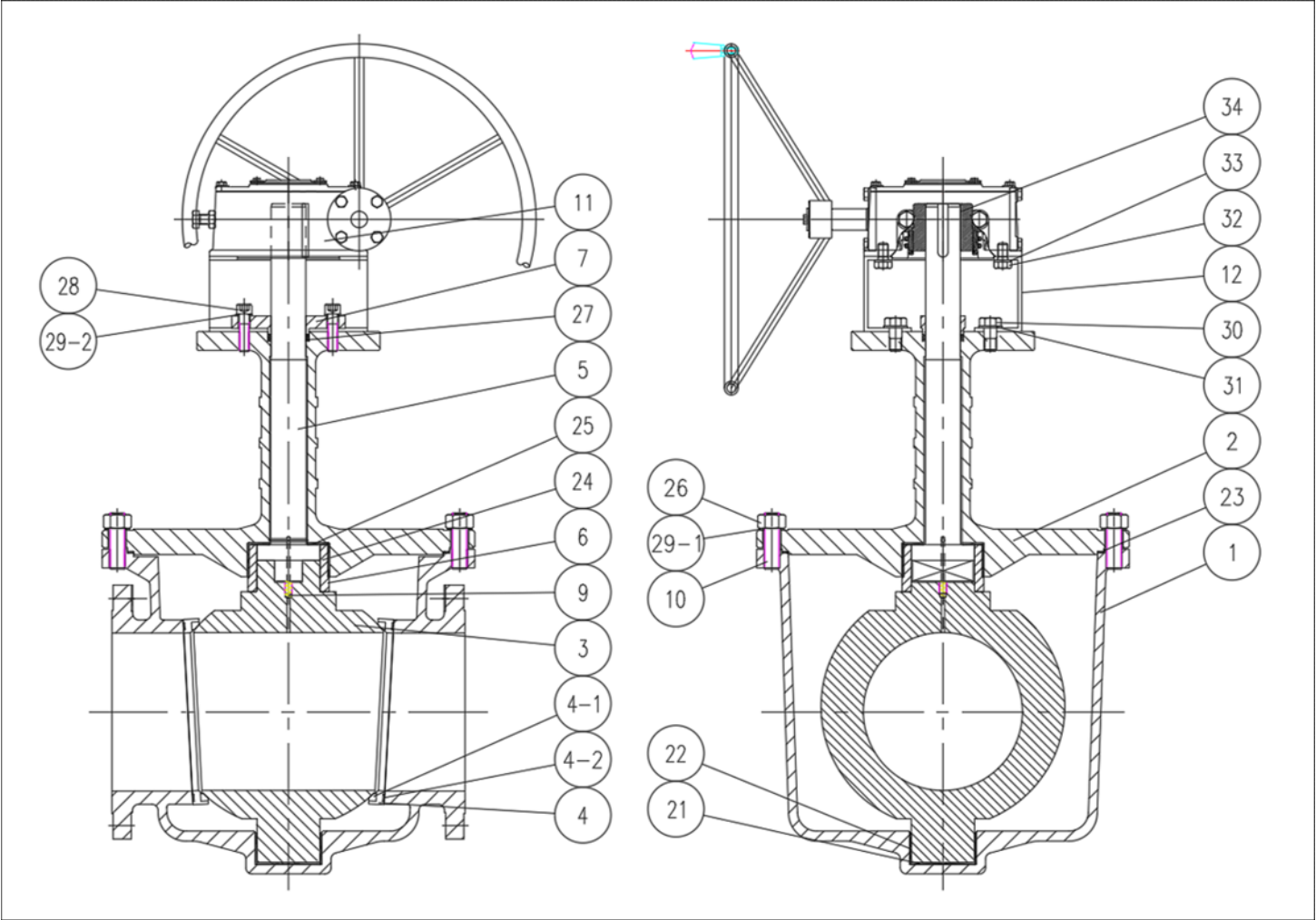


CRYOGENIC TOP ENTRY BALL VALVE (Worm Gear Operating Type)



Material List

NO.	Part	Material	NO.	Part	Material
1	BODY	A351-CF8M	21	BALL PACKING	PTFE
2	BONNET	A351-CF8M	22	LOWER BEARING	316SS+G.P
3	BALL	A276-316	23	BONNET GASKET	GRAPHITE
4	SEAT RING	A276-316	24	UPPER BEARING	316SS+G.P
4-1	SOFT SEAT	PCTFE	25	STEM PACKING	GRAPHITE
4-2	BACK SEAT	GRAPHITE	26	HEX. NUT	A194-8M
5	STEM	A276-316	27	GLAND PACKING	GRAPHITE
6	BALL SLEEVE	A276-316	28	WRENCH BOLT	A193-B8M
7	GLAND FLANGE	A240-316	29-1	LOCK WASHER	316SS
8	LEVER	A351-CF8M	29-2	LOCK WASHER	316SS
9-1	SPRING	316SS	30	HEX. NUT	316SS
9-2	SPRING	316SS	31	SPRING WASHER	316SS
10	STUD BOLT	A193-B8M	32	HEX. BOLT	316SS
11	WORM GEAR	A536 Gr.65-45-12	33	SPRING WASHER	316SS
12	BRACKET	A240-316	34	KEY	S45C