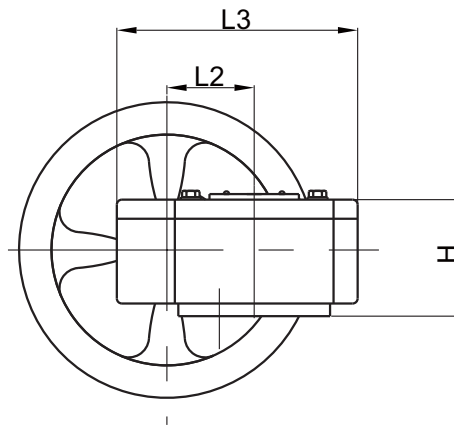
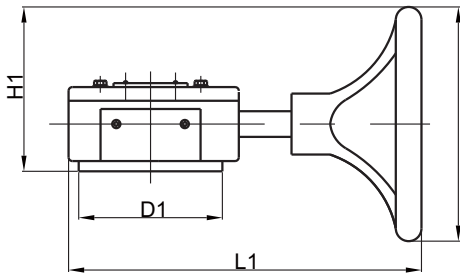




Material Specification

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

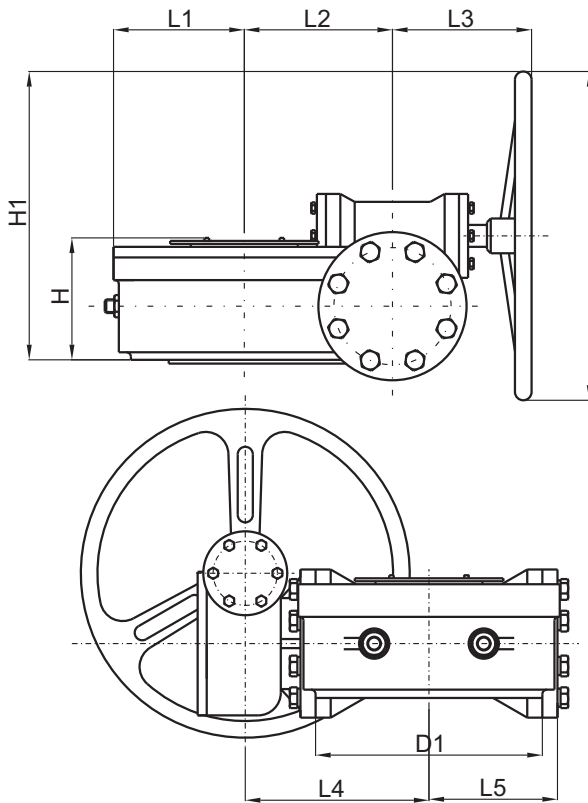


Dimensions

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	2-5			108	145	65	113	212	45	129	200	24:1
	50-150	50-125											
3D-50	8-10	6-8			146	285	70	182	305	62	171	500	30:1
	200-250	150-200											
3D-120	12-14	10-12			165	285	77	182	300	85	198	1200	50:1
	300-350	250-300											
XJ80	16-18	14-16			234	385	103	247	423	120	280	2500	80:1
	400-450	350-400											
XJ300	20-24	18-20			276	385	143	270	490	122	316	4000	293.5:1
	500-600	450-500											

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	Concentric Valve Eccentric Valve		D1	Ø	H	H1	L1	L2	L3	L4	L5	Output torque (N. M)	Rate
	Size inch mm	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