Spring Cone Crusher

Principle

The rotation of eccentric sleeve driven by motor makes cranking motions of movable eccentric cone and fixed cone, which achieves the purpose of crushing.

Features

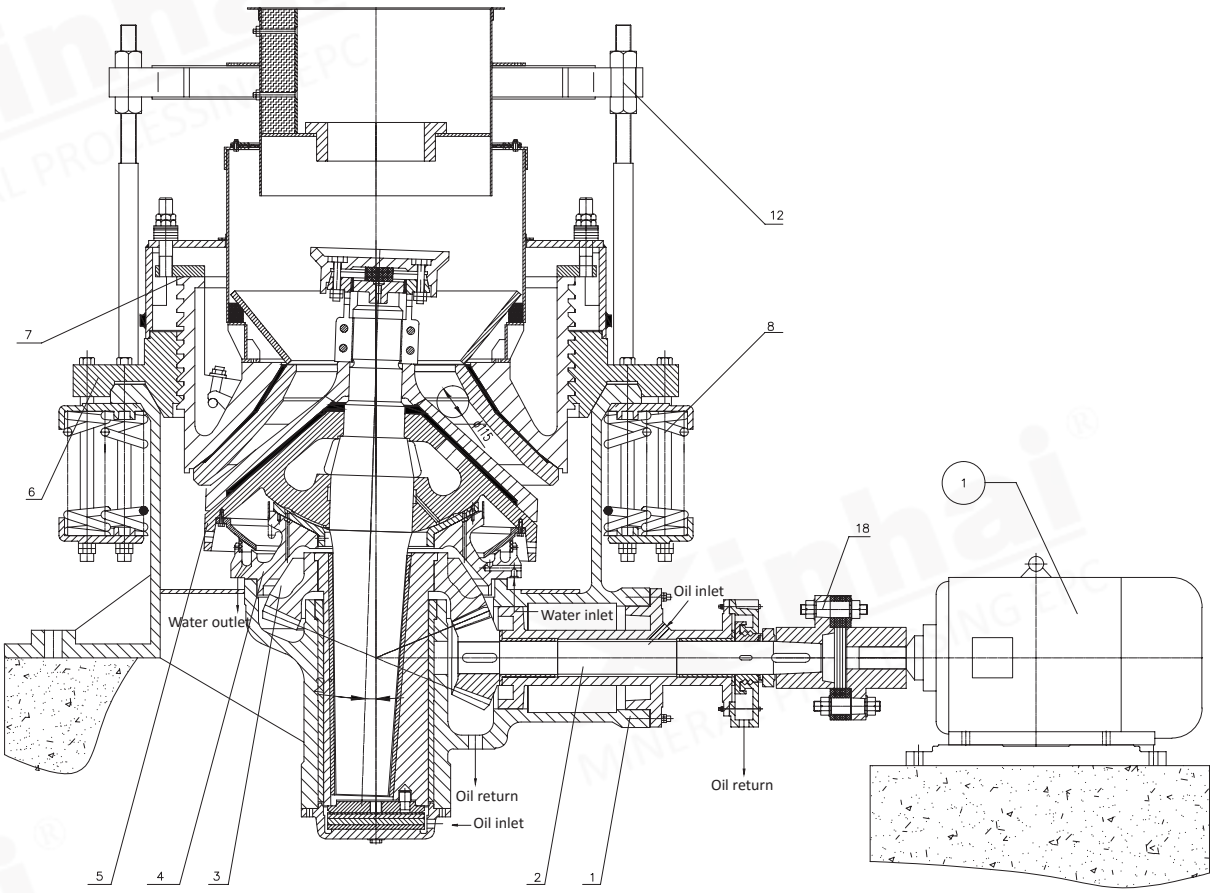
The suspension of moving cone is supported by ball bearings. Water-sealing dustproof device is used for lasting seal.

Application

Spring cone crusher is mainly used for intermediate & fine crushing of various hardness of ores.

Technical Parameters

Type	Model	Diameter of Crushing Cone (mm)	Inlet Dimension (mm)	Max. Feed Size (mm)	Adjustment Range of Outlet (mm)	Motor Power (kW)	Capacity (t/h)
Standard	PYB-600/75	600	75	65	12~25	30	40
	PYB-900/135	900	135	110	15~50	55	50~90
	PYB-1200/170	1200	170	145	20~50	110	110~168
	PYB-1750/250	1750	250	215	25~60	155	280~480
	PYB-2100/350	2100	350	300	30~60	280/210	500~800
	PYB-2200/350	2200	350			280	500~1000
Middle-sized	PYZ-900/70	900	70	60	8~20	55	20~65
	PYZ-1200/115	1200	115	100	8~25	110	42~135
	PYZ-1750/215	1750	215	180	10~30	155	175~320
	PYZ-2200/275	2200	275	230		280	200~580
Short Head	PYD-600/40	600	40	35	3~13	30	12~23
	PYD-900/50	900	50	40		55	15~50
	PYD-1200/60	1200	60	50	3~15	110	18~105
	PYD-1750/100	1750	100	85	5~15	155	75~230
	PYD-2200/130	2200	130	100		280	125~350



Structure Drawing of Spring Cone Crusher

◎ Notes: 1. Rack part 2. Transmission part 3. Eccentric sleeve part 4. Ball bearing part
5. Crushing cone part 6. Adjusting device part 7. Adjusting sleeve part 8. Spring part
9. Hydraulic pressure station 10. Foundation part 11. Lubricating part 12. Feeding part
13. Series electrical equipment 14. Installation tool 15. Bolt 16. Bolt
17. Ring screw 18. Spring coupling