

# RATERMANN

## MANUFACTURING, INC.

### STEEL HIGH PRESSURE CYLINDERS

for Industrial Gas



#### SPECIFICATIONS

MODEL	D	D HS	E	E HS	20	40	55
DOT SPECIFICATION (PSIG)	3AA-2015	SP11692-2015	3AA-2015	SP11692-2015	3AA-2015	3AA-2015	3AA-2015
TC SPECIFICATION (BAR)	3AAM-154	SU4957-139	3AAM-154	SU4957-139	3AAM-154	3AAM-154	3AAM-154
OXYGEN CU.FT. @ 70°F	14.4 / 15.9	14.4	24 / 26.4	24	18.2 / 20	40 / 44	54 / 59.4
WATER CAPACITY (CU. IN.)	170	170	283	283	214	475	632
WATER CAPACITY (LITERS)	2.8	2.8	4.6	4.6	3.5	7.8	10.3
CYLINDER DIAMETER (IN.)	4.2	4.2	4.2	4.2	5.2	6.7	6.7
CYLINDER DIAMETER (MM)	106	106	106	106	133	171	171
HEIGHT W/O CAP (IN.)	16.8	16.5	25.8	25.4	14	18.3	23.5
HEIGHT W/O CAP (MM)	426.7	419	655.3	645	355	464	597
NOMINAL TARE WEIGHT (LBS.)	7.5	5.7	10.5	8	9.6	22	26.5
NOMINAL TARE WEIGHT (KG)	3.4	2.6	4.7	3.6	4.4	10	12
PART NUMBER	HPCYL-D-*	HPCYL-DHS-*	HPCYL-E-*	HPCYL-EHS-*	HPCYL-20-*	HPCYL-40-*	HPCYL-55-*

\* Specify medium being used. Examples: Oxygen add CGA540; Argon add CGA580A; Helium add CGA580H; Nitrogen add CGA580N; Carbon Dioxide add CGA320.

#### NOTES:

- All industrial and CO2 cylinders have a 3/4"-14 NGT Internal Thread Connect
- Medical cylinders have a 1/2"-14 NGT Internal Thread Connection
- Industrial cylinders 80 cubic feet and up are fitted with neckring and cap
- For cylinders fitted with caps, add 5 1/2" to length and 3 lbs. to weight. Neckrings add 1.5 lbs.
- Standard valves add 1.5 lbs. to weight
- All cylinders can be fitted with neckrings, valves, caps and dip tubes per specifications
- All cylinders (except high strength medical) are manufactured to allow 10 percent overfill in compliance with DOT regulations and are marked (+)

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MODEL	80	110	125	150	20 LB. CO2	220	250	300
DOT SPECIFICATION (PSIG)	3AA-2015	3AA-2015	3AA-2265	3AA-2265	3AA-1800	3AA-2015	3AA-2265	3AA-2400
TC SPECIFICATION (BAR)	3AAM-154	3AAM-154	3AAM-174	3AAM-174	3AAM-138	3AAM-154	3AAM-173	3AAM-183
OXYGEN CU.FT. @ 70°F	80 / 88	112 / 123	126 / 138	137 / 150	20 lb. CO2	224 / 246	252 / 277	303 / 333
WATER CAPACITY (CU. IN.)	942	1,320	1,320	1,428	840	2,640	2,640	2,995
WATER CAPACITY (LITERS)	15.4	21.6	21.6	23.4	13.8	43.2	43.2	49
CYLINDER DIAMETER (IN.)	7	7	7	7	7.8	9.1	9.2	9.2
CYLINDER DIAMETER (MM)	178	178	178	178	198	231	234	234
HEIGHT W/O CAP (IN.)	31.5	42.5	42.5	46	23.3	50	50	55.8
HEIGHT W/O CAP (MM)	800	1,080	1,080	1,168	591.8	1,270	1,270	1,417.3
NOMINAL TARE WEIGHT (LBS.)	40	60	60	65	31.5	114	115	134
NOMINAL TARE WEIGHT (KG)	18.1	27.2	27.2	29	14.3	51.7	52.2	60.8
<b>PART NUMBER</b>	<b>HPCYL-80-*</b>	<b>HPCYL-110-*</b>	<b>HPCYL-125-*</b>	<b>HPCYL-150-*</b>	<b>HPCYL-CO2-20</b>	<b>HPCYL-220-*</b>	<b>HPCYL-250-*</b>	<b>HPCYL-300-*</b>

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