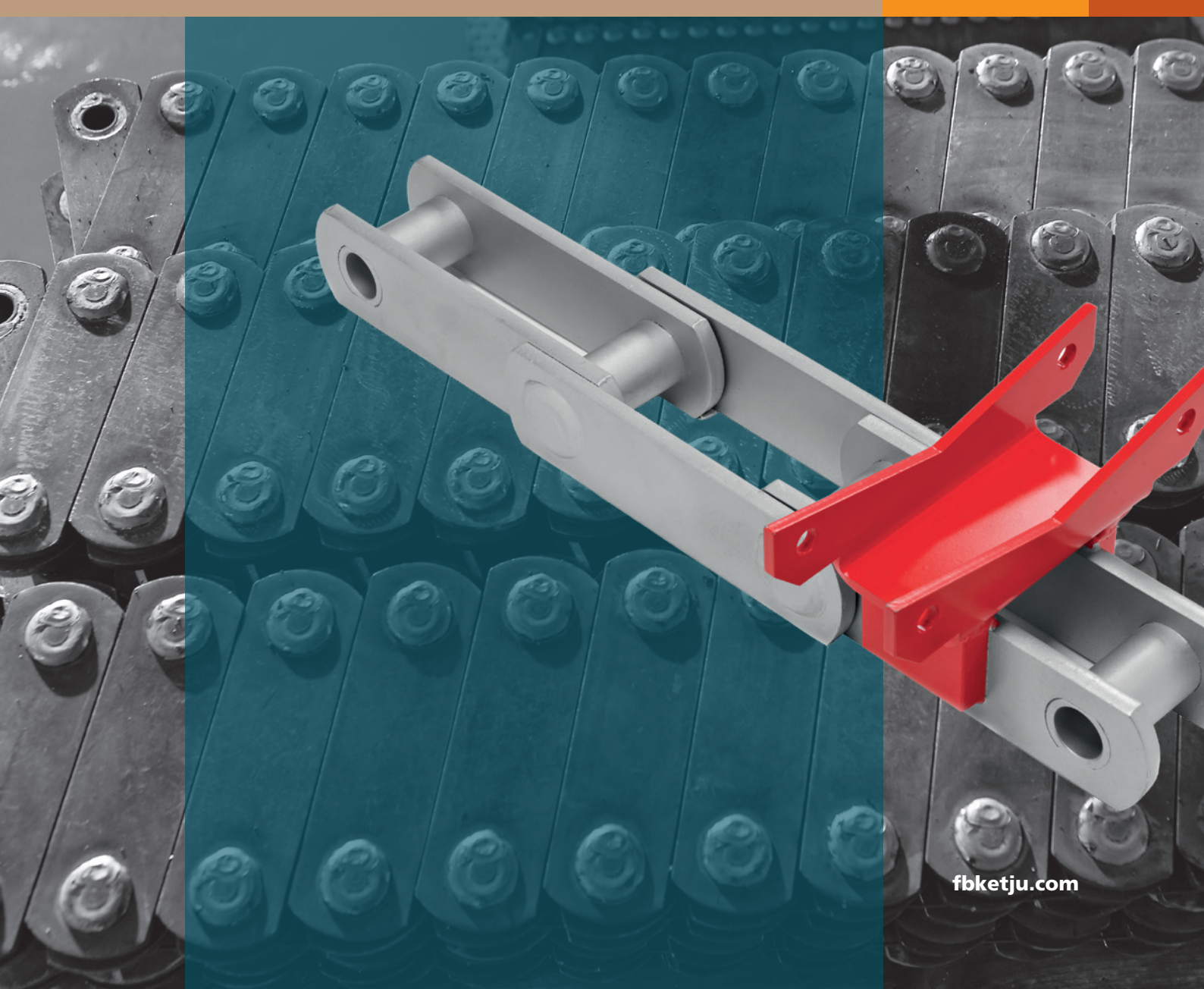
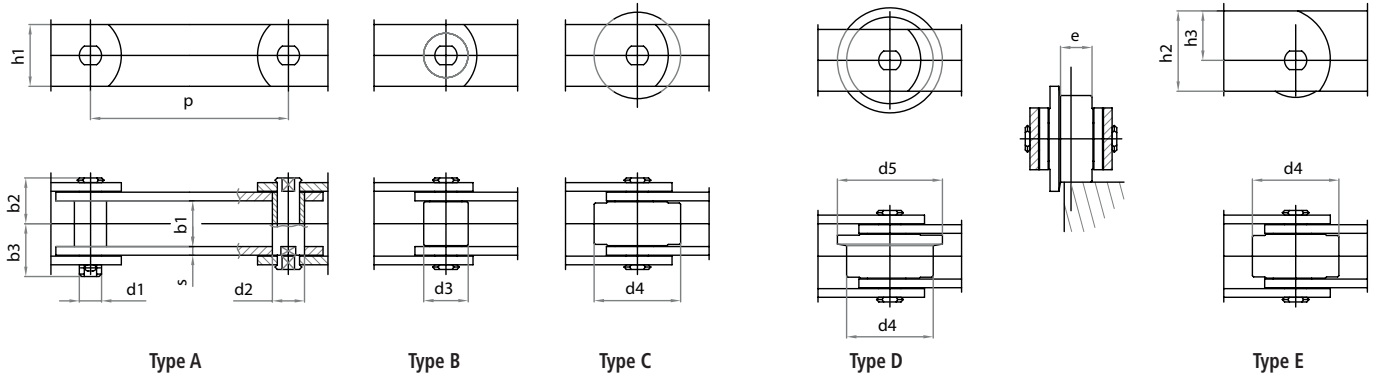




**CONVEYOR CHAINS**  
DIN 8165 / FV Series



# CONVEYOR CHAINS | DIN 8165 / FV Series



CHAIN DIN 8165	Pitch								Inner width	Pin	Bush	Roller Type B	Roller Type C	Roller Type D	Sideplates					Breaking Load	Allowed Load						
	P														b <sub>1</sub>	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>			d <sub>5</sub>	d <sub>6</sub>	b <sub>2</sub>	b <sub>3</sub>	s	h <sub>1</sub>
	mm								mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	min	
FV 40	40	50	63	80	100	125	-	-	18	10	15	20	32	40	48	21	24	4	25	35	22	40	6,7				
FV 63	50	63	80	100	125	160	200	-	22	12	18	26	40	50	60	23	27	4	30	40	25	56	10,5				
FV 90	50	63	80	100	125	160	200	250	25	14	20	30	48	63	73	26	31	5	35	45	27,5	80	15				
FV 112	80	100	125	160	200	250	315	-	30	16	22	32	55	72	87	32	35	6	40	50	30	112	18,7				
FV 140	80	100	125	160	200	250	315	400	35	18	26	36	60	80	95	34	41	6	45	60	37,5	140	23,4				
FV 180	-	100	125	160	200	250	315	400	45	20	30	42	70	100	120	43	51	8	50	70	45	180	30				
FV 250	-	-	125	160	200	250	315	400	55	26	36	50	80	125	145	49	56	8	60	80	50	250	41,7				
FV 315	-	-	125	160	200	250	315	400	65	30	42	60	90	140	170	58	66	10	70	90	55	315	52,5				
FV 400	-	-	-	160	200	250	315	400	70	32	44	60	100	150	185	66	76	12	70	90	55	400	66,7				
FV 500	-	-	160	200	250	315	400	500	80	36	50	70	110	160	195	71	81	12	80	100	60	500	83,4				
FV 630	-	-	-	200	250	315	400	500	90	42	56	80	120	170	210	77	87	12	100	120	70	630	105				

- Riveted chain
- Riveted or welded chain
- Welded chain

Breaking load is 30 to 50% higher in welded construction.

## UPON REQUEST

- welded pins and bushes
- sunked pin ends
- tumbled side plates (specially for plastic sliding tracks)
- other pitch or dimension
- bigger clearances
- higher breaking load
- zinc or stainless steel version
- sprockets and wheels



# CONVEYOR CHAINS | DIN 8165 / FV Series | WEIGHT TABLE

CHAIN DIN 8165	Pitch  P	Weight of chain			
		Without roller  A kg/m	With small roller  B kg/m	With large roller  C kg/m	With flanged roller  D kg/m
FV40	40	3,38	3,75	5,3	-
	63	2,66	2,94	3,9	-
	100	2,25	2,43	3,1	3,8
FV63	63	3,43	3,97	5,9	8,04
	100	2,85	3,28	4,43	5,8
	125	2,7	3,02	3,94	5,02
FV90	160	2,55	2,81	3,53	4,38
	63	5,37	6,48	9,6	-
	100	2,85	3,28	4,43	5,8
FV112	125	2,7	3,02	3,94	5,02
	160	2,55	2,81	3,53	4,38
	100	6,23	7,13	10,58	15,1
	125	5,8	6,4	9,2	12,8
FV140	160	5,28	5,84	8	10,81
	200	5	5,5	7,13	9,5
	100	7,7	8,83	13,5	19,83
	125	7,15	8,12	8,87	16,88
	160	6,5	7,27	10,17	14,1
FV180	200	6	6,66	8,98	12,13
	250	5,72	6,17	8,02	10,54
	125	11	12,8	19,4	31,2
	160	9,93	11,32	16,45	25,78
FV250	200	9,19	10,3	14,4	21,88
	125	15,16	18,2	28	
	160	13,48	15,86	23,46	
	200	12,11	14	20,1	
FV315	250	11,19	12,71	17,57	
	160	20,89	24,28	35,76	
	200	18,91	22,43	30,81	

