

THE INNOVATOR OF OUR INDUSTRY®

Introducing Our New Line of Hydraulic Cams[®] - The RTCH Series



Hydraulic Cams

Code	Working Punch Stroke mm	Max. Punching Force daN		
RTCH 3000 - page 6	25, 50, 80	3000		
RTCH 7500 - page 8	25, 50, 80	7500		
RTCH 12000 - page 10	25, 50, 63	12000		



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As an alternative to normal operation in presses, working cams also can be made to work by means of a hydraulic group that sends pressurized oil to the cams.

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Hoses **Connection Hose - RTRR** How to Order Ø SW RTRR.01 - 500 Code Length Length ØD SW RTCH Code R mm Model mm mm RTRR.01 RTCH 3000 21.2 ≈63.5 M24x1.5 30 **RTRR.02** RTCH 7500 28.2 ≈76.5 M30x2 36 RTRR.03 RTCH 12000 36.1 ≈100.5 M42x2 50 **Connection Hose - RTRC** How to Order Ø SW RTRC.03 - 750 ≃ Code Length Length ØD Е SW RTCH Code Model mm mm mm RTRC.01 RTCH 3000 21.2 ≈49 M24x1.5 30 RTRC.02 RTCH 7500 28.2 ≈ 63 M30x2 36 RTCH 12000 36.1 ≈ 79.5 M42x2 RTRC.03 50 **Connection Hose - RTCC**

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READ







RTCH Series

Hoses



Code	Smax mm	La mm	Lc mm	Max. Operation Force	Charging N MIN	₂ Pressure MAX	Max. W Velocity	orking Specs. Strokes/mm MAX	Max. Working Temperature
RTCH 3000x2	5 25	183	158	3000 daN		150 Bar	20m/mm	40 spm	60 °C
RTCH 3000x5	0 50	233	183		50 Bar			30 spm	
RTCH 3000x8	<mark>0 8</mark> 0	293	213					20 spm	

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Code	Smax mm	A mm	B mm	Max. Punching Force	Gas Spring Force Initial Final		Gas Spring Model	Max. Working Specs. Velocity Strokes/mm MAX		Application
RTCH 3000x25	25	83.5	187				TPK 25x25 YW		40 spm	
RTCH 3000x50	50	97.5	225	3000 daN	200 daN	≈270daN	TPK 25x50 YW	20m/mm	30 spm	Round and
RTCH 3000x80	80	125.5	285				TPK 25x80 YW		20 spm	Shaped







Code	Smax mm	La mm	Lc mm	Max. Operation Force	Charging N MIN	₂ Pressure MAX	Max. W Velocity	orking Specs. Strokes/mm MAX	Max. Working Temperature
RTCH 7500x2	0 25	205	180	7500 daN	50 Bar	150 Bar	20m/mm	40 spm	60 °C
RTCH 7500x5	0 50	255	205					30 spm	
RTCH 7500x8	0 80	315	235					20 spm	

RTCH Series READ 7500 54.5 ^{±0.01} Stroke 18 G3/4 Hydraulic valve _____0.05 54.5 80 2x(M12) 102 (\mathbf{O}) 55 2x(Ø12H7) 14^{±0.015} 9 90 .<u>65^{±0.1}</u> 20H7 110 2x(Ø12H7)_ Anti-spinning device 4x(M12)_ 0 Ð \odot 0 Oil vent valve 86 ±0.02 6 -0 Ð 12 51 A

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Code	Smax mm	A mm	B mm	Max. Punching Force	Gas Spri Initial	ng Force Final	Gas Spring Model	Max. W Velocity	orking Specs. Strokes/mm MAX	Application
RTCH 7500x25	25	110	230				TPK 600x25		40 spm	
RTCH 7500x50	50	110	255	7500 daN	600 daN	≈860daN	TPK 600x50	20m/mm	30 spm	Round and Shaped
RTCH 7500x80	80	140	315				TPK 600x80		20 spm	

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Code	Smax mm	La mm	Lc mm	Max. Operation Force	Charging N MIN	Charging N ₂ Pressure MIN MAX		orking Specs. Strokes/mm MAX	Max. Working Temperature
RTCH 12000x25	25	216	191	1200 daN	50 Bar	150 Bar	20m/mm	40 spm	60 °C
RTCH 12000x50	50	266	216					30 spm	
RTCH 12000x63	63	292	229					20 spm	

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Code	Smax mm	A mm	B mm	Max. Punching Force	Gas Spri Initial	ing Force Final	Gas Spring Model	Max. Working Specs. Velocity Strokes/mm MAX		Application
RTCH 12000x2	5 25	132	263				TPK 750x25		40 spm	
RTCH 12000x5	0 50	132	288	12000 daN	750 daN	≈1190daN	TPK 750x50	20m/mm	30 spm	Round and
RTCH 12000x6	<mark>3 6</mark> 3	132	314				TPK 750x63		20 spm	Snaped







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