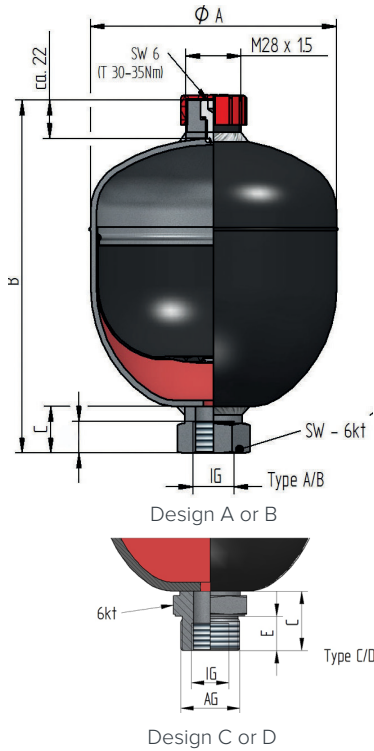


DIAPHRAGM ACCUMULATOR HMS

HMS NBR 0.075–3.5 LITRES, 140–350 BAR



TECHNICAL DATA

VOLUME
0.075–3.5 litres

APPROVAL
DGRL 2014/68/EU
Other versions on request

MAX. PERMISSIBLE PRESSURE (PS)
140–350 bar

MAX. PERMISSIBLE PRECHARGE PRESSURE (P₀)
150 bar

PERMISSIBLE TEMPERATURES (TS)
-20°C to +90°C

COATING
Black PU paint (RAL9005)

MATERIALS
Body and connections: Carbon steel
Membrane: NBR

GAS VALVE
Standard valve M28x1.5

CONNECTIONS
BSP EN ISO 228, see table

PART NO.	NOMINAL VOLUME [l]	MAX. OPERATING PRESSURE [BAR]	OIL CONNECTION						Ø A [MM]	B HEIGHT [MM]	WEIGHT AP-PROX. [KG]	P ₀ : P ₂ *
			DESIGN	IG	AG	SW 6KT	C	E				
HMS-0075-250-2000	0.075	250	A	G ½"	-	32	24	-	64	111	0.75	1:8
HMS-016-250-2000	0.16	250	A	G ½"	-	32	22	-	74	121	1	1:8
HMS-032-210-2000	0.32	210	A	G ½"	-	32	22	-	93	142	1.4	1:8
HMS-032-210-2018	0.32	210	C	G ½"	M33x1.5	32	20	-	93	166	1.8	1:8
HMS-05-210-2000	0.5	210	A	G ½"	-	32	20	-	105	150	1.7	1:8
HMS-05-210-2001	0.5	210	C	G ½"	M33x1.5	41	42	16	105	170	1.9	1:8
HMS-075-210-2000	0.75	210	A	G ½"	-	41	23	-	120	169	2.6	1:8
HMS-075-210-2001	0.75	210	C	G ½"	M33x1.5	41	42	16	120	188	2.8	1:8
HMS-075-350-2000	0.75	350	A	G ½"	-	32	20	-	132	180	4.8	1:8
HMS-075-350-2001	0.75	350	C	G ½"	M33x1.5	41	41	16	132	200	4.8	1:8
HMS-10-210-2000	1	210	A	G ½"	-	41	22	-	136	180	3.9	1:6
HMS-10-210-2001	1	210	C	G ½"	M33x1.5	41	41	16	136	199	3.9	1:6
HMS-10-350-2001	1	350	C	G ½"	M33x1.5	41	45	20	144	211	6.4	1:6
HMS-14-140-2000	1.4	140	A	G ½"	-	41	22	-	144	196	2.4	1:6
HMS-14-250-2000	1.4	250	A	G ½"	-	41	22	-	150	202	3.9	1:6
HMS-14-250-2001	1.4	250	C	G ½"	M33x1.5	41	41	16	150	221	4.9	1:6
HMS-14-350-2001	1.4	350	C	G ½"	M33x1.5	41	42	16	158	229	7.6	1:6
HMS-20-140-2000	2	140	C	G ½"	M33x1.5	41	40	16	166	239	6.8	1:4
HMS-20-250-2000	2	250	B	G ¾"	-	41	21	-	166	220	6.7	1:4
HMS-20-350-2000	2	350	B	G ¾"	-	41	21	-	174	228	9.6	1:6
HMS-28-250-2000	2.8	250	D	G ¾"	M45x1.5	55	41	18	174	285	10.8	1:4
HMS-35-250-2000	3.5	250	B	G ¾"	-	41	22	-	174	305	12.4	1:4
HMS-35-350-2000	3.5	350	D	G ¾"	M45x1.5	55	41	20	174	324	12.7	1:4

* Max. permissible pressure ratio.
Manufacturing tolerances are not taken into account. Subject to modifications.



DIAPHRAGM ACCUMULATOR HMS

TYPE CODE

DIAPHRAGM ACCUMULATOR HMS	
Nominal size [litres]	
0.075 / 0.16 / 0.32 / 0.5 / 0.75 / 1 / 1.4 / 2 / 2.8 / 3 / 3.5	
Max. operating pressure [bar]	
140 / 210 / 250 / 350	
Approval identification	
CE	90
GUS	71
None, Art. 4.3 PED	00
Others on request	
Calculation standard	
AD 2000	D
EN 14359	E
ASME	A
Permissible approval operating pressure [bar]	
According to approval	
Accumulator body material	
Carbon steel	A
Stainless steel	R
Membrane material	
NBR (standard)	25
ECO (Hydrin)	02
IIR (butyl)	40
FKM (Viton)	80
Gas connection size	
M28x1.5	A
Special connection, details in article description	Z
Size of oil connection	
IG ½"	A
IG ¾"	B
IG ½" and M33 x 1.5 outside	C
IG ¾" and M45 x 1.5 outside	D
Precharge pressure [bar]	
Special design	
ATEX – Zone 1 (II 2G)	X
Details in article description, e.g. painted RAL9005	Z

HMS 0.05 - 250 / 90 D 250 A 25 AA 000 Z

