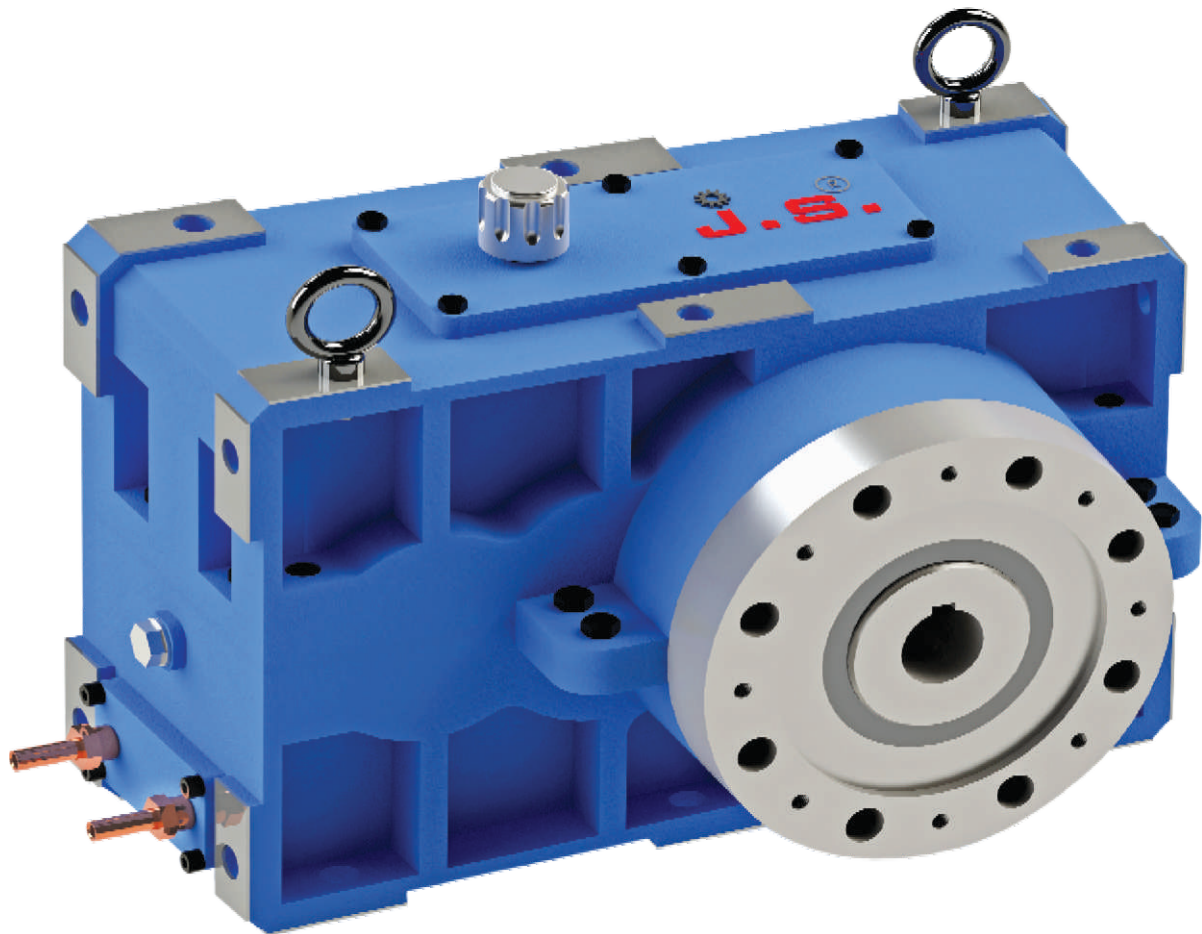




Since : 1990

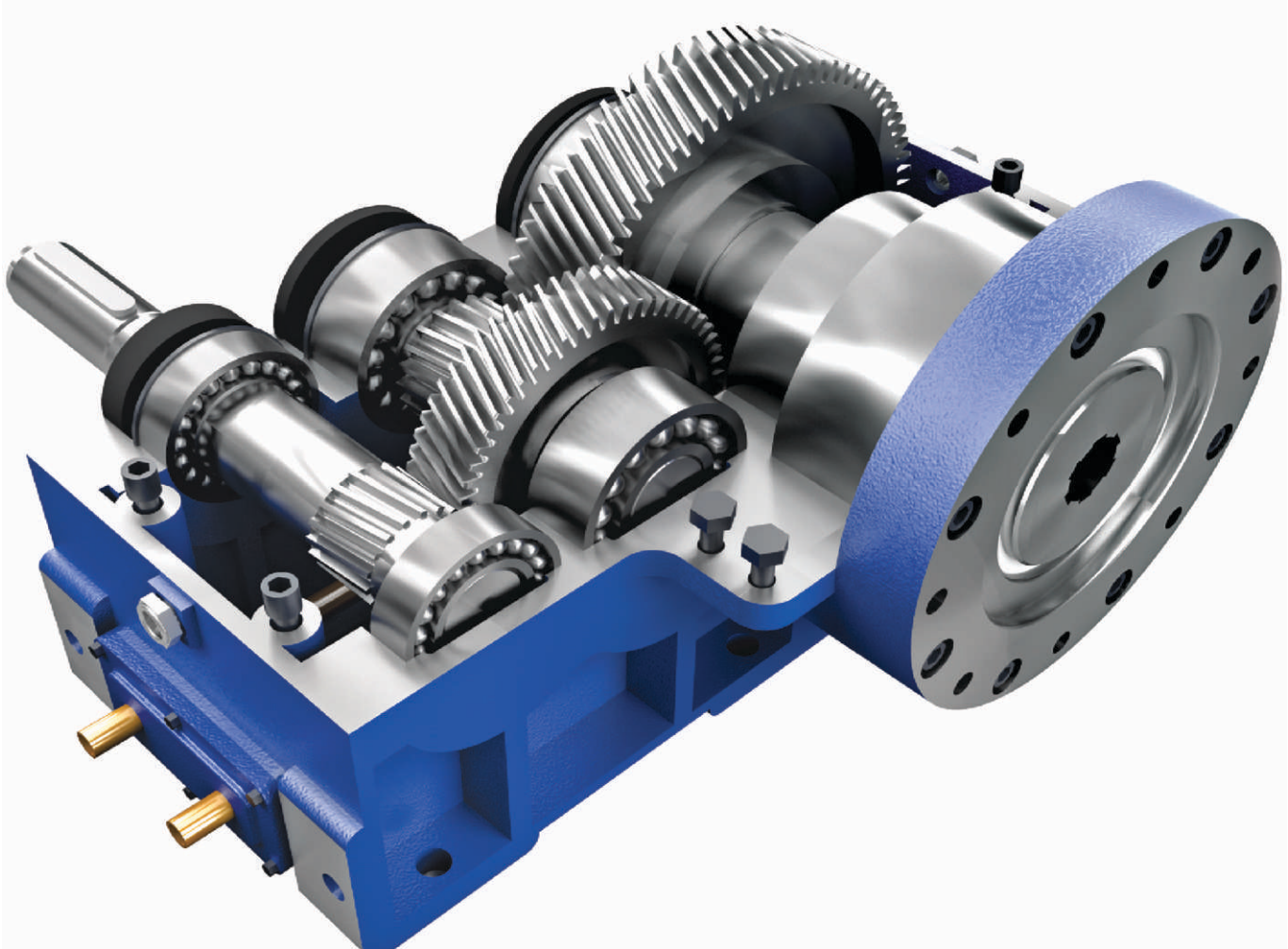


Extruder Duty Helical Gear Box



 YouTube Video

Gear Box Internal Composition



- **Gear Case**

Super Rigid Housing of
Graded Cast Iron Machine on
High - Precision Machine

- **Output Hollow Shaft**

Made From High Graded Alloy Steel
Harden & Ground

- **Bearing**

Top quality Roller bearings
to be selected precisely calculated
for carry heavy load

- **Water Cooling**

In-built

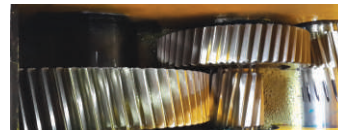
- **Gears**

Made From High Graded Alloy Steel
Harden (HRC - 58 to 61) and Precision
Profile Ground to Meet Higher Standard
DIN 5 / DIN 6

- **Oil Seal**

Input / Output Shafts Incorporate
Double Oil Seals Imported

- **Assembly**



Gears and housing are assembled
and test-run by technicians
after stringent QC.

Bearing temperature is 100% tested
During the trial operation.

Noise is kept below the standard 90dB.

Recommend Lubricant

Synthetic Oil

ISO VG 320

100% PAO (Poly Alfa Olefins)

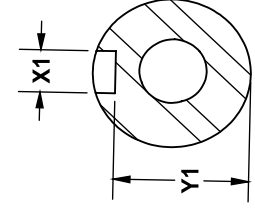
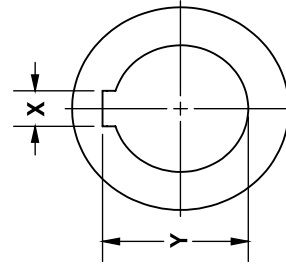
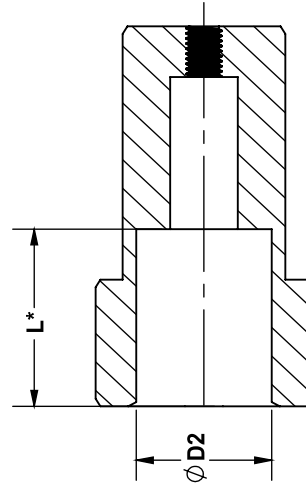
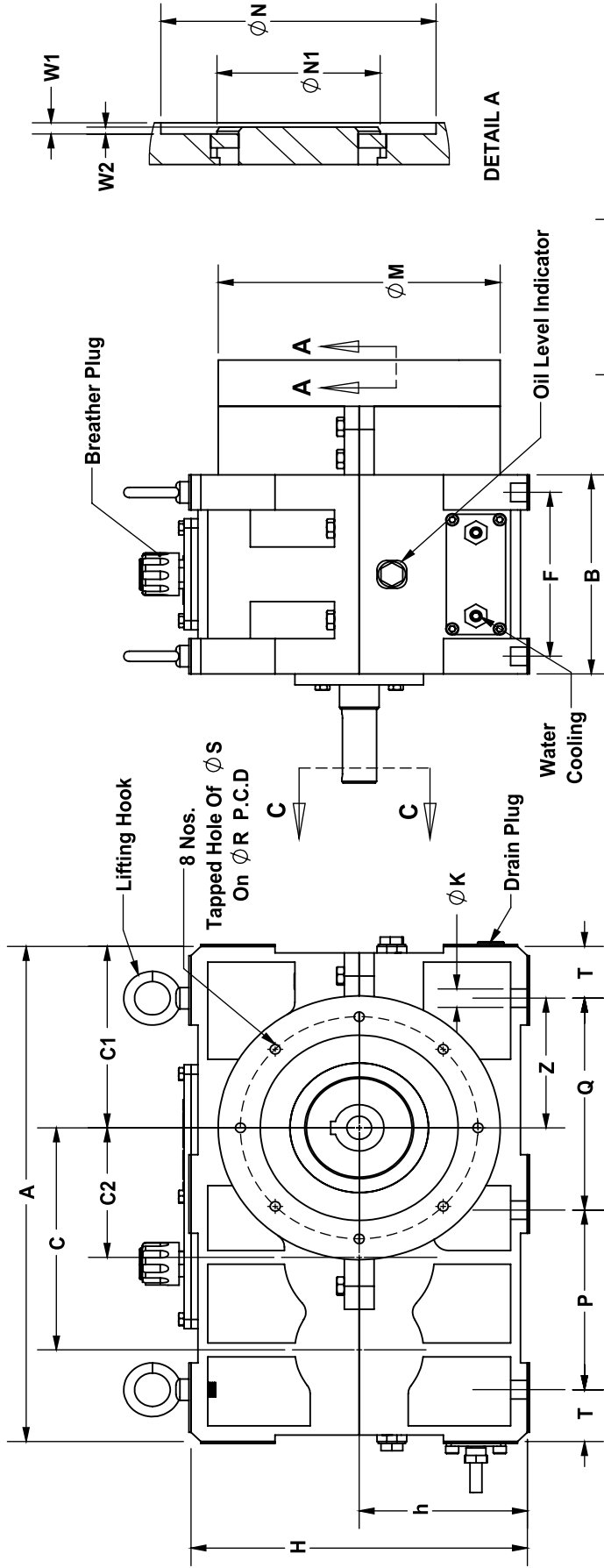
Base Synthetic Oil

- 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

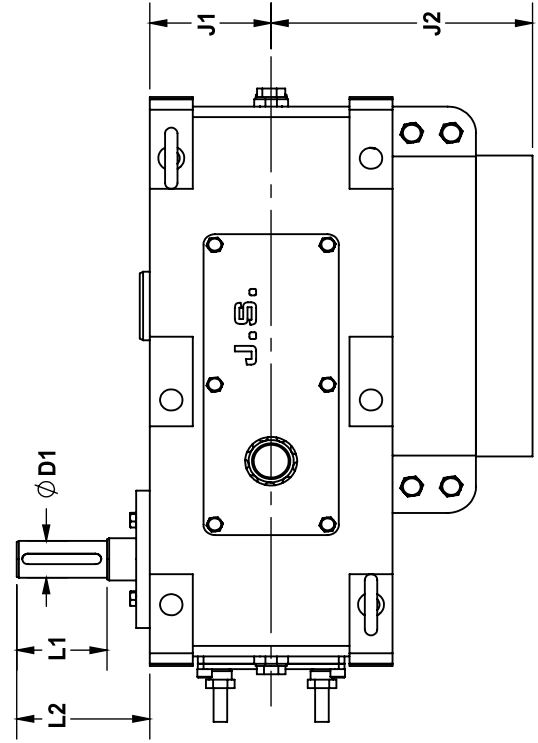
Mineral Oil

ISO VG 320 / 460

Changing Period : 6000 Hours



INPUT SHAFT



GEARBOX HOUSING DIMENSION													
TYPE	C	C1	C2	A	H	h	Z	T	P	Q	B	F	ØK
MODEL													
SBH-90	155	115	90	330	215	105	60	55	220	N/A	156	132	14
SBH-110	190	167	110	456	265	133	118	49	358	N/A	186	165	14
SBH-125	215	172	125	485	285	143	122	50	185	200	205	170	14
SBH-140	240	196	140	535	340	170	140	56	203	220	215	190	17
SBH-160	270	184	160	578	356	178	125	59	205	255	265	230	19
SBH-180	305	220	180	636	395	198	153	67	222	280	280	250	21
SBH-200	340	232	200	702	420	210	161	71	260	300	296	265	23
SBH-225	385	260	225	790	484	242	180	80	300	330	330	280	25
SBH-250	430	320	250	980	582	291	205	115	375	375	412	352	27

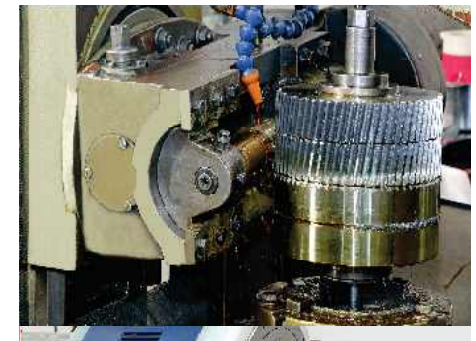
TYPE	INPUT SHAFT				MOUNTING FLANGE										OIL	
	ØD1	L1	X1	Y1	ØM	ØN	ØN1	W1	W2	ØR	ØS	THRUST (BRG)*		WEIGHT (APPROX)*	QUANTITY*	
MODEL																
SBH-90	20	55	6	16.5	150	100	60	7	5	125	M10	32309		90Kg	4 Ltr	
SBH-110	25	60	8	21	220	115	80	8	5	180	M12	29414		100Kg	5 Ltr	
SBH-125	30	80	8	26	240	130	90	8	5	200	M12	29416		125Kg	7 Ltr	
SBH-140	35	80	10	30	285	200	110	8	5	240	M12	29418		173Kg	10 Ltr	
SBH-160	45	105	14	39.5	285	200	125	10	5	250	M16	29420		236Kg	15 Ltr	
SBH-180	50	110	14	44.5	315	200	130	10	5	280	M16	29422		300Kg	20 Ltr	
SBH-200	50	110	16	44	360	240	150	10	5	290	M20	29426		460Kg	30 Ltr	
SBH-225	60	140	18	53	400	245	165	14	5	325	M24	29430		675Kg	50 Ltr	
SBH-250	70	140	20	62.5	475	340	210	14	5	410	M24	29434		900Kg	70 Ltr	

Note :

All Dimensions are in mm.

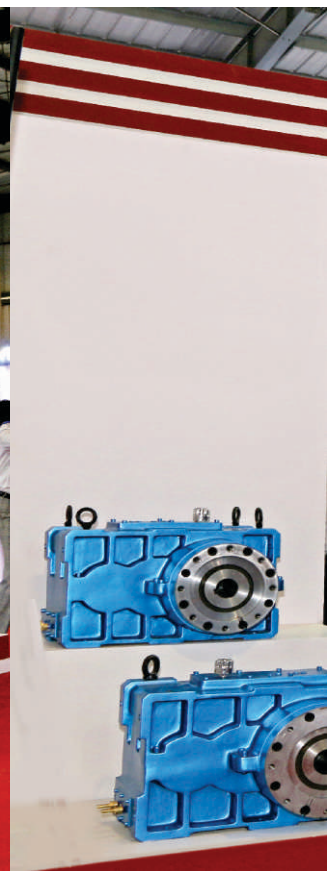
Available Ratio :- 6:1, 8:1, 10:1, 13:1, 15:1, 17:1, 20:1, 22:1.

*Condition Apply



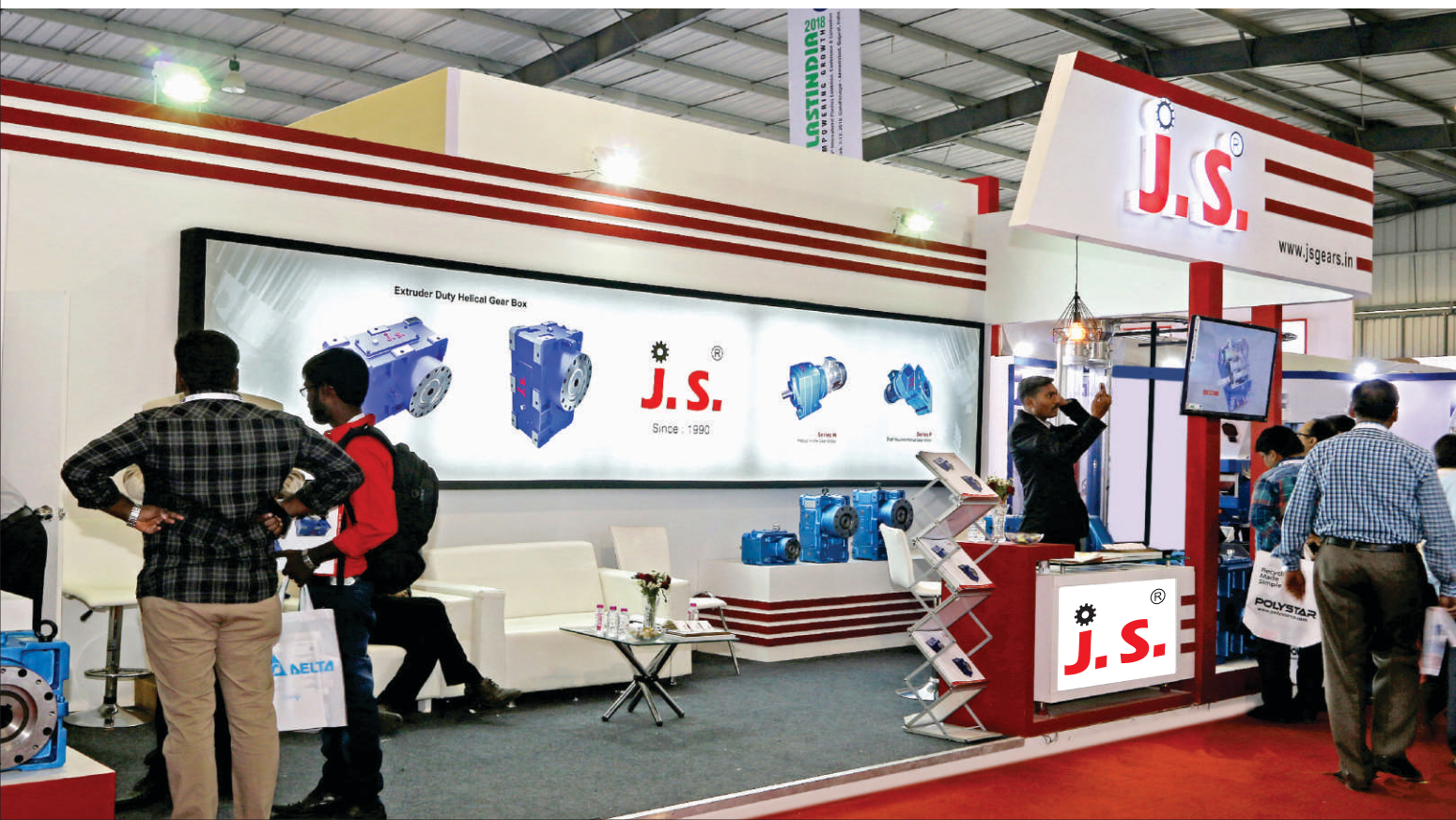


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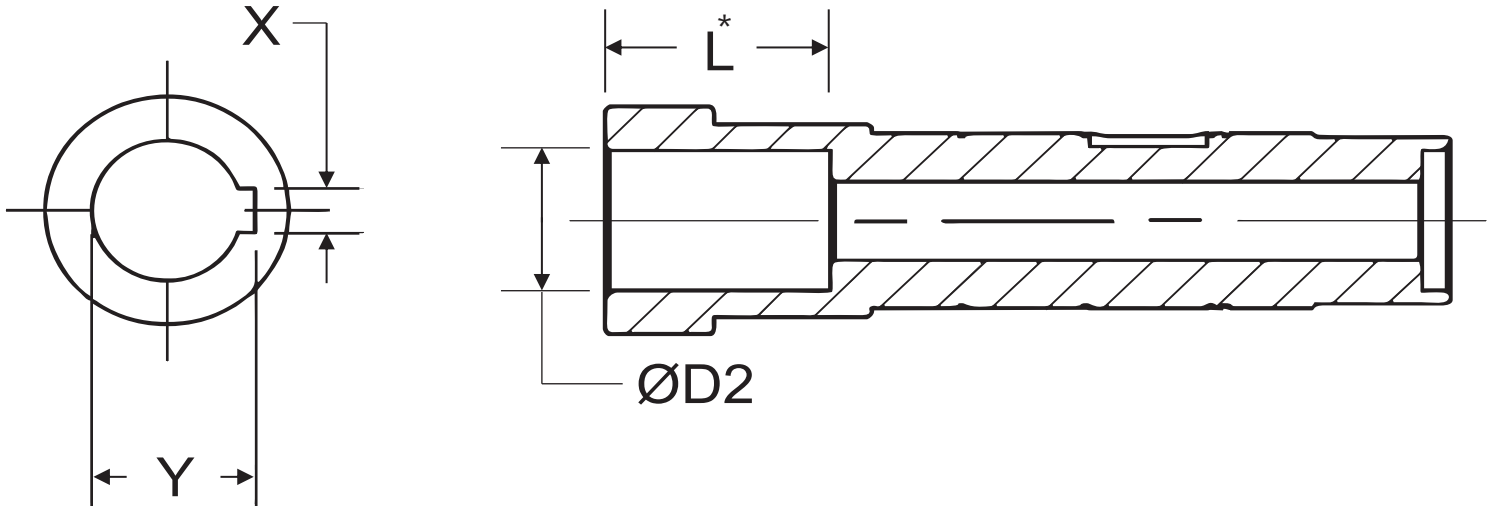




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DETAILS OF HOLLOW SHAFT



SBH - 90			
Available Standard Bore & Keyway			
Output Shaft Dia. ØD2	Keyway X	Keyway Y	L = 50mm*
Ø20	6.0	22.8	
Ø22	6.0	24.8	
Ø25	8.0	28.3	
Splines Available on Request**			

SBH - 110			
Available Standard Bore & Keyway			
Output Shaft Dia. ØD2	Keyway X	Keyway Y	L = 75mm*
Ø25	8.0	28.3	
Ø30	8.0	33.3	
Ø35	10.0	38.3	
Splines Available on Request**			

SBH - 125			
Available Standard Bore & Keyway			
Output Shaft Dia. ØD2	Keyway X	Keyway Y	L = 85mm*
Ø30	8.0	33.3	
Ø35	10.0	38.3	
Ø40	12.0	43.3	
Splines Available on Request**			

SBH - 140			
Available Standard Bore & Keyway			
Output Shaft Dia. ØD2	Keyway X	Keyway Y	L = 100mm*
Ø40	12.0	43.3	
Ø45	14.0	48.8	
Ø50	14.0	53.8	
Splines Available on Request**			

SBH - 160			
Available Standard Bore & Keyway			
Output Shaft Dia. ØD2	Keyway X	Keyway Y	L = 140mm*
Ø50	14.0	53.8	
Ø55	16.0	59.3	
Ø60	18.0	64.4	
Splines Available on Request**			

SBH - 180			
Available Standard Bore & Keyway			
Output Shaft Dia. ØD2	Keyway X	Keyway Y	L = 150mm*
Ø60	18.0	64.4	
Ø65	18.0	69.4	
Ø70	20.0	74.9	
Splines Available on Request**			

SBH - 200			
Available Standard Bore & Keyway			
Output Shaft Dia. ØD2	Keyway X	Keyway Y	L = 160mm*
Ø75	22.0	79.9	
Ø80	22.0	85.4	
Ø85	22.0	90.4	
Ø90	25.0	95.4	
Splines Available on Request**			

SBH - 225			
Available Standard Bore & Keyway			
Output Shaft Dia. ØD2	Keyway X	Keyway Y	L = 175mm*
Ø80	22.0	85.4	
Ø85	22.0	90.4	
Ø90	25.0	95.4	
Ø100	28.0	108.4	
Splines Available on Request**			

SBH - 250			
Available Standard Bore & Keyway			
Output Shaft Dia. ØD2	Keyway X	Keyway Y	L = 200mm*
Ø80	22.0	87.0	
Ø90	25.0	97.0	
Ø100	28.0	108.0	
Ø110	32.0	119.0	
Ø120	32.0	129.0	
Splines Available on Request**			

Service & Maintenance

Extend the life of your Gearbox



with predictive maintenance.

J. S. Gears

Anyone deciding in favour of **J. S.** high-performance gear unit automatically decides in favour of state-of-the-art engineering, efficient order handling and proven workflows. The know-how gathered in the course of decades enables us to fulfil all our customers' special requirements in many different sectors – from plastics via food processing all the way to heavy industry and energy supply – flexibly and customized. **J. S.** provides comprehensive advice on selecting the right gearing solution, on dimensioning and on drafting technical specifications. Solid engineering competence goes with real effectiveness in implementing gearing solutions; this includes designing with innovative tools, planning production transparently and fabricating with ultra-modern equipment – adding up to your fastest and most productive path to your high-performance gear system from the experts.

Our Core Strength

- One contact principle
- Quality Assurance
- All-round professionals
- Sustain ability Guarantee

All-round professionals

We at **J. S.** rely on mutual appreciation, respect and loyalty in its relations with customers and employees alike. Apart from financial independence, sustainability is the foundation of our company.

Fast fix Guarantee

We guarantee that your gear system will be serviced / maintained / repaired as fast as possible. We fabricate all the replacement parts needed ourselves which provides the decisive advantage in speed and time.

Quality Assurance

We use exclusively materials and components of selected, consistent quality. External and in-house test guarantee the highest quality of gear system solutions.

One contact principle

At **J. S.** you talk to just one contact who will handle all your requests. He/she does not just supervise the entire service procedure but can also answer all your questions at any time.



Contact



E-Catalogue



Video

J.S. Gear
(An ISO 9001 : 2015 Certified Company)



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