



Since : 1990

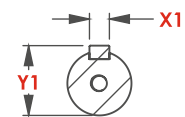
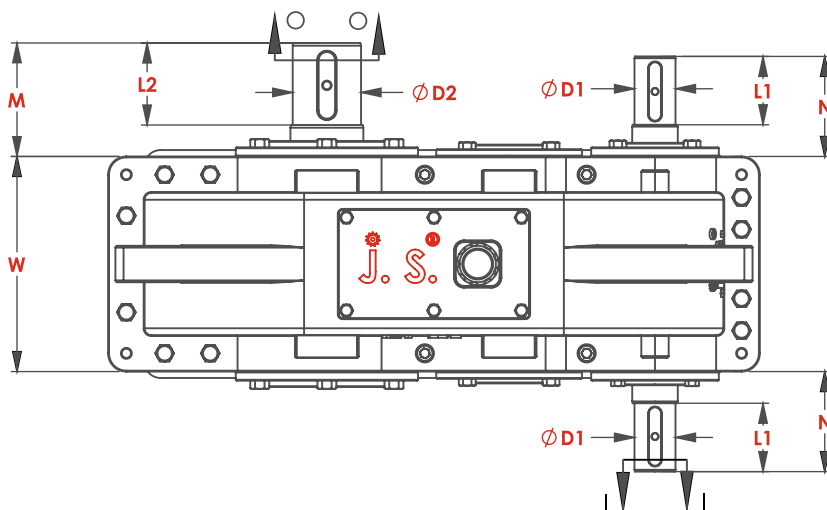
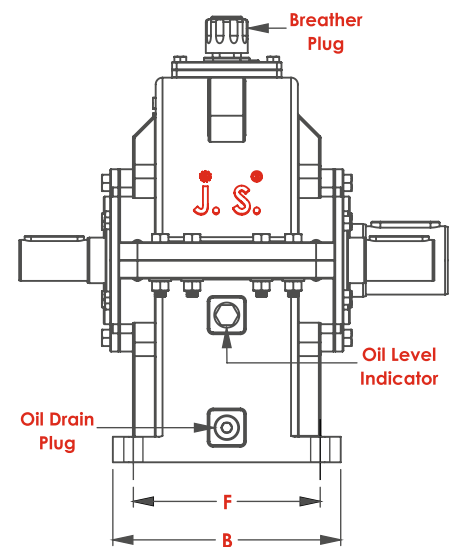
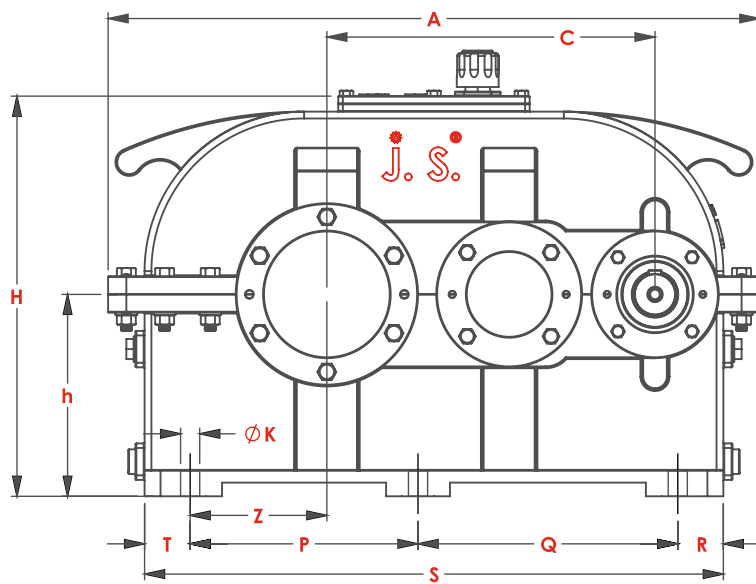
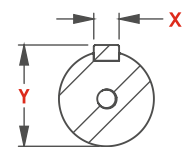
LT Series Gearboxes

Rigid design for steel mill duty EOT cranes for long-travel and cross-travel applications.

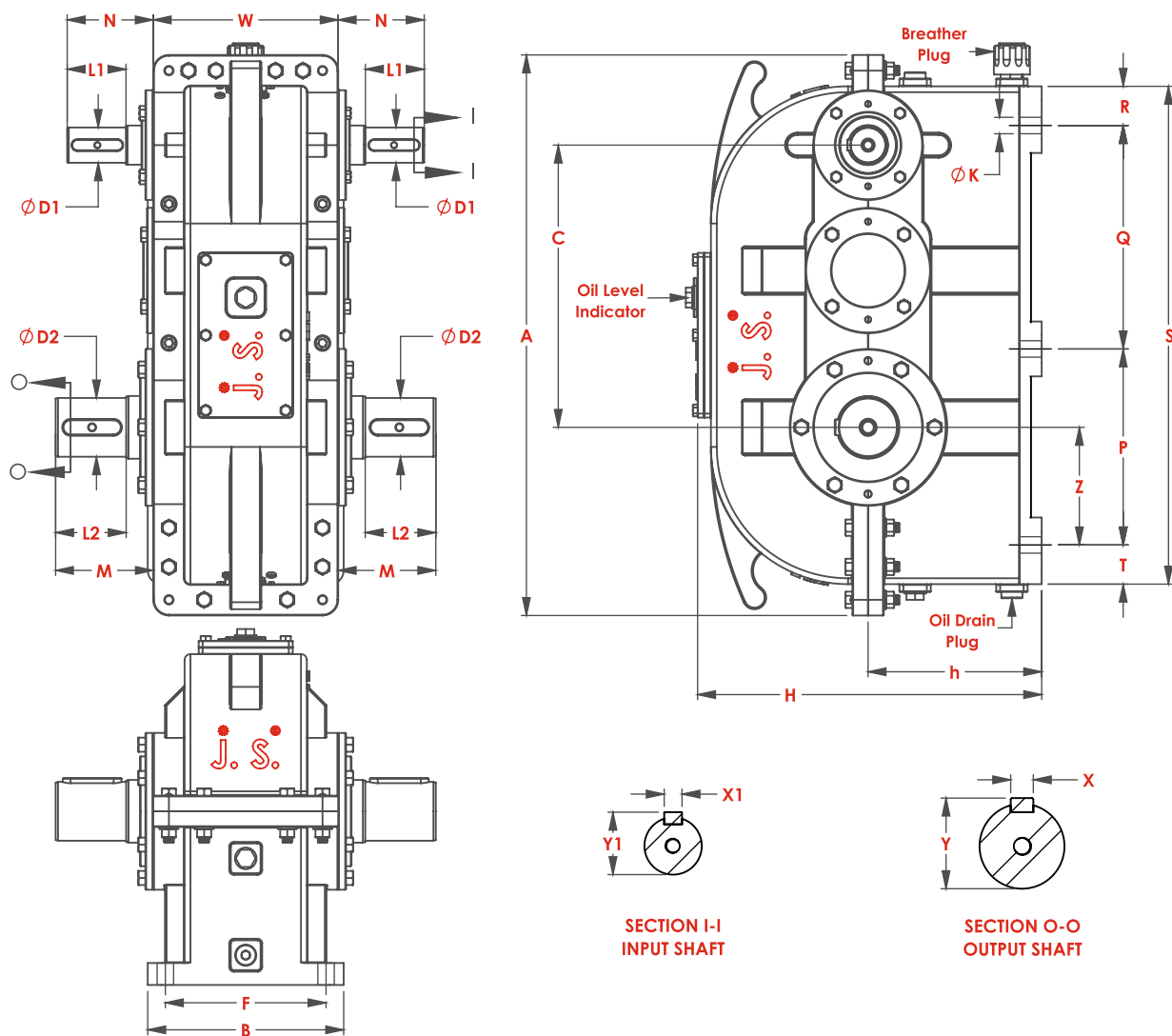


Your Specialist For Gearbox

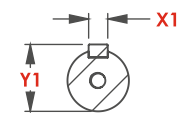
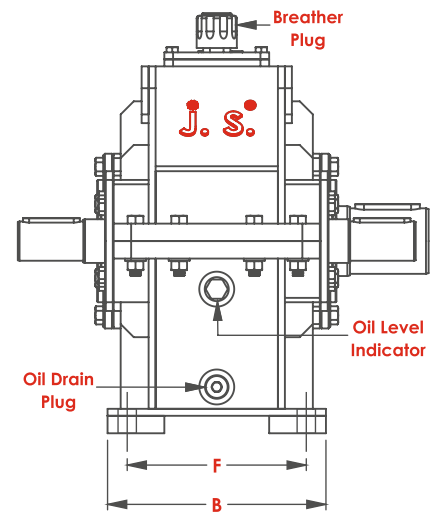
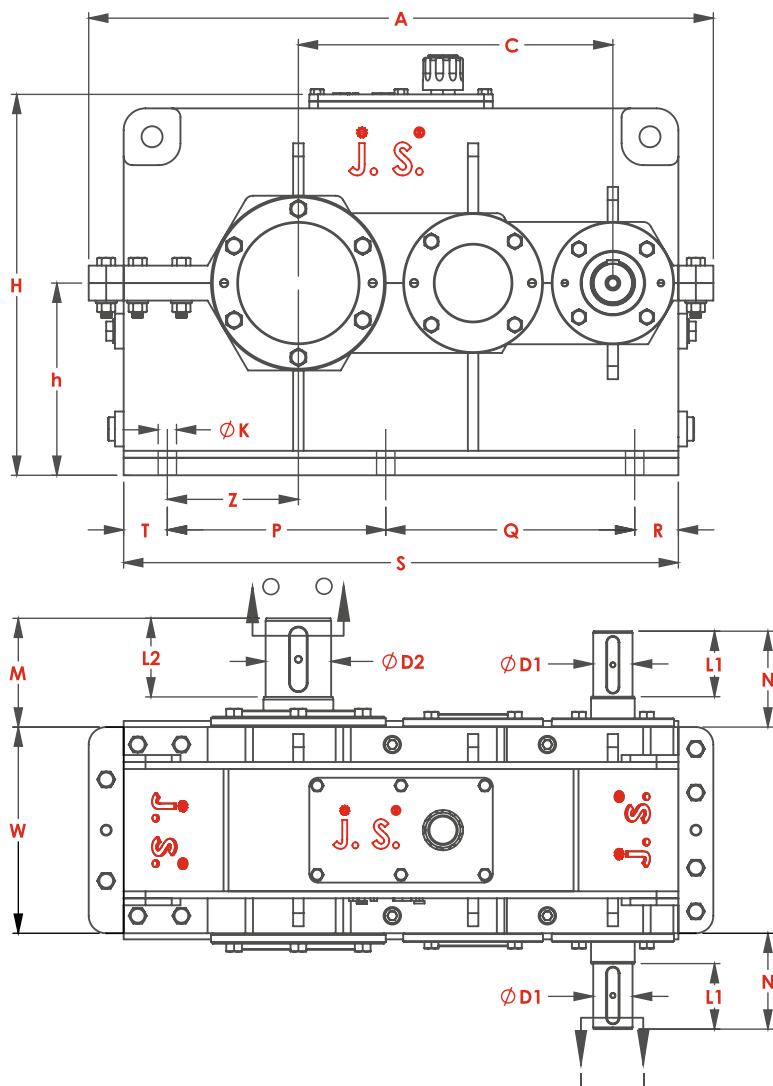
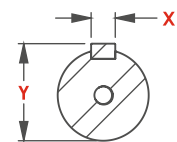
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SECTION I-I
INPUT SHAFTSECTION O-O
OUTPUT SHAFT

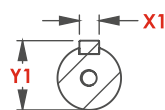
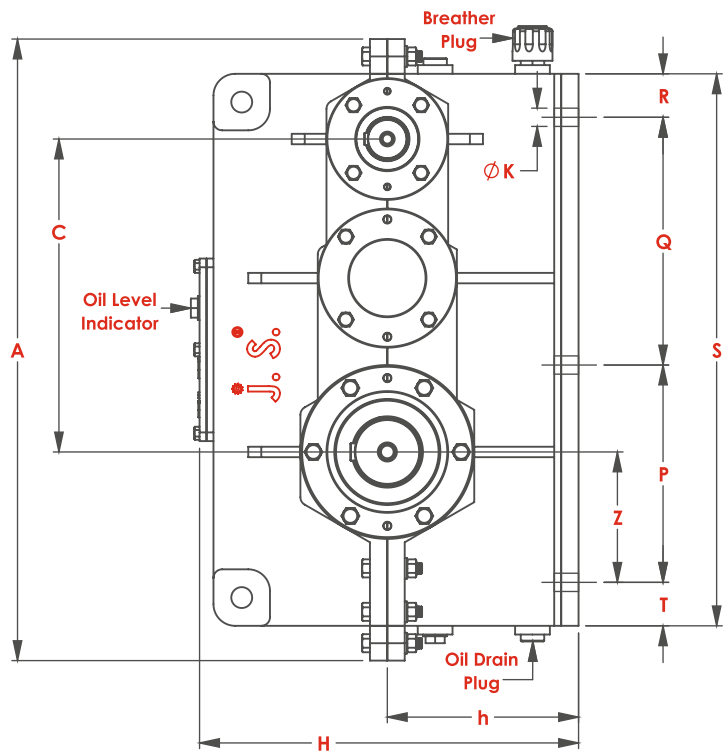
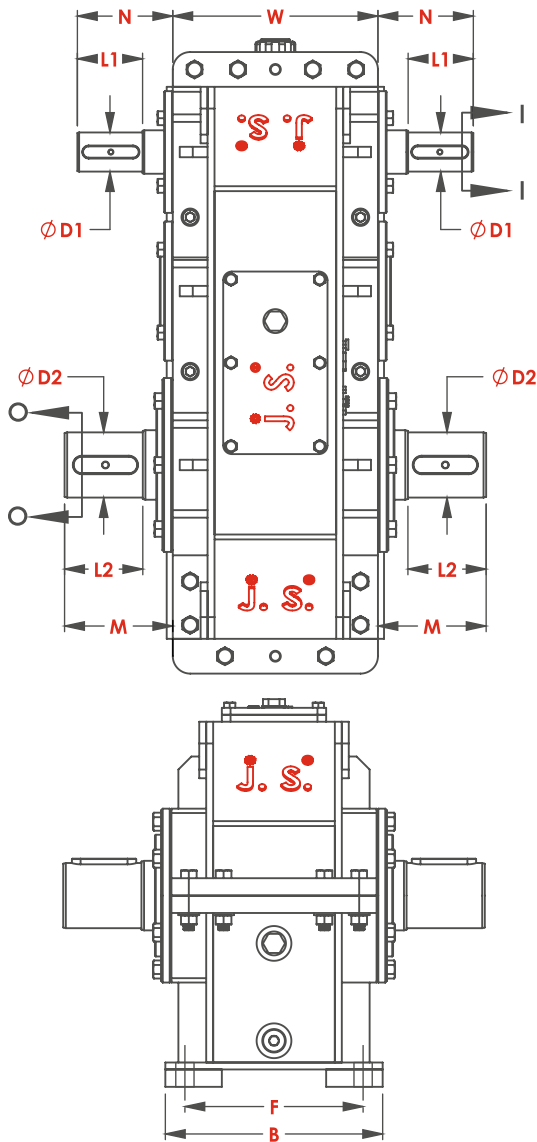
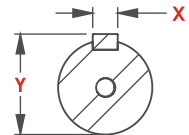
Type	Input Shaft		Output Shaft		Dimensions (mm)																		Avg. Wgt.	Oil Qty.		
MODEL	ØD1	L1	ØD2	L2	C	A	H	h	Z	T	P	Q	R	S	W	B	F	N	M	ØK	X1	Y1	X	Y	KG	Ltr
LT-250	32	60	58	80	250	540	340	170	110	40	185	195	40	460	186	210	165	95	120	17	10	35.5	16	62.5	90	6
LT-305	32	60	65	80	305	650	420	210	155	40	245	245	40	570	196	210	170	100	108	19	10	35.5	18	69.5	135	10
LT-360	45	75	75	90	360	715	440	222	150	50	250	285	50	635	236	250	205	110	125	21	14	49	20	80	220	15



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MODEL	ØD1	L1	ØD2	L2	C	A	H	h	Z	T	P	Q	R	S	W	B	F	N	M	ØK	X1	Y1	X	Y	KG	Ltr
LT-250	32	60	58	80	250	540	340	170	110	40	185	195	40	460	186	210	165	95	120	17	10	35.5	16	62.5	90	6
LT-305	32	60	65	80	305	650	420	210	155	40	245	245	40	570	196	210	170	100	108	19	10	35.5	18	69.5	135	10
LT-360	45	75	75	90	360	715	440	222	150	50	250	285	50	635	236	250	205	110	125	21	14	49	20	80	220	15

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OUTPUT SHAFT

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MODEL	ØD1	L1	ØD2	L2	C	A	H	h	Z	T	P	Q	R	S	W	B	F	N	M	ØK	X1	Y1	X	Y	KG	Ltr
LT-250	32	60	58	80	250	540	340	170	110	40	185	195	40	460	186	210	165	95	120	17	10	35.5	16	62.5	100	5
LT-305	32	60	65	80	305	650	420	210	155	40	245	245	40	570	196	210	170	100	108	19	10	35.5	18	69.5	140	9
LT-360	45	75	75	90	360	715	436	220	150	50	250	285	50	635	236	250	205	110	125	21	14	49	20	80	200	12

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MODEL	ØD1	L1	ØD2	L2	C	A	H	h	Z	T	P	Q	R	S	W	B	F	N	M	ØK	X1	Y1	X	Y	KG	Ltr
LT-250	32	60	58	80	250	540	340	170	110	40	185	195	40	460	186	210	165	95	120	17	10	35.5	16	62.5	100	5
LT-305	32	60	65	80	305	650	420	210	155	40	245	245	40	570	196	210	170	100	108	19	10	35.5	18	69.5	140	9
LT-360	45	75	75	90	360	715	436	220	150	50	250	285	50	635	236	250	205	110	125	21	14	49	20	80	200	12

SELECTION TABLE

RATIO	INPUT RPM	OUTPUT RPM	TWO STAGE LT GEARBOX INPUT KW RATING		
In	N1	N2	LT-250	LT-305	LT-360
6	1500	250	18	35	52.5
	1000	166.6	12	23.5	35.5
	750	125	9	18	27
8	1500	187.5	16	31	45.5
	1000	125	11	20.5	30
	750	93.7	8	15.5	23
10	1500	150	12.5	25	37
	1000	100	8.5	16.5	24.5
	750	75	6.5	12.5	18.5
12	1500	125	10.5	20	27.5
	1000	83.3	7	13.5	18.5
	750	62.5	5.5	10	14
14	1500	107.1	9	17.5	24
	1000	71.4	6	12	16
	750	53.5	4.5	9	12
16	1500	93.7	7.5	15	21.5
	1000	62.5	5	10	14.5
	750	46.8	4	7.5	11
18	1500	83.3	6.5	13.5	18.5
	1000	55.5	4.3	9.5	12.5
	750	41.6	3.3	7.5	9.5
20	1500	75	5.8	12	17.5
	1000	50	3.8	8.5	11.5
	750	37.5	2.9	6	9
22	1500	68.1	5.4	10.5	15
	1000	45.4	3.5	7	10
	750	34	2.7	5.5	8
26	1500	57.6	5	9.8	14
	1000	38.4	3.3	6.5	9.4
	750	28.8	2.5	5.2	7.5



Gear Case

- ⚙ Super rigid housing of graded cast iron
- ⚙ Fabricated case available on request.



Gears

- ⚙ Made from high graded alloy steel case harden (HRC-58 to 62) and precision CNC profile ground. Accuracy DIN 6* / DIN 7*



Bearings

- ⚙ All Roller Bearings Heavy Duty



Oil Seals

- ⚙ Input/output shafts incorporate double oil seals imported grade (Viton on request)



Assembly

- ⚙ Gears and housing are assembled and test-run technicians after stringent QC.
- ⚙ Bearing temperature is 100% tested during the trial operation.
- ⚙ Noise is kept below the standard 85dB.



Recommend Lubricant



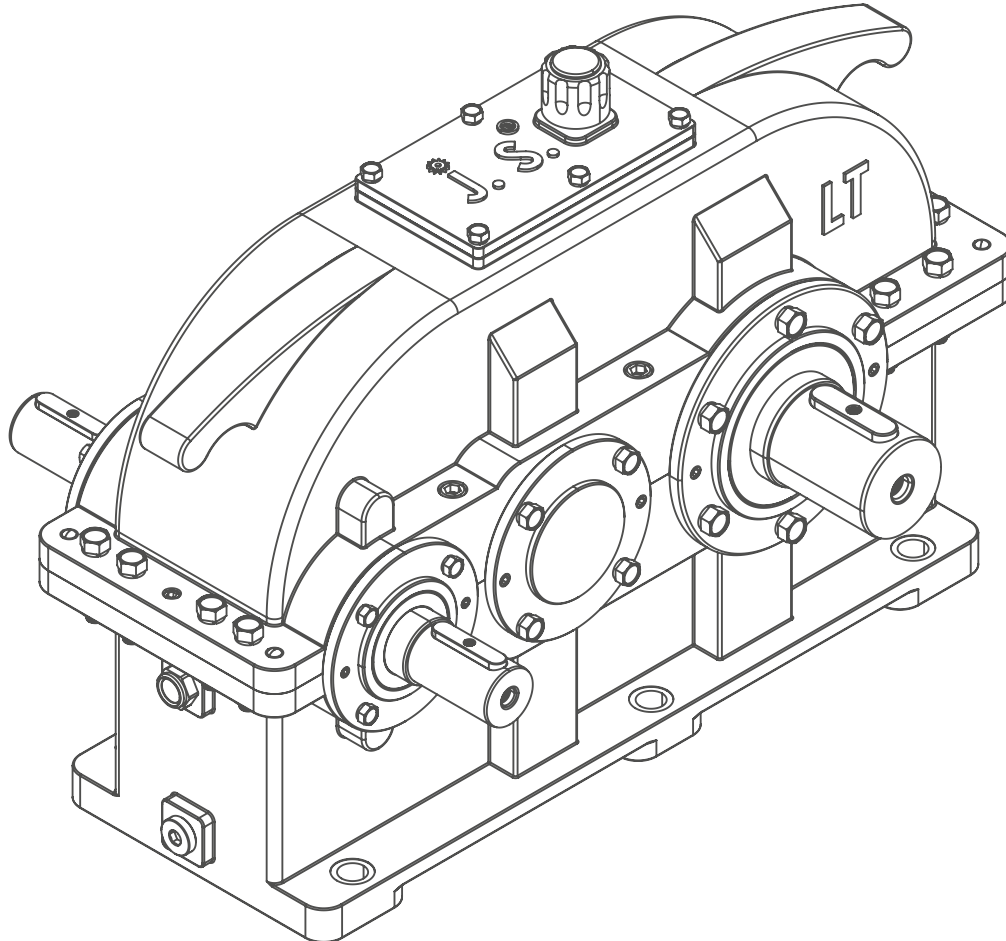
Synthetic Oil

- ⚙ ISO VG 320 100% PAO (Poly alfa olefins) base synthetic oil
- ⚙ Up to 4 times longer oil life compared to any conventional mineral oil.
- ⚙ Deliver energy efficiency
- ⚙ Observe temperature reduction.
- ⚙ Increased gear & bearing life. Lesser evaporation due to lower velocity



Mineral Oil

- ⚙ ISO VG 320/460
- ⚙ Changing period : 4500 Hours



Since : 1990



J.S. GEAR

**51, Saundarya Industrial Park, Bakrol-Bujrang Village,
Tal.: Daskroi, Dist.: Ahmedabad-382 430. Gujarat, India.**



jsgears@jsgears.in



www.jsgears.in