

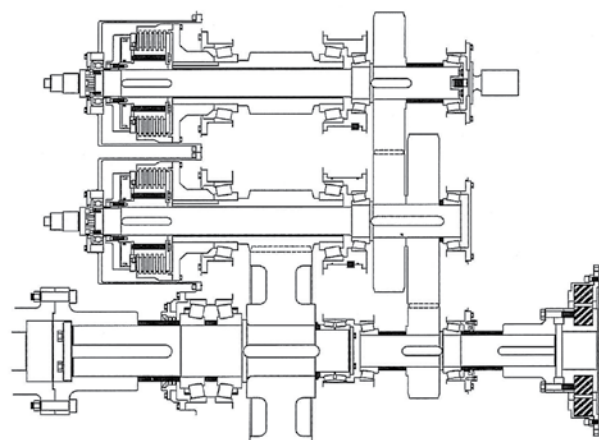
DRV : Vertical Double Reduction
Reversing Gears

DRI : Inline Double Reduction
Reversing Gears



DRV Series

Double reduction, reversing, vertical offset gear arrangements. Double reduction gears allow for high speed engines and large reductions. Standard horsepower ranges are from 800 hp to 5000 hp and standard ratios are from 3.0:1 to 8.2:1.



DRI Series

Double reduction, reversing, coaxial gear arrangements. Double reduction gears allow for high speed engines and large reductions. Standard horsepower ranges are from 800 hp to 5000 hp and standard ratios are from 3.0:1 to 8.2:1.

Gear Elements

All DRI/DRV series gear elements are fully inspected carburized, hardened and precision ground. These high quality gears are excellent for high speed diesel engines and large reduction ratios. The high accuracy of the gears results in very low noise.

Clutches

These heavy duty hydraulic clutches are specifically designed for haley marine propulsion gears. These externally mounted clutches allow up to 100% larger clutch area than our nearest competitor's gear, while allowing better cooling with easy accessibility for repair or removal.

Bearings

All bearings are current production of tapered roller or spherical roller bearings manufactured in the U.S. By leading manufacturers.

Gear Cases

Gear cases are fabricated in our Greenville facility by experienced and skilled fabrication engineers. New standard cases as well as special cases can be completed in a few weeks.

Lube Systems

Oil pressure flow from precision gear pumps, with dual fine mesh cleanable filter. Suitable coolers of any type are available.

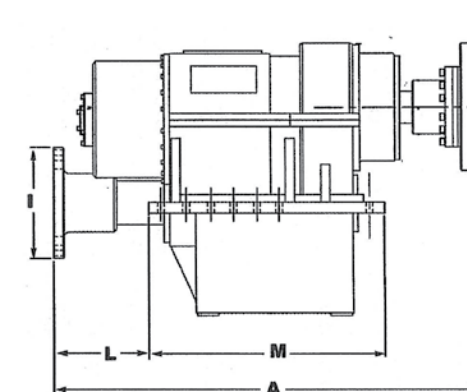
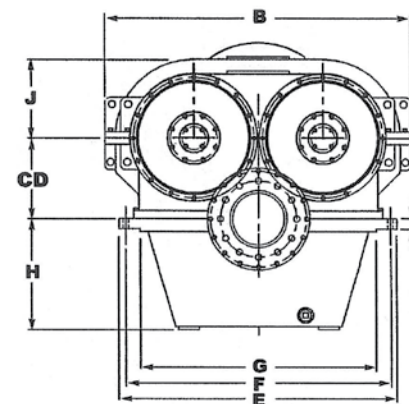
Controls

The latest versions of clutch and system controls are available in both electric and pneumatic activation for standard slip or dynamic positioning systems.

Engineering Assistance

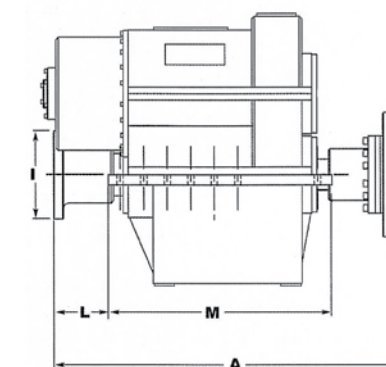
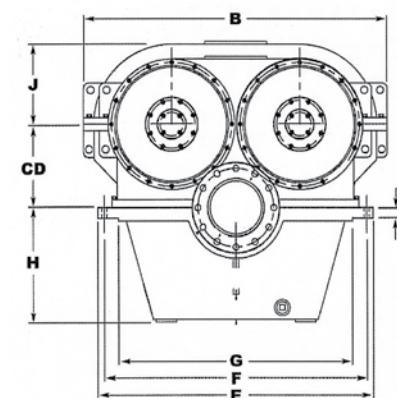
CAD engine and gear installation drawings, lube and cooling system drawings. Torsional analysis, or mass elastic data available. Start up and service engineers available at all times.

Special center distance available upon request. Consult engineering department for installation drawings and/or selection of torsional vibration damping couplings and shaft brake systems



DRV

Model	HP	RPM	Ratio	A	B	CD	D	E	F	G	H	I	J	L	M
DRV-1711	1200/1600	1200/1800	3.0/7.0:1	59.20	na	16.56	1.50	46.25	43.50	35.75	20.93	18.00	11.00	27.00	31.50
				1504	na	421	38	1175	1105	908	532	457	279	686	800
DRV-1816	1400/2000	1200/1800	3.0/7.0:1	87.50	56.00	18.00	1.75	53.75	42.00	34.00	22.25	18.50	15.50	21.75	41.50
				2223	1420	460	45	1365	1070	865	565	470	390	550	1055
DRV-2016	1600/2250	1200/1800	3.0/7.0:1	87.50	56.75	20.00	2.00	54.25	48.00	36.00	22.00	20.00	15.75	20.00	42.50
				2223	1441	508	51	1378	1219	914	559	508	400	508	1080
DRV-2416	1600/2500	1200/1800	3.0/7.5:1	87.50	58.00	24.00	2.25	53.50	51.00	42.00	21.50	20.00	16.00	19.37	45.00
				2223	1475	610	55	1360	1295	1065	545	510	405	490	1145
DRV-2816	1800/3500	1200/1800	3.0/8.2:1	112.60	60.25	28.00	2.25	56.00	50.50	42.50	22.75	22.00	16.50	18.25	48.25
				2860	1530	711	57	1422	1283	1080	578	559	419	464	1226
DRV-3216	2000/4000	1200/1800	3.0/8.2:1	112.60	65.00	82.00	2.50	58.25	48.75	42.75	20.50	24.00	16.75	20.25	48.50
				2860	165	813	64	1480	1238	1086	521	610	425	514	1232



DRI

Model	HP	RPM	Ratio	A	B	CD	D	E	F	G	H	I	J	L	M	N
DRI-1711	1200/1600	1200/1800	3.0/7.0:1	51.00	54.00	coax	1.50	46.50	43.50	36.00	16.5	16.50	10.00	7.00	30.00	11.50
				1295	1370	"	38	1180	1105	915	419	420	255	180	760	292
DRI-1816	1400/2000	1200/1800	3.0/7.0:1	62.00	54.00	coax	1.75	48.75	46.50	39.50	18.00	16.75	12.25	10.00	36.50	12.75
				15.75	1372	"	44	1238	1181	991	457	425	311	254	927	324
DRI-2016	1600/2250	1200/1800	3.0/7.0:1	75.00	54.00	coax	2.00	53.50	51.00	42.00	21.50	21.00	15.50	15.00	44.88	15.68
				1905	1370	"	50	1360	1295	1066	546	535	393	381	1140	400
DRI-2416	1600/2500	1200/1800	3.0/7.5:1	102.00	54.00	coax	2.00	56.50	62.00	54.75	24.50	22.50	18.75	26.00	46.75	18.75
				2590	1372	"	50	1435	1575	1391	622	572	476	660	1187	476
DRI-2816	1800/3500	1200/1800	3.0/8.2:1	108.00	na	coax	2.00	76.00	72.00	64.00	28.00	25.00	20.00	38.00	47.00	23.11
				2743	na	"	50	1930	1830	1625	710	635	508	965	1195	587
DRI-3216	2000/4000	1200/1800	3.0/8.2:1	112.00	64.00	coax	2.50	78.50	82.50	72.00	32.50	26.75	22.00	42.00	48.25	26.25
				2845	1626	"	64	1994	2096	1829	826	679	560	1067	1226	667