.9	—	—	110 / 2.9
DIMENSIONS & PRESSURE RATINGS							
Relief Valve Setting	psig / barg	22 / 1.5	230 / 16	350 / 24	22 / 1.5	230 / 16	350 / 24
DOT/TC Rating		4L100	4L200	4L292	4L100	4L200	4L292
Diameter ⁽⁵⁾	in / cm	26 / 66.0	26 / 66.0	26 / 66.0	26 / 66.0	26 / 66.0	26 / 66.0
Height ⁽⁶⁾	in / cm	57.2/145.3	57.2/145.3	57.2/145.3	56.8/144.3	56.8/144.3	56.8/144.3
Tare Weight	lb / kg	296/134.3	311/141.1	367/166.5	325/147.4	340/154.2	395/179.2
Full Weight (N ₂)	lb / kg	697/316.2	675/306.1	710/322	726/329.3	704/319.3	738/334.7
(O ₂)	lb / kg	866/392.8	828/375.5	858/389.1	895/406	857/388.7	886/401.8
(Ar)	lb / kg	998/452.7	939/425.9	963/436.8	1027/465.8	968/439	991/449.5
(CO ₂)	lb / kg	—	—	895/405.9	—	—	923/418.6

(1) Pressure building regulator optional on LP models. (2) Gas capacities at DOT4L limits. See manual P/N 10642912 for details.

(3) Most of the Dura-Cyl models are available with permanently installed CGA fittings for medical applications. Contact Customer Service for details.

(5) Dimension of square caster bases: 27-3/4"W x 28-3/4"D. (6) Dimensions are measured from the floor to the top of the sight gauge protect

RB = Round Base SB = Square Base

Note: All caster base models are available with stainless steel casters.

NER=Nominal Evaporation Rate