


NO.	PART NAME	MATERIAL	NOTE
1	BODY	ASTM A216 WCB	—
2	WEDGE	ASTM A351 CF8M+STL	—
3	SEAT	ASTM A182 F316+STL	—
4	STEM	ASTM A182 F316	—
5	BOLT	ASTM A193 B7M	—
6	NUT	ASTM A194 2HM	—
7	GASKET	SS316+FLEXIBLE GRAPHITE	—
8	BONNET	ASTM A216 WCB	—
9	BACKSEAT	ASTM A182 F316	—
10	PACKING	FLEXIBLE GRAPHITE	—
11	GLAND	ASTM A182 F6A	—
12	GLAND FLANGE	ASTM A216 WCB	—
13	NUT	ASTM A194 2HM	—
14	EYEBOLT	ASTM A193 B7M	—
15	PIN	AISI 1025	—
16	STEM NUT	H62	—
17	LOCK NUT	AISI 1025	—
18	HANDWHEEL	QT400-18	—
19	BEARING GLAND	AISI 1025	—
20	LUBING NIPPLE	BRASS	—

CUSTOMER : AL HAKIM FLOW CONTROL VALVES LLC
ORDER NUMBE : AHPO24-00000302

ITEM NO.	NPS	d	L	O	W	R	t	f	N-φ	DO	H(O/C)	SIZE NO.	TAG NO.	WEIGHT
20	6"	152.4	267	279	241.3	215.9	23.9	1.5	8-22	300	785/617	06	FBVGAF071	75(KG)
21	8"	203.2	292	343	298.4	269.7	26.9	1.5	8-22	350	985/765	08	FBVGAF072	120(KG)

DESIGN & MFG.	API 600	TEST PRESSURE		E					DESIGN: HE	DATE: 2024.06.25	DWG NO.
FACE TO FACE DIM.	ASME B16.10	SHELL 3.0 Mpa	SEAT HDYRO 2.2 Mpa	D					REVIEW: LSY	DATE: 2024.06.25	GA1R1C416R0H
END CONNECTION	RF ASME B16.5	SEAT AIR 0.6 Mpa	BACKSEAT 2.2 Mpa	C					APPROVE: -	DATE: -	
WALL THICKNESS	ASME B16.34	L.OP.TEMP.	1.9 Mpa -29 °C	B					CLASS 150 RF BOLTED BONNET WEDGE GATE VALVE HANDWHEEL OPERATED		 Engineered Solutions® FBV, INC. 2121 FM 359 South Brookshire, TX 77423 USA TEL: 832-203-5459 FAX: 832-203-5461 http://www.fbvalve.com
SPE	API 598/NACE MR0175	H.OP.TEMP.	0.5 Mpa 425 °C	A	-	-	-	-			
		REV			DESCRIPTION	PREP.	APP'D	DATE			