

DRILLING EQUIPMENTS

DRAWWORKS

Model	Horse power HP	Drilling line Inch(mm)	Transmission type	Drive motor No. X HP(KW)	Aux. brake
JC40D	1,000	1-1/4" (32mm)	GEAR-CHAIN	1 X 1,080HP(800KW) DC	Electromagnetic eddy current
JC50D	1,500	1-3/8" (35mm)	GEAR-CHAIN	2 X 780HP(580KW) DC	Electromagnetic eddy current
JC50DB	1,500	1-3/8" (35mm)	GEAR	2 X 780HP(580KW) AC	Regeneration
JC70D	2,000	1-1/2" (38mm)	GEAR-CHAIN	2 X 1,080HP(800KW) DC	Electromagnetic eddy current
JC70DB	2,000	1-1/2" (38mm)	GEAR	2 X 1,080HP(800KW) AC	Regeneration



CROWN BLOCK

Model	--	TC135	TC170	TC225	TC315	TC450
Max. hook load	KN	1,350	1,700	2,250	3,150	4,500
O.D. of sheaves	mm(in)	915 (36)	1,005(40)	1,120 (44)	1,270 (50)	1,524 (60)
No. of sheaves	--	5	6	6	7	7
Dia. of wire line	mm(in)	26(1)	29(1-1/8)	32(1-1/4)	35(1-3/8)	38(1-1/2)
Overall dimension (lwxhx)	mm	2,500x2,050x1,920	2,687x2,150x2,046	3,200x3,347x3,640	3,295x2,776x2,514	3,068x2,906x3,576
Weight	kg	2,400	2,920	5,310	7,400	9,500

TRAVELING BLOCK

Model	--	YC135	YC170	YC225	YC315	YC450
Max. hook load	KN	1,350	1,700	2,250	3,150	4,500
O.D. of sheaves	mm(in)	915 (36)	915 (36)	1,120 (44)	1,270 (50)	1,524 (60)
No. of sheaves	--	4	5	5	6	6
Dia. of wire line	mm(in)	26(1)	29(1-1/8)	32(1-1/4)	35(1-3/8)	38(1-1/2)
Overall dimension (lwxhx)	mm	1,800x960x610	2,100x960x630	2,294x1,190x630	2,680x1,350x974	3,075x1,600x800
Weight	kg	2,200	3,010	3,805	6,842	8,135



HOOK

Model	--	DG135	DG170	DG225	DG315	DG450
Max. hook load	KN	1,350	1,700	2,250	3,150	4,500
Major-hook opening	mm(in)	165 (6-1/2)	180 (7)	190 (7-1/2)	220 (8-5/8)	220 (8-5/8)
Diameter of major-hook	mm(in)	140 (5-1/2)	150 (6)	160 (6-1/4)	180 (7)	180 (7)
Spring travel	mm(in)	180 (7)	180 (7)	180 (7)	200 (8)	200 (8)
Overall dimension (lwxhx)	mm	2,200x720x616	2,450x750x630	2,545x780x750	2,953x890x830	2,950x890x880
Weight	kg	1,910	2,020	2,180	3,410	3,496

HOOK BLOCK

Model	—	YG90	YG135	YG160	YG170	YG225
Max. hook load	KN	900	1,350	1,600	1,700	2,250
O.D. of sheaves	KN	760(30)	915(36)	760(30)	915(36)	915(36)
Number of sheaves	—	4	4	4	5	5
Dia. of wire line	mm(in)	26(1)	26(1)	29 (1-1/8)	29 (1-1/8)	29 (1-1/8) 32 (1-1/4)
Major-hook opening	mm(in)	155 (6-1/16)	150 (6)	220 (85/8)	200 (8)	190 (7-1/2)
Spring travel	mm(in)	170 (6-5/8)	170 (6-5/8)	150 (6)	170 (6-5/8)	180 (7)
Overall dimension (lwxh)	mm	2,908x806x533	2,946x836x652	3,059x830x763	3,402x950x640	3,450x970x660
Weight	kg	2,850	3,126	3,282	4,594	6,200/6,600



SWIVEL

Model	—	SL135	SL160	SL170	SL225	SL450
Max. static load rating	KN	1,350	1,600	1,700	2,250	4,500
Max. speed	RPM	300				
Max. working pressure	MPa	35				
Dia. of stem	mm(in)	60(2-3/8)	60(2-3/8)	70(2-3/4)	75(3)	75(3)
Coupling thread to stem	—	4-1/2FH LH	4-1/2REG LH	4-1/2REG LH	6-5/8REG-LH	6-5/8REG-LH
Coupling thread to Kelly	—	6-5/8REG LH				
Overall dimension (lwxh)	mm	2,290x650x640	2,470x790x680	2,725x840x785	2,970x990x980	3,040x1,110x1,095
Weight	kg	777	1,000	1,250	2,500	2,900

Note: The above-mentioned swivels have spinners (dual-purpose) and no spinners

ROTARY TABLE

Model	—	ZP175	ZP205	ZP275	ZP375
Dia. of opening	mm (in)	444.5 (17-1/2)	520.7 (20-1/2)	698.5 (27-1/2)	952.5 (37-1/2)
Table axis to center inner row sprocket teeth	—	1,118 (44)	1,353 (53-1/4)	1,353 (53-1/4)	1,353 (53-1/4)
Max. static load	KN	1,350	3,150	4,500	5,850
Max. working torque	KN	14,000	23,000	28,000	33,000
Max. speed	r/min	300			
Gear ratio	—	3.58	3.22	3.67	3.56
Overall dimension (lwxh)	mm	1,935x1,280x585	2,292x1,475x668	2,392x1,670x685	2,468x1,810x718
Weight	kg	3,888	5,530	6,163	8,026



ELEVATOR LINK

Model	Rated load	L'
DH100	890 (100)	1,500
DH150	1,335 (150)	1,800
DH250	2,225 (250)	2,700
DH350	3,115 (350)	3,300
DH500	4,450 (500)	3,600
DH750	6,670 (750)	3,660

Model	Rated load	L'
SH25	220 (25)	600
SH30	235 (30)	1,100
SH40	355 (40)	1,100
SH50	445 (50)	1,100
SH65	580 (65)	1,200
SH75	665 (75)	1,500
SH100	890 (100)	1,500
SH150	1,335 (150)	1,700