



SMARTNOBLE®

Smart Materials, Noble Machines.

EN 3-8 low working pressure aluminum cylinders

型号 Type	瓶体外径 Outside Diameter(mm)	工作压力 Working pressure(bar)	试验压力 Test pressure (bar)	瓶体材料 Material	设计壁厚 Design wall thickness(mm)	公称容积 Nominal water capacity (L)	瓶体高度 Cylinder height(mm)	公称重量 Nominal weight(g)	认证状态 Certificate
SN-LWP-1	89.5	18.5	26.5	1050	1.12	1.12	220	330	PED
SN-LWP-2	108	19.5	28		1.1	2.3	320	710	



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BS 5045-8 Seamless aluminum alloy gas cylinders

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working pressure(bar)	试验压力 Test pressure(bar)	瓶体材料 Material	底型 Bottom type	设计壁厚 Design wall thickness(mm)	公称容积 Nominal water capacity(L)	瓶体高度 Cylinder height(mm)	公称重量 Nominal weight(kg)	认证状态 Certificate		
SN-111-1.5-16.93-H	111	169.3	215	AA6061	H形	4.4	1.5	265	1.45			
SN-111-3(2.1~4.82)-16.93-H							3	445	2.35	PED		
SN-111-1.5-17.4-H		174	250			5.15	1.5	275	2.11			
SN-111-2-17.4-H							2	340	2.46			
SN-111-3-17.4-H							3	457	3.16			
SN-111-2.67(1.88~4.22)-21.6-H		216	315			6.61	2.67	430	2.95	PED		
SN-111-3-21-H							3	475	3.15	PED		
SN-120-2.9-17.4-H	120	174	250			5.57	2.9	395	2.77			
SN-120-3.5-17.4-H							3.5	460	3.20			
SN-120-3.8-17.4-H							3.8	485	3.42			
SN-120-4-17.4-H							4	460	3.57			
SN-152-7.5(5.67-11.91)-16.93-H	152	169.3	215	AA6061	H形	6.02	7.5	575	5.84	PED		
SN-159-6.67(4.89-9.93)-21.6-H	159	216	315			9.46	6.67	535	7.40	PED		
SN-175-6.8-17.4-H	175	174	250			8.13	6.8	445	6.40			
SN-175-10.02-17.4-H							10.02	625	9.06			

SN-175-10.2-17.4-H

SN-175-6.8-17.4-H

SN-150-6.67(4.89-9.93)-21.6-H

SN-152-7.5(5.67-11.91)-16.93-H



Type	WP(Mpa)	DN(mm)	Medium	Outlet Thread	Inlet Thread	Safety Device
QF-7B	15	4	O2,N2,Air	G5/8	GB8335 PZ27.8	NO



Type	WP(Mpa)	DN(mm)	Medium	Outlet Thread	Inlet Thread	Safety Device
QF-21	15	2	O2,N2,Air	W21.8×1/14	GB8335 PZ19.2	18-22.5Mpa



压差工作膜片动作式，压力表为出口位置：背面、侧面 配套气驱动接口螺纹：M18×1.5

型 号	规 格	进 口 螺 纹		出 口 螺 纹	最 大 工 作 压 力	安 全 动 作 压 力	虹 吸 管 螺 纹
Type	DN (mm)	Inlet thread		Outlet thread	Max Wp (Mpa)	Safe WP	Siphon thread
QRF40/5.3	DN40	M64×2	M72×2	M56×2平面	5.3Mpa	7.2±0.5Mpa	RC11/2" M45×1.5
QRF40/6.7	DN40	M64×2	M72×2	M56×2平面	6.7Mpa	9±0.5Mpa	RC11/2" M45×1.5
QRF40/8.0	DN40	M64×2	M72×2	M56×2平面	8Mpa	10±0.5Mpa	RC11/2" M45×1.5



Copper Alloy: Moving the working diaphragm by differential pressure
-Pressure Meter Port is one-way valve and export is at the back.

The connector of electromagnetic driver is M18*1.5 PN: QDQ-M18

PN	Spec.	In.Thread	Ex.Thread	Max.Working Pressure	Safe W/P	Siphon Thread
RFC-50	DN50	M80*2	M68*2(平面)	6.7MPa	9 ± 0.45MPa	RC2"
RFC-50A	DN50	M72*2	M68*2(平面)	6.7MPa	9 ± 0.45MPa	RC2"
RFC-50G	DN50	M80*2	M68*2(平面)	8MPa	11 ± 0.55MPa	RC2"
RFC-50AG	DN50	M72*2	M68*2(平面)	8MPa	11 ± 0.55MPa	RC2"
RFC-50D	DN50	M80*2	M68*2(平面)	5.3MPa	7.2 ± 0.36MPa	RC2"
RFC-50AD	DN50	M72*2	M68*2(平面)	5.3MPa	7.2 ± 0.36MPa	RC2"



Copper Alloy: Moving the working diaphragm by differential pressure
-Pressure Meter Port is one-way valve and export is at the back.

The connector of electromagnetic driver is M18*1.5 PN: QDQ-M18

PN	Spec.	In.Thread	Ex.Thread	Max.Working Pressure	Safe W/P	Siphon Thread
RFC-32	DN32	PZ56	M48*2(Conical)	6.7MPa	9 ± 0.45MPa	RC11/4"
PFC-32X	DN32	M56*2	M48*2(Conical)	6.7MPa	9 ± 0.45MPa	RC11/4"
RFC-32G	DN32	PZ56	M48*2(Conical)	8MPa	11 ± 0.55MPa	RC11/4"
RFC-32XG	DN32	M56*2	M48*2(Conical)	8MPa	11 ± 0.55MPa	RC11/4"
RFC-32D	DN32	PZ56	M48*2(Conical)	5.3MPa	7.2 ± 0.36MPa	RC11/4"
RFC-32XD	DN32	M56*2	M48*2(Conical)	5.3MPa	7.2 ± 0.36MPa	RC11/4"



Type	WP(Mpa)	DN(mm)	Medium	Outlet Thread	Inlet Thread	Safety Device
QF-2A	15	4	O2,N2,Air	G5/8	GB8335 PZ27.8	18-22.5Mpa



Type	WP(Mpa)	DN(mm)	Medium	Outlet Thread	Inlet Thread	Safety Device
QF-2M	15	4	O2,N2,Air	G1/2	GB8335 PZ27.8	18.8-22.5Mpa



型号	规格	进口螺纹		出口螺纹	最大工作压力	安全动作压力	虹吸管螺纹
Type	DN (mm)	Inlet thread		Outlet thread	Max Wp (Mpa)	Safe WP	Siphon thread
QRF32/4.2	DN32	PZ56	M56×2	M48×2锥面	4.2Mpa	5±0.5Mpa	RC11/4" M40×2



Total 2 pages

HFC-227EA Electro Magnetic Valve (Solenoid Valve)

Electromagnetic Parameter (DC.24V.N=90N.1.3A)						
Copper Alloy: Moving the working diaphragm by differential pressure -Pressure Meter Port is one-way valve and export is at the back.						
The connector of electromagnetic driver is M18*1.5						PN: DDQ-M18
PN	Spec.	In.Thread	Ex.Thread	Max.Working Pressure	Safe W/P	Siphon Thread
RFD-32	DN32	PZ56	M48*2(Conical)	4.2MPa	5.6 ± 0.3MPa	RC11/4"
RFD-32X	DN32	M56*2	M48*2(Conical)	4.2MPa	5.6 ± 0.3MPa	RC11/4"



Electromagnetic Parameter (DC.24V.N=90N.1.3A)						
Copper Alloy: Moving the working diaphragm by differential pressure -Pressure Meter Port is one-way valve and export is at the back.						
PN	Spec.	In.Thread	Ex.Thread	Max.Working Pressure	Safe W/P	Siphon Thread
RFD-40	DN40	M82*2	M56*2(Planar)	4.2MPa	5.6 ± 0.3MPa	RC11/2"
RFD-40R	DN40	M82*2	M56*2(Planar)	4.2MPa	5.6 ± 0.3MPa	RC11/2"

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SN-LWP-1	89.5	18.5	26.5	1050	1.12	1.12	220	330	PED
SN-LWP-2	108	19.5	28		1.1	2.3	320	710	



Electromagnetic Parameter (DC.24V.N=90N.1.3A)						
Copper Alloy: Moving the working diaphragm by differential pressure -Pressure Meter Port is one-way valve and export is at the back.						
The connector of electromagnetic driver is M18*1.5 PN:DDQ-M18						
PN	Spec.	In.Thread	Ex.Thread	Max.Working Pressure	Safe W/P	Siphon Thread
RFD-50K	DN50	M80*2	M56*2(Planar)	4.2MPa	5.6 ± 0.3MPa	RC2"
RFD-50AK	DN50	M72*2	M56*2(Planar)	4.2MPa	5.6 ± 0.3MPa	RC2"





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TC-3ALM Cylinders, spheres, and tubes for the transportation of dangerous goods

型号 Type	气瓶外径 Outside Diameter (mm)	工作压力 Working pressure (MPa/ps)	试验压力 Test pressure (MPa/ps)	瓶体材料 Material	底型 Bottom type	设计壁厚 Design wall thickness (in/mm)	公称容积 Nominal water capacity (L)	瓶体高度 Cylinder height(mm)	公称重量 Nominal weight(kg)	认证状态 Certificate		
SN-81-0.43-12.4-H	81	12.4/1800	20.7/3000	AA6061	H形	0.131/3.33	0.43	150	0.80	TC		
SN-81-0.68-12.4-H							0.68	210	0.74			
SN-81-0.85-12.4-H							0.85	250	0.85			
SN-81-1-12.4-H							1	285	0.95			
SN-81-1-15.3-H		15.3/2216	25.5/3694			0.162/4.12	1	300	0.99	非认证		
SN-91-0.787-20.7-H		20.7/3000	34.5/5000			0.247/6.27	0.787	230	1.28			
SN-111-1.68-13.9-H	111	13.9/2015	23.2/3364			0.2/5.08	1.68	280	1.75	TC		
SN-111-1.8-13.9-H							1.8	305	1.83	非认证		
SN-111-2.2-13.9-H							2.2	360	2.10			
SN-111-2.3-13.9-H							2.3	370	2.17			
SN-111-2.75-13.9-H							2.75	423	2.50	TC		
SN-111-3-13.9-H		20.7/3000	34.5/5000			0.3/7.63	3	455	2.67	非认证		
SN-111-4-13.9-H							4	583	3.35			
SN-111-4.55-13.9-H							4.55	651	3.70	TC		
SN-111-4-20.7-H							4	639.7	4.84	非认证		
SN-133-3.35-12.4-H	133	12.4/1800	20.7/3000			0.215/5.46	3.35	368.3	3.30	TC		
SN-133-3.5-12.4-H		3.5	385			3.39	非认证					
SN-133-3.5-13.9-H		13.9/2015	23.2/3364			3.5		387.4	3.44			

SN-133-3.35-12.4-H	133	12.4/1800	20.7/3000	AA6061	H形	0.215/5.46	3.35	368.3	3.30	TC			
SN-133-3.5-12.4-H							3.5	385	3.39	非认证			
SN-133-3.5-13.9-H		13.9/2015	23.2/3364			6.15/0.242	3.5	387.4	3.44				
SN-175-5.9-15.3-H	175	15.3/2216	25.5/3694			0.351/8.91	5.9	406.4	6.60	TC			
SN-175-10-15.3-H							10	625	9.64	非认证			
SN-175-6.7-12.4-H		12.4/1800	20.7/3000			0.284/7.2	6.7	430	6.00	TC			
SN-175-6.8-12.4-H							6.8	435	6.10	非认证			
SN-175-10-12.4-H							10	600	7.90				
SN-175-10.5-12.4-H							10.5	620	8.17				
SN-184-7.8-20.7-H	184	20.7/3000	34.5/5000			0.5/12.7	7.8	505	10.7	非认证			
SN-184-11-20.7-H							11	670	13.9				
SN-184-11.1-20.7-H						0.368/9.37	11.1	675	14.0	TC			
SN-184-14.4-20.7-H		15.3/2015	25.5/3694				14.4	845	17.2	非认证			
SN-184-7.4-15.3-H							7.4	386	8.10				
SN-184-10-15.3-H			0.368/9.37			10	581.7	9.80	TC				
SN-184-15.2-15.3-H						15.2	830.6	13.4	TC				
SN-203-13.4-12.4-H	203	12.4/1800	20.7/3000			0.328/8.33	13.4	600		10.8			
SN-203-14-12.4-H							14	628	11.2	非认证			

SN-184-7.4-15.3-H

SN-184-15.2-15.3-H

SN-184-14.4-20.7-H

SN-184-11.1-20.7-H

SN-184-11-20.7-H

SN-203-13.4-12.4-H

SN-203-14-12.4-H

SN-111-4-20.7-H

SN-111-4.55-20.7-H