

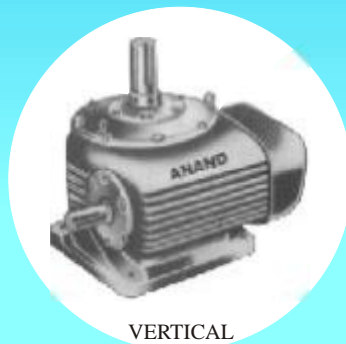
ANAND GEARS

SPEED REDUCERS

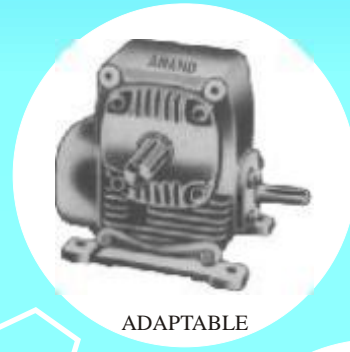
Anand Gears Reducers Incorporate One Best Design. Simple In Construction, With Liberal Ribbing Increasing Heat Dissipating Area. Gear Box Is Made Of Close Grain Cast Iron, Specially Designed Fan, Effective In Either Direction Of Rotation.



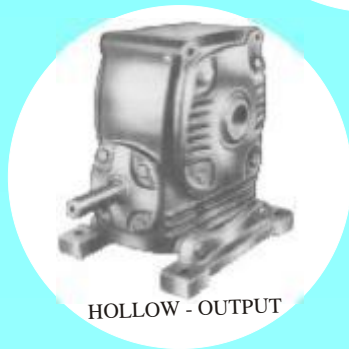
UNDER DRIVEN



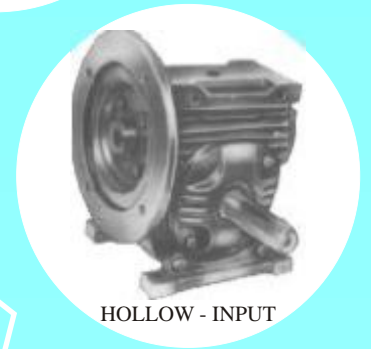
VERTICAL



ADAPTABLE



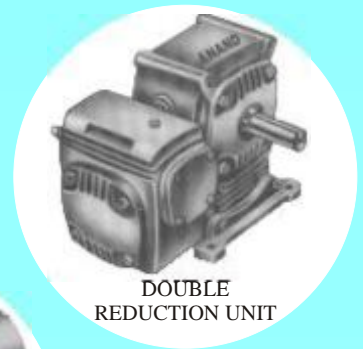
HOLLOW - OUTPUT



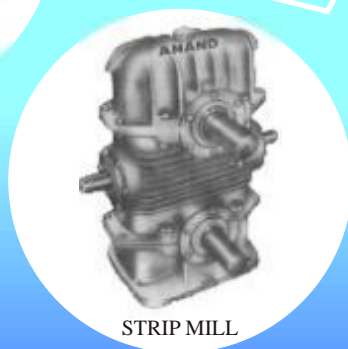
HOLLOW - INPUT



NU SERIES



DOUBLE
REDUCTION UNIT



STRIP MILL



FHP RIGHT ANGLE
GEAR MOTOR



Adaptable Speed Reducers Are Available In Range Of 30 mm To 84 mm Centre Distance. Shaft Handling Arrangements Are Available Right Hand And Left Hand. References Must Be Quoted With Feet Details. The Worm Is Made Of Alloy Steel. The Worm Wheel Is Cast From Special Ph. Bronze Alloys. Worm Are Made On Thread Milling Machine. Right Hand Threads Are Provided Unless Otherwise Specified. Worm Wheel Teeth Cutting Is Done On Hobbing Machine. Worm And Worm Wheels Are Supported On Ball Or Roller Bearing. In Case Of Heavy Overhung Load, An Extra Roller Bearing Can Be Provided. Standard Design Ensures Complete Interchangeability And Unrivalled Economy. Which Careful Installation It Will Give Complete Reliability, Only Attention Necessary Is An Occasional Oil Level Check.

ANAND GEARS

SPEED REDUCERS

WORM GEAR BOXES : Range 30 mm to 354 mm Centre Distance, Ratio 5:1 to 70:1, in Single Stage & Upto 4900:1 in two stage.
TYPES : Adaptable, Motorized Gear Unit, Underdriven, Overdriven, NU, Vertical, Hollow Shaft, Double Reduction Gear Boxes, Strip Mill.
BEVEL / BEVEL - HELICAL, HELICAL, WORM HELICAL, EXTRUDER GEAR BOXES : With Ratio 1 to 200 :1



OVER DRIVEN



HELIWORM GEARED MOTOR



EXTRUDER GEAR BOX



BEVEL / SPIRAL REDUCER



SHAFT MOUNTED



SPIRAL BEVEL HELICAL GEAR



WORM GEAR SETS



GEARED JACK



HELICAL GEAR

HELICAL GEAR BOXES : 80 mm CD to 800 mm, Ratio 1 to 300, Single, Double, Triple & Quadruple Stages.

FHP GEARED MOTORS, HELIWORM GEAR MOTORS

SHAFT MOUNTED HELICAL GEAR BOXES WITH HARDENED GEAR & CUSTOM BUILT GEAR BOXES

DWARKANATH ESTATE, BEHIND BHANDARI CO-OP. BANK, BALARAM PATIL ROAD,
BHAYANDER (EAST), MUMBAI - 401105

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ANAND GEARS

EXTRUDER APPLICATION GEARBOX

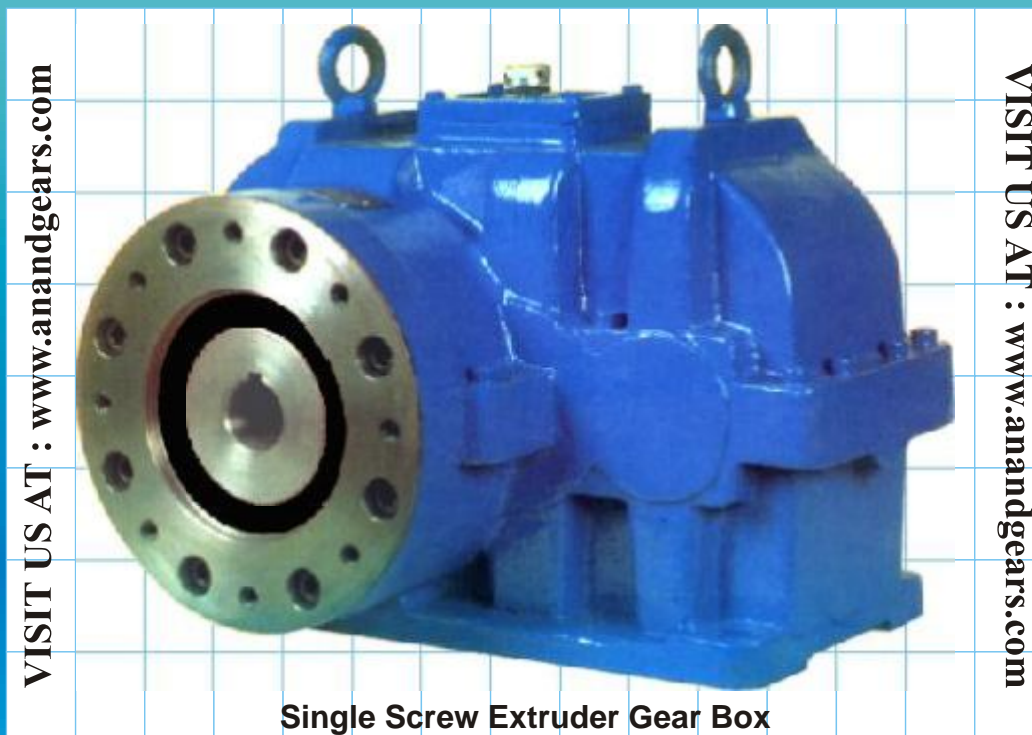
Anand Extruder Gear Box are designed specially Plastic Processing Machinery with inbuilt thrust housing. It is also used in various other fields where heavy thrust loads are there.

Advantages of inbuilt thrust block

- (1) Eliminates Separate thrust block
- (2) Space required is less .
- (3) Screw shank directly pushed into bore of output shaft with key to give maximum alignment accuracy.
- (4) Cylinder can be directly bolted to the hub.

Gears

Gears are of alloy steel duly harden with proper contact maintained .



Single Screw Extruder Gear Box

Lubrication

Lubrication is splash type. Forced can be provided on request.

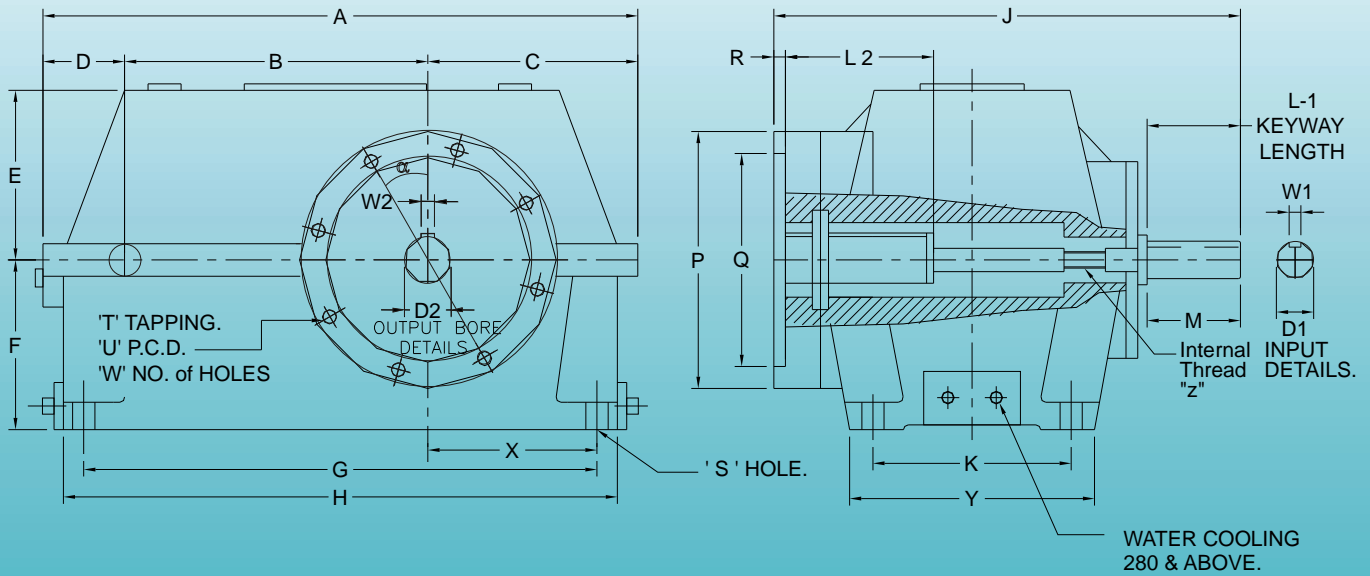
Water Cooling

For higher heat dissipation internal water cooling coils can be provided with standard 1/4 BSP nipple.

Other related products :

Worm Gear Box, Helical Gearbox, Twin Screw Extruder Gear Box,
Worm gear box with Thrust Block upto 205 mm CD.

EXTRUDER GEAR BOX ./ UNIT



DIMENSION DETAILS.

OVERALL DETAILS.								MOUNTING DIMENSIONS.						
SIZE	A	B	C	D	E	J	M	S	F	G	H	K	X	Y
150	310	150	105	55	95	258	40	14	100	240	275	130	—	—
165	290	165	77	48	90	225	40	14	100	250	290	115	—	—
180	350	180	70	110	120	315	40	14	112	290	320	120	—	—
210	420	210	140	70	118	290	60	15	125	340	376	152	—	—
260	510	260	177	72	160	390	85	18	190	430	480	170	135	210
280	575	280	200	90	163	490	100	18	180	460	510	235	132	285
310	660	310	231	119	200	566	100	22	200	520	600	280	161	340

FLANGE / HUB DETAILS.								INPUT DETAILS.			OUTPUT BORE DETAILS.			
SIZE	P	Q	R	T	U	W	DEG. α	d1	L1	W1	d2MAX.	L2	W2	Z-BSW
150	150	90	6	M10	130	6	30°	19	40	6	25	75	6	5/8"
165	170	100	6	M12	145	6	30°	24	50	8	30	90	8	5/8"
180	210	125	6	M12	180	8	22°-30'	24	60	8	35	100	8	3/4"
210	230	150	8	M12	200	8	22°-30'	28.5	70	8	38	100	10	3/4"
260	280	175	8	M16	225	8	22°-30'	32	80	10	50	150	10	3/4"
280	300	200	8	M16	250	8	22°-30'	35	100	10	50	150	12	1"
310	330	225	8	M20	290	8	22°-30'	45	110	12	65	125	14	1"

POWER RATING. IN Kw.

RATIO	Input speed	Output speed	MODEL						
			150	165	180	210	260	280	310
6 : 1	1500	250	19.00	25.00	32.00	45.00	69.00	115.00	147.00
	1000	167	13.00	17.00	21.00	31.00	45.00	78.00	102.00
	750	125	10.00	13.00	16.00	23.00	35.00	58.00	82.00
10 : 1	1500	150	11.00	16.00	22.00	32.00	46.00	80.00	120.00
	1000	100	6.00	10.00	15.00	21.00	33.00	55.00	78.00
	750	75	5.00	7.00	10.00	16.00	23.00	41.00	58.00
15 : 1	1500	100	8.00	10.00	13.00	21.00	29.00	47.00	65.00
	1000	67	4.00	7.00	9.00	13.00	18.00	35.00	43.00
	750	50	3.00	4.50	7.00	10.00	15.00	27.00	36.00

- NOTE : 1) Minimum service factor recommended is 1.7 to 2.
 2) Above rating are meant for general Plastic Industry & may differ depending upon manufacturing process & raw Material used.
 3) For more details please contact us.