



ASSOCIATED VALVE DETAIL
(FNW 7xx-Series Resilient seat BFVs)

REF.NO.	DESCRIPTION	MATERIAL	QTY	REMARKS
1	Case	ASTM A126 Cl. B	1	
2	Gear	ASTM A536 65-45-12	1	Not Shown
3	Worm	Steel	1	Not Shown
4	Shaft	Steel	1	Nickel Plated
5	Cover	ASTM A126 Cl. B	1	
6	Shaft Pin	Steel	1	Not Shown
7	Cover Screw	Steel	4	
8	Stop Screw	Steel	4	
9	Key	Carbon Steel	2	Not Shown
10	Hand Wheel	ASTM A126 Cl. B	1	
11	Cover Gasket	Fiber Paper	1	
12	Gear Top O-ring	Rubber	1	
13	Hand Wheel Pin	Steel	1	

VALVE SIZE	RATIO	A	G	C	D	E	K	Ø	n-h	PCD	B	W	H	F	ØC	H1
2	24:1	8.74	2.83	2.13	1.77	1.10	6.85	5.79	4-M8	2.76	-	-	0.60	0.43	0.55	-
2-1/2	24:1	8.74	2.83	2.13	1.77	1.10	6.85	5.79	4-M8	2.76	-	-	0.60	0.43	0.55	-
3	24:1	8.74	2.83	2.13	1.77	1.10	6.85	5.79	4-M8	2.76	-	-	0.60	0.55	0.63	-
4	24:1	8.74	2.83	2.13	1.77	1.10	6.85	5.79	4-M8	2.76	-	-	0.70	0.55	0.63	-
6	24:1	8.74	2.83	2.13	1.77	1.10	6.85	5.79	4-M8	2.76	-	-	0.75	0.67	0.87	-
8	30:1	10.51	3.31	2.99	2.60	1.34	11.50	11.81	4-M8	2.76	-	-	0.81	0.67	0.87	-
10	30:1	10.51	3.31	2.99	2.60	1.34	11.50	11.81	4-M10	4.02	-	-	0.81	0.87	1.10	-
12	50:1	10.51	3.31	2.99	2.60	1.34	11.50	11.81	4-M10	4.02	-	-	0.95	0.87	1.10	-
14	50:1	13.62	3.49	3.09	3.05	1.54	12.15	11.81	4-M10	4.02	0.20	0.39	2.76	-	1.10	2.36
16	50:1	13.62	3.49	3.09	3.05	1.54	12.15	11.81	4-M16	5.51	0.20	0.39	2.95	-	1.26	2.36
18	50:1	13.62	3.49	3.09	3.05	1.54	12.15	15.55	4-M16	5.51	0.20	0.47	2.95	-	1.50	2.36
20	80:1	17.32	4.33	5.12	5.31	1.57	18.31	15.55	4-M20	6.50	0.20	0.47	3.54	-	1.77	2.76
24	80:1	17.32	4.33	5.12	5.31	1.57	18.31	15.55	4-M20	6.50	0.20	0.55	3.74	-	2.17	2.76

FNW™

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TITLE/DESCRIPTION: FNW G731 QUARTER-TURN WORM GEAR OPERATOR, ISO MOUNT

DATE: 1-18-2006	BY: PEA	UNITS: INCHES
SCALE: NONE	APP'D:	PAGE(S): 1

MODEL: G731
DWG NO: FNWG731

NOTES: DRILLINGS TO MATCH FNW 7xx RESILIENT SEATED BUTTERFLY VALVES w/ ISO MOUNTING PADS

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