

Parts of Drilling Rig

Crown Blocks

Series crown blocks conform to API Spec. 4F and Spec.8A, Spec.8C and industry standard SY/T5527, and are granted the right to use API monogram.

TECHNICAL FEATURES

- Sheave grooves are heat hardened to provide good abrasion resistance and long service life.
- Rope bar and rope barrier are provided to prevent the wire rope from crossing or tailing out of the sheave grooves.
- Wooden buffer is provided lifting frame for maintaining sheaves. Optional sand sheaves and auxiliary sheaves Assy are provided if customer requires.
- Crown block sheaves are interchangeable with its matched traveling block sheaves.



TECHNICAL PARAMETERS

Model		TC90	TC158	TC170	TC225	TC315
Max. Load, kN(lbs)		900 (200000)	1580 (351111)	1700 (37400)	2250 (500000)	3150 (700000)
Drilling line size, mm(in)		26(1)	29(1 1/8)	29(1 1/8)	32(1 1/4)	35(1 3/8)
Sheaves O.D, mm (in)		762 (30)	915 (36)	1005 (40)	1120 (44)	1270 (50)
Number of sheaves		5	6	6	6	7
Overall dimensions	Length, mm(in)	2580 (101 9/16)	2220 (87 7/16)	2620 (103 5/32)	2667 (105)	3192 (125 11/16)
	Width, mm(in)	2076 (81 3/4)	2144 (84 7/16)	2203 (86 3/4)	2709 (107)	2783 (110)
	Height, mm(in)	1578 (62 1/8)	1813 (71 3/8)	1712 (67)	2469 (97)	2350 (92 1/2)
Weight, kg (lbs)		3000(6614)	3603(7943)	3825(8433)	6500(14330)	8500(18739)

Model		TC450	TC585	TC675	TC675H	TC900
Max. Load, kN(lbs)		4500 (1000000)	5850 (1300000)	6750 (1500000)	6750 (1500000)	9000 (2000000)
Drilling line size, mm(in)		38(1 1/2)	38(1 1/2)	45(1 3/4)	38(1 1/2)	48(1 7/8)
Sheaves O.D, mm (in)		1524(60)	1524(60)	1524(60)	1524(60)	1829(72)
Number of sheaves		7	7	8	8	8
Overall dimensions	Length, mm(in)	3410 (134 1/4)	3625 (142 3/4)	4650 (183)	5180 (203 15/16)	4217 (166)
	Width, mm(in)	2753 (108 3/8)	2832 (111 1/2)	3340 (131 1/2)	3642 (143 3/8)	3606 (142)
	Height, mm(in)	2420 (95 3/8)	2580 (101 5/8)	2702 (106 3/8)	2904 (114 3/8)	3146 (123 7/8)
Weight, kg (lbs)		11105(95 1/4)	11310(24934)	13750(30314)	19700(43431)	19150(42219)

