

AMERICAN VALVES

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                CIRC. ELEM.          ELEMENT          CIRC.
                SEL.  SEL.  RANGE  SELECT          SEL.
VALVE          FIL.V.  SEL.  SEL.  RANGE  DIODE          DIODE  RANGE
=====
00A            5.0    A    -    -    -    -    -
01A            5.0    A    1    20   -    -    -
1A6            2.0    A    6    21   -    -    -
1B5/25S       2.0    A    3    19   (D1) 1&6    A    25
1C4            2.0    A    8    18   -    -    -
1C6            2.0    A    6    20   -    -    -
1C7G           2.0    A    7    22   -    -    -
1D4            2.0    A    1    18   -    -    -
1D5G           2.0    A    8    21   -    -    -
1D7            2.0    A    7    20   -    -    -
1D7G           2.0    A    7    22   -    -    -
1E5G           2.0    A    8    21   -    -    -
1E7G           2.0    A    1    20   (2nd P) 7    A    20
1F4            2.0    A    1    19   -    -    -
1F5G           2.0    A    7    19   -    -    -
1F6            2.0    A    8    21   (D1) 5-6 35% OK    A    21
1F7G           2.0    A    8    21   (D1) 1-7 35% OK    A    21
1H4G           2.0    A    7    22   -    -    -
1H6G           2.0    A    6    21   (D1) 1-7 35% OK    A    21
1J6G           2.0    A    1    21   (2nd P) 7    A    21
1K4            2.0    A    8    18   -    -    -
1K5G           2.0    A    8    20   -    -    -
1K6            2.0    A    8    18   -    -    -
1K7G           2.0    A    8    20   (D1) 1-7 35% OK    A    21
1L5G           2.0    A    7    18   -    -    -
1M5G           2.0    A    8    20   -    -    -
1V             6.3    A    2    17   -    -    -
2A3            2.5    B    1    25   -    -    -
2A5            2.5    B    6    25   -    -    -
2A6            2.5    A    8    18   (D1) 1&6    A    24
2A7            2.5    A    6    18   -    -    -
2B7            2.5    A    8    20   (D1) 6&7    A    23
5T4            5.0    B    1    23   (2nd P) 6    B    23
5U4G           5.0    B    1    23   (2nd P) 6    B    23
5V4G           5.0    B    1    22   (2nd P) 6    B    22
5W4            5.0    B    1    24   (2nd P) 6    B    24
5Y3G           5.0    B    1    24   (2nd P) 6    B    24
5Z3            5.0    B    1    23   (2nd P) 2    B    23
5Z4            5.0    B    1    24   (2nd P) 6    B    24
6A4            6.3    A    1    16   -    -    -
6A6            6.3    A    1    18   (2nd P) 6    A    18
6A7            6.3    A    6    18   -    -    -
6A8            6.3    A    7    18   -    -    -
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AMERICAN VALVES Cont.

VALVE	FIL.V.	CIRC. SEL.	ELEM. SEL.	RANGE	ELEMENT SELECT DIODE	CIRC. SEL. DIODE	RANGE
6B6	6.3	A	8	18	-	-	-
6B6G	6.3	A	8	20	(D1) 1-7 40% OK	A	25
6B7S	6.3	A	8	22	(D1) 6&7	A	23
6B8	6.3	A	8	20	(D1) 1&7	A	24
6C5	6.3	A	7	13	-	-	-
6C6	6.3	A	8	19	-	-	-
6D6	6.3	A	8	19	-	-	-
6D8G	6.3	A	7	20	-	-	-
6E5	6.3	A	1	22	-	-	-
6F5	6.3	A	8	18	-	-	-
6F6	6.3	B	7	24	-	-	-
6F7	6.3	A	8	21	-	-	-
6G5	6.3	A	1	22	-	-	-
6G8G	6.3	A	8	22	(D1) 1-7 40% OK	A	25
6H6	6.3	A	2	18	(2nd D.7)	A	18
6J5G	6.3	A	7	18	-	-	-
6J7	6.3	A	8	18	-	-	-
6J8G	6.3	A	8	18	-	-	-
6K5G	6.3	A	8	16	-	-	-
6K6G	6.3	A	7	19	-	-	-
6K7	6.3	A	8	19	-	-	-
6K8G	6.3	A	7	15	-	-	-
6L5G	6.3	A	7	20	-	-	-
6L6	6.3	B	7	24	-	-	-
6L7	6.3	A	8	18	-	-	-
6N5	6.3	A	1	22	-	-	-
6N7	6.3	A	1	18	(2nd P) 7	A	18
6Q7	6.3	A	8	18	(D 1-7)	A	25
6RS	6.3	A	8	19	(D 1-7)	A	25
6S7G	6.3	A	8	19	-	-	-
6T7GS	6.3	A	8	20	(D1) 1-7 35% OK	A	20
6U5	6.3	A	1	21	-	-	-
6U7G	6.3	A	8	19	-	-	-
6V6G	6.3	B	7	23	-	-	-
6X5	6.3	A	2	17	(2nd P)	A	17
10	7.0	A	1	20	-	-	-
(11,12)	1.5	A	-	-	-	-	-
12Z3	12.5	A	2	16	-	-	-
15	2.0	A	8	21	-	-	-
19	2.0	A	1	20	(2nd P) 6	A	20
22	3.3	A	1	25	-	-	-
24A	2.5	A	8	19	-	-	-
25A6	25.0	B	7	23	-	-	-
25B6G	25.0	B	7	24	-	-	-

AMERICAN VALVES Cont.

VALVE	FIL.V.	CIRC. SEL.	ELEM. SEL.	RANGE	ELEMENT SELECT DIODE	CIRC. SEL. DIODE	RANGE
25L6G	25.0	B	7	25	-	-	-
25Z5	25.0	A	2	16	(2nd P) 5	A	16
25Z6	25.0	A	2	16	(2nd P) 7	A	16
26	1.5	A	1	20	-	-	-
27	2.5	A	1	18	-	-	-
30	2.0	A	1	20	-	-	-
31	2.0	A	1	20	-	-	-
32	2.0	A	8	20	-	-	-
33	2.0	A	1	18	-	-	-
34	2.0	A	8	21	-	-	-
35	2.5	A	8	18	-	-	-
36	6.3	A	8	20	-	-	-
37	6.3	A	1	19	-	-	-
38	6.3	A	8	20	-	-	-
39/44	6.3	A	8	19	-	-	-
40	5.0	A	-	-	-	-	-
41	6.3	B	6	25	-	-	-
42	6.3	B	6	25	-	-	-
43	25.0	C	6	24	-	-	-
45	2.5	B	1	25	-	-	-
46	2.5	-	-	-	-	-	-
47	2.5	B	1	25	-	-	-
48	30.0	A	1	22	-	-	-
49	2.0	A	1	20	-	-	-
50	7.5	A	2	12	-	-	-
53	2.5	A	1	20	(2nd P) 6	A	20
55	2.5	A	8	21	(D1) 1-6	A	22
56	2.5	A	1	20	-	-	-
57	2.5	A	8	18	-	-	-
58	2.5	A	8	18	-	-	-
59	2.5	B	7	25	-	-	-
71A	5.0	A	1	19	-	-	-
75	6.3	A	8	18	(D1) 1-6	A	24
76	6.3	A	1	19	-	-	-
77	6.3	A	8	19	-	-	-
78	6.3	A	8	19	-	-	-
79	6.3	A	8	18	(2nd P) 1	A	18
80	5.0	B	1	24	(2nd P) 2	B	24
81	7.5	B	2	25	-	-	-
82	2.5	B	1	25	(2nd P) 2	B	25
83	5.0	B	1	24	(2nd P) 2	B	24
83V	5.0	B	1	22	(2nd P) 2	B	22
84	6.3	A	1	18	(2nd P) 2	A	18
85	6.3	A	8	22	(D1) 1-6	A	24

AMERICAN VALVES Cont.

VALVE	FIL.V.	CIRC. SEL.	ELEM. SEL.	RANGE	ELEMENT SELECT DIODE	CIRC. SEL. DIODE	RANGE
89	6.3	A	8	22	-	-	-
X99	3.3	A	1	22	-	-	-
112A	5.0	A	1	18	-	-	-

PHILIPS VALVES

A109	1.3	A	1	21	-	-	-
A209	2.0	A	1	21	-	-	-
A409	4.0	A	1	20	-	-	-
A415	4.0	A	1	18	-	-	-
A425	4.0	A	1	18	-	-	-
A435	4.0	A	1	-	-	-	-
A442	4.0	A	1	18	-	-	-
A609	5.0	A	1	18	-	-	-
A615	5.0	A	1	17	-	-	-
A630	5.0	A	1	17	-	-	-
A635	5.0	A	1	18	-	-	-
A642	5.0	A	1	18	-	-	-
AB2	4.0	A	1	18	(2nd D) 2	A	20
ABC1	4.0	A	8	18	(D1) 6-7	A	19
AC2	4.0	A	8	18	-	-	-
AF2	4.0	A	6	17	-	-	-
AF3	4.0	A	8	17	-	-	-
AF7	4.0	A	8	18	-	-	-
AK1	4.0	A	8	18	-	-	-
AK2	4.0	A	7	17	-	-	-
AL2	4.0	A	8	18	-	-	-
AL3	4.0	B	1	24	-	-	-
AZ3	4.0	A	2	17	(2nd P) 6	A	17
B217	2.0	A	1	18	-	-	-
B240	2.0	A	1	18	(2ND. P) 6	A	18
B242	2.0	A	-	-	-	-	-
B255	2.0	A	1	17	-	-	-
B262	2.0	A	1	18	-	-	-
B403	4.0	A	1	20	-	-	-
B405	4.0	A	1	22	-	-	-
B406	4.0	A	1	18	-	-	-
B409	4.0	A	1	17	-	-	-
B443	4.0	A	1	18	-	-	-
B605	5.0	A	1	19	-	-	-
C243	2.0	A	1	19	-	-	-
C243N	2.0	A	1	16	-	-	-
C443	4.0	A	1	19	-	-	-
C603	5.0	A	1	19	-	-	-

PHILIPS VALVES Cont.

VALVE	FIL.V.	CIRC. SEL.	ELEM. SEL.	RANGE	ELEMENT SELECT DIODE	CIRC. SEL. DIODE	RANGE
C606	5.0	A	1	19	-	-	-
C643	5.0	A	1	19	-	-	-
CB1	12.5	A	1	18	(2nd D1) 8	A	18
CBC1	12.5	A	8	18	(D1) 6-7	A	19
CC1	12.5	A	8	17	-	-	-
CF1	12.5	A	8	18	-	-	-
CF2	12.5	A	8	18	-	-	-
CK1	12.5	A	7	17	-	-	-
CL2	25.0	B	8	24	-	-	-
CL4	30.0	B	8	17	-	-	-
CY2	30.0	A	2	17	-	-	-
D243	2.5	A	1	19	-	-	-
E406	4.0	B	1	24	-	-	-
E409	4.0	A	1	20	-	-	-
E415	4.0	A	1	17	-	-	-
E424	4.0	A	1	18	-	-	-
E438	4.0	A	1	18	-	-	-
E442	4.0	A	1	19	-	-	-
E442S	4.0	A	1	19	-	-	-
E443H	4.0	B	1	25	-	-	-
E443N	4.0	B	1	25	-	-	-
E444	4.0	A	-	-	-	-	-
E444N	4.0	A	1	19	-	-	-
E445	4.0	A	1	18	-	-	-
E446	4.0	A	6	18	-	-	-
E447	4.0	A	6	18	-	-	-
E452T	4.0	A	1	17	-	-	-
E454	4.0	A	8	-	(D1) 5-7	A	-
E455	4.0	A	-	-	-	-	-
E463	4.0	B	6	24	-	-	-
F443	4.0	B	-	-	-	-	-
F443N	4.0	B	1	24	-	-	-
EB4	6.3	A	8	17	(D1) 6	A	17
EBC3	6.3	A	8	18	(D1) 6-7	A	20
EBF1	6.3	A	8	20	(D1) 6-7	A	24
EBL1	6.3	A	8	17	(D1) 1-7	A	25
EF5	6.3	A	8	18	-	-	-
EF6	6.3	A	8	18	-	-	-
EK2	6.3	A	7	18	-	-	-
EL2	6.3	A	8	17	-	-	-
EL3	6.3	A	7	18	-	-	-
EL5	6.3	A	7	17	-	-	-
EM1	6.3	A	7	18	-	-	-
EZ2	6.3	A	2	18	(2nd P) 6	A	18

PHILIPS VALVES Cont.

VALVE	FIL.V.	CIRC. SEL.	ELEM. SEL.	RANGE	ELEMENT SELECT DIODE	CIRC. SEL. DIODE	RANGE
EZ3	6.3	A	2	17	(2nd P) 6	B	17
KB2	2.0	A	-	21	(2nd D1) 2	A	21
KBC1	2.0	A	8	20	(D1) 6-7	A	20
KC3	2.0	A	7	16	-	-	-
KDD1	2.0	A	-	18	(2nd p) 7	A	18
KF1	2.0	A	6	17	-	-	-
KF2	2.0	A	6	17	-	-	-
KF3	2.0	A	8	16	-	-	-
KF4	2.0	A	8	18	-	-	-
KK2	2.0	A	2	18	-	-	-
KL4	2.0	A	2	17	-	-	-
1561	4.0	B	1	24	(2nd P) 2	B	24
1867	4.0	B	1	21	(2nd P) 2	B	21
4666N	4.0	B	1	24	-	-	-
4678	6.3	A	7	18	-	-	-

MULLARD VALVES

AC3	1.5	A	A	20	-	-	-
AC4	5.0	A	1	18	-	-	-
AC044	4.0	B	1	19	-	-	-
AC064	4.0	A	1	23	-	-	-
AC104	4.0	A	1	19	-	-	-
D020	7.5	A	1	21	-	-	-
D026	4.0	B	1	25	-	-	-
DU2	4.0	A	1	18	(2nd P)	A	18
DU10	4.0	A	1	19	(2ND P)	A	19
DW4	4.0	B	1	25	(2nd P)	B	25
DW15	7.5	A	-	-	-	-	-
HL13	12.5	A	8	17	-	-	-
IW3	4.0	B	1	25	(2nd P)	-	25
MM4V	4.0	A	1	18	-	-	-
Pen. 4VA	4.0	B	6	25	-	-	-
Pen. 26	25.0	B	8	24	-	-	-
PM1A	2.0	A	1	21	-	-	-
PM1DG	2.0	A	MAX.	60% good	-	-	-
PM1HF	2.0	A	1	21	-	-	-
PM1HL	2.0	A	1	18	-	-	-
PM1LF	2.0	A	1	21	-	-	-
PM2	2.0	A	1	18	-	-	-
PM2A	2.0	A	1	18	-	-	-
PM2B	2.0	A	1	18	(2nd P) 2	A	18
PM2BA	2.0	A	1	19	(2nd P) ?	A	19
PM2DX	2.0	A	1	18	-	-	-

MULLARD VALVES Cont.

VALVE	FIL.V.	CIRC. SEL.	ELEM. SEL.	RANGE	ELEMENT SELECT DIODE	CIRC. SEL. DIODE	RANGE
PM3	4.0	A	1	20	-	-	-
PM3A	4.0	A	1	19	-	-	-
PM4	4.0	A	1	17	-	-	-
PM4DY	4.0	A	1	18	-	-	-
PM5B	6.0	A	1	18	-	-	-
PM5X	6.0	A	1	17	-	-	-
PM6	6.0	A	1	19	-	-	-
PM6D	6.0	A	1	19	-	-	-
PM12	2.0	A	1	19	-	-	-
PM12A	2.0	A	1	18	-	-	-
PM12M	2.0	A	1	17	-	-	-
PM12V	2.0	A	1	18	-	-	-
PM14	4.0	A	1	18	-	-	-
PM16	6.0	A	1	18	-	-	-
PM22	2.0	A	1	17	-	-	-
PM22A	2.0	A	-	-	-	-	-
PM24	4.0	A	1	18	-	-	-
PM24A	4.0	A	1	19	-	-	-
PM24B	4.0	B	1	25	-	-	-
PM24M	4.0	B	1	25	-	-	-
PM26	6.0	A	1	19	-	-	-
PM202	2.0	A	1	18	-	-	-
PM252	2.0	A	1	23	-	-	-
PM254	4.0	A	1	20	-	-	-
PM256	6.0	A	1	19	-	-	-
S4VA	4.0	A	1	19	-	-	-
S4VB	4.0	A	1	19	-	-	-
SP2	2.0	A	1	16	-	-	-
SP4	4.0	A	1	19	-	-	-
SP13	12.5	A	8	18	-	-	-
TDD2	2.0	A	8	20	(D1) 1-6	A	20
TDD4	4.0	A	8	18	(D1) 5-7	A	20
UP13A	12.5	A	8	18	-	-	--
UR2	30.0	A	2	19	(2nd P)	A	19
VP2	2.0	A	6	17	-	-	-
VP4	4.0	A	6	18	-	-	-
2D13	12.5	A	1	18	(D1) 1	A	-
104V	4.0	A	1	20	-	-	-
164V	4.0	A	1	17	-	-	-
244V	4.0	A	1	18	-	-	-
354V	4.0	A	1	18	-	-	-
904V	4.0	A	1	18	-	-	-