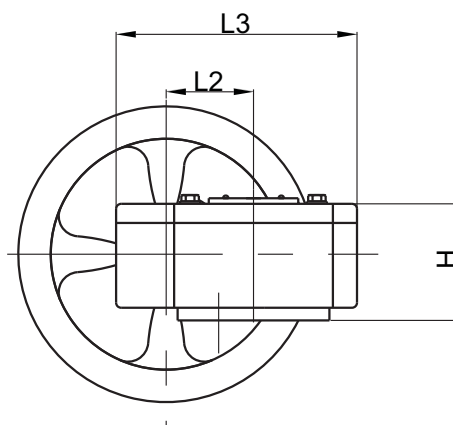
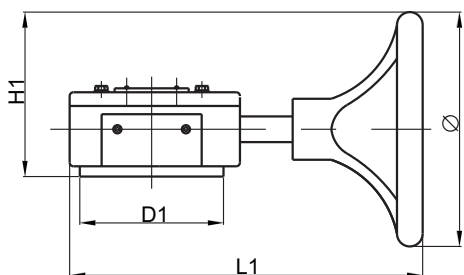


**Material Specification**

Part	Material
Housing	Cast Iron
Cover	Cast Iron
Worm	Carbon Steel
Worm Gear	Ductile Iron
Shaft	Carbon Steel
Handwheel	Cast Iron

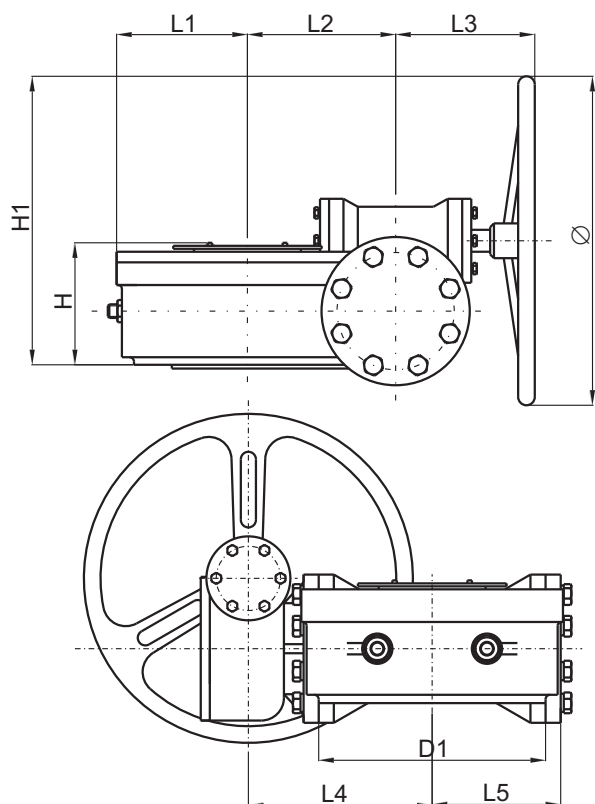


**Dimensions**

Model	Concentric Valve		Eccentric Valve		D1	Ø	H	H1	L1	L2	L3	Output Torque (N. M)	Rate
	Size inch mm	Size inch mm	Size inch mm	Size inch mm									
3D-15	2-6 50-150	2-5 50-125	108	145	65	113	212	45	129	200	24:1		
3D-50	8-10 200-250	6-8 150-200	146	285	70	182	305	62	171	500	30:1		
3D-120	12-14 300-350	10-12 250-300	165	285	77	182	300	85	198	1200	50:1		
XJ80	16-18 400-450	14-16 350-400	234	385	103	247	423	120	280	2500	80:1		
XJ300	20-24 500-600	18-20 450-500	276	385	143	270	490	122	316	4000	293.5:1		

**Gearbox**

2-Stage/3-Stage Transmission



**Material Specification**

Part	Material
Housing	Cast Iron
Cover	Cast Iron
Worm	Carbon Steel
Worm Gear	Ductile Iron
Shaft	Carbon Steel
Handwheel	Cast Iron

**Dimensions**

Model	Valve Type		D1	Ø	H	H1	L1	L2	L3	L4	L5	Output torque (N. M)	Rate
	Concentric Valve Size inch mm	Eccentric Valve Size inch mm											
3DE-30/250	16-18 400-450	16 400	197	285	125	271	107	100	156	168	107	2500	560:1
3DE1-30/250	20 500	16 450	197	285	124	276	107	100	160	175	107	2500	560:1
3DE1-30/400	24 600	20 500	276	385	136	330	131	125	160	193	131	4000	560:1
3D-60/800	28-30 700-750	24 600	300	425	158	373	173	162	197	244.5	173	8000	704:1
3DE-60/800	32-36 800-900	28-30 700-750	300	425	149	378	146	140	197	230	146	8000	704:1
3D-120/1500	40-44 1000-1100	32-36 800-900	300	425	185	409	201	196	203	279	201	15000	680:1
3D-120/2500	48 1200	40-44 1000-1100	350	425	216	423	185	240	203	311	255	25000	850:1
3D-200/4000	56 1400	48 1200	415	510	267	553	208	345	258	435	355	40000	1440:1
3D-200/6300	64 1600	56 1400	470	510	312	562	316	410	237	450	425	63000	1728:1
3D-200/8550	72 1800	64 1600	560	510	326	570	360	460	237	466	475	80000	1920:1
3D-600/12000	80 2000	72 1800	650	600	48	240	410	602	265	725	630	120000	1875:1
3D-30/600/18000	88-96 2200-2400	80-88 2000-2200	800	600	570	240	442	696	364	742	726	180000	3750:1
3D-30/600/68000	104-120 2600-3000	96-112 2400-2800	800	600	520	240	438	768	364	742	726	680000	4000:1