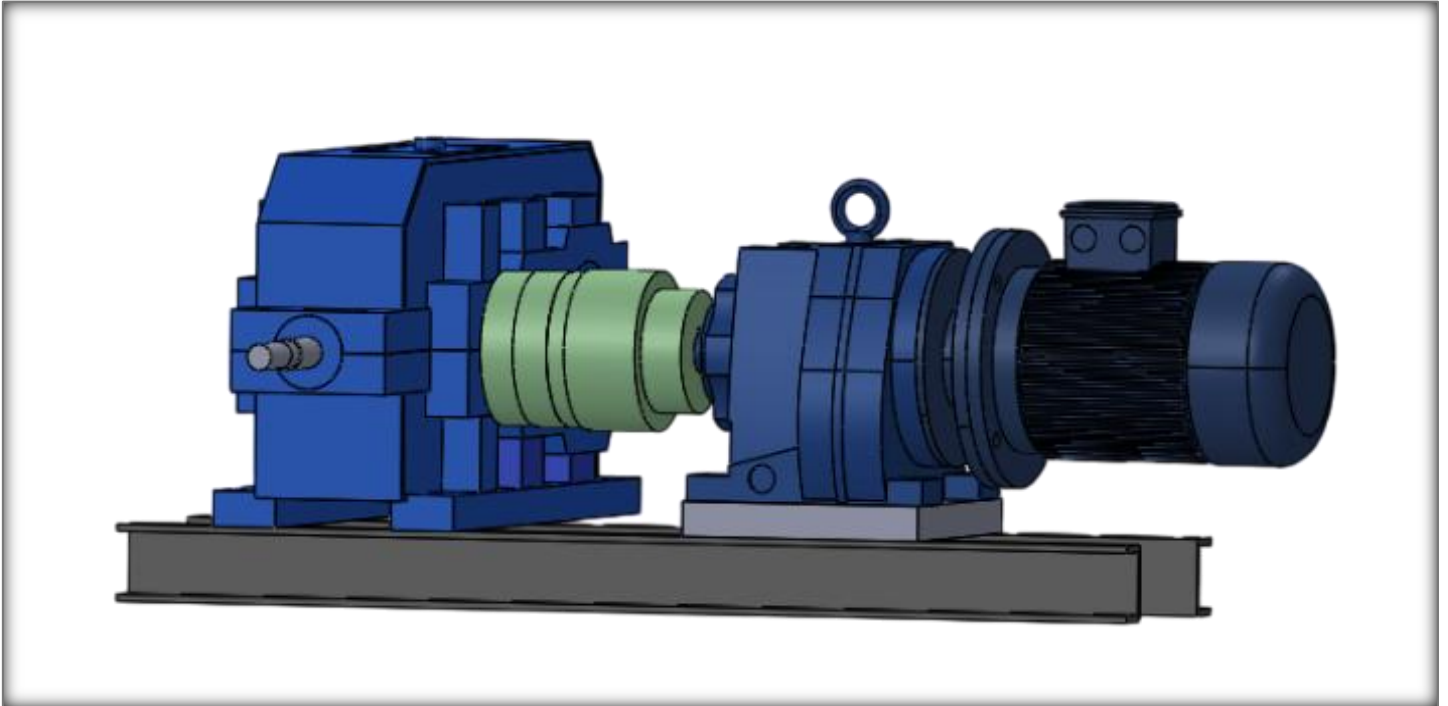


TPD SERIES



Overview

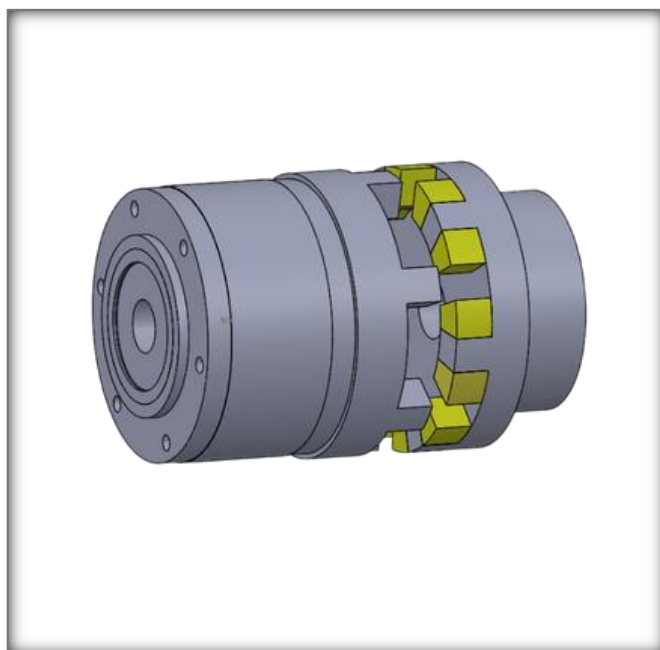
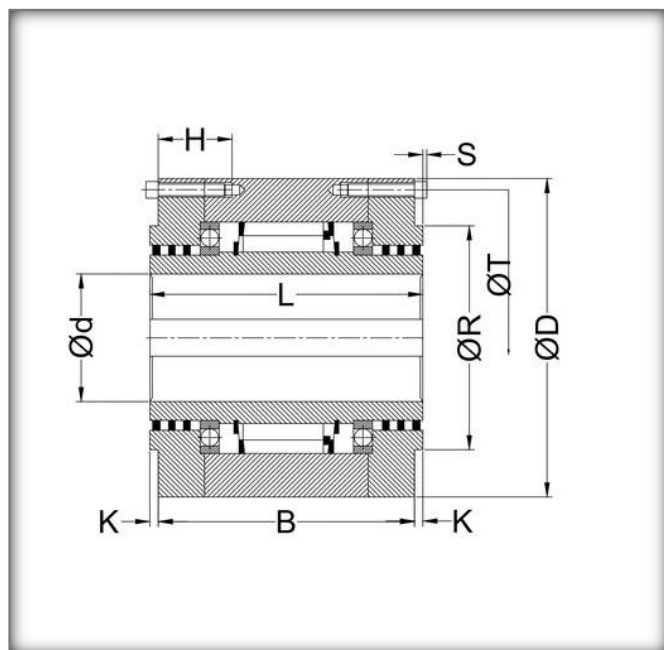
This type of overrunning clutch is installed in the drive system of auxiliary drive & main drive. This clutch transmits the power in one direction i.e. from auxiliary drive to the main drive until the main drive accelerates to its speed. Then it automatically disengages the auxiliary drive. It can be used with a coupling. It is the replacement of Manual jaw coupling.

Applications

- It can be used for the dual drives systems.
- Conveyor drives of bucket elevator of cement plant, power plant, rice manufacturing industries etc.
- Conveyor drives of ball mill.

General Information for Installation and Usage

- TPD series clutch is a modular type overrunning clutch with in-built flanges.
- All models of this series are pre-greased.
- We recommended the shaft tolerance of h6 or j6 & DIN 6885 with standard keyway.
- For installation, first clean the surfaces of both end of and the contact surfaces of the flanges, torque arm, covers.
- If only clutch is used without coupling, then verify the direction of rotation then install the clutch.
- If the clutch is used with coupling , then the direction should be given at the time of drawing approval.
- Fix the grease nipple and set screw to the option parts.
- Do not use grease which is having EP additives.



Type with centrifugal lift-off (shaft overrun)			Bore d	B	D	G	H	K	L	R	S	T	Z
Type	Torque Nm	Lift-off speed	MAX mm	mm	mm		mm	mm	mm	mm	mm	mm	mm
TPD 20	400	750	30	65.5	106	M6	26	5	77	70	2.5	90	6
TPD 25	650	700	40	81.1	126	M6	30	5	93	80	2.5	105	6
TPD 30	1100	630	50	88.5	151	M8	36	6	102	100	4	130	6
TPD 40	1400	430	60	102.5	181	M10	37	6	116	120	6.5	160	6
TPD 45	2300	400	70	115.5	196	M12	38.5	6	130	130	8.5	170	8
TPD 52	4900	320	80	130.5	216	M14	44.5	8	150	150	8.5	190	8
TPD 55	6500	320	90	146.5	246	M14	48	10	170	160	6.5	215	8
TPD 60	14500	250	105	182.5	291	M14	55	10	206	190	6.5	250	8
TPD 70	21000	240	120	192.5	321	M16	58.5	10	215	210	9	280	8
TPD100	42500	210	150	248.5	411	M20	79	10	276	270	11.5	365	10