



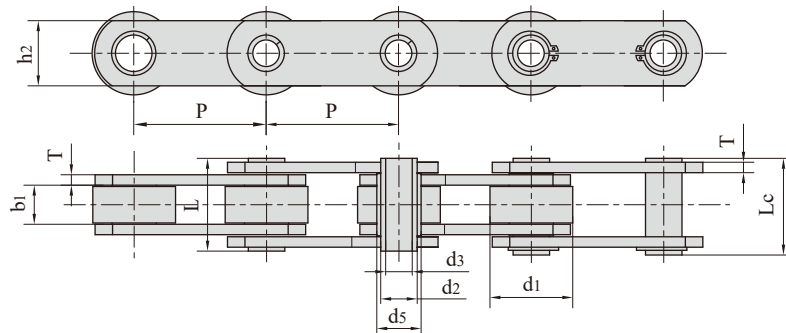
FV series conveyor chains

杭州四海传动件有限公司 Hangzhou Ocean Industry CO. Ltd.

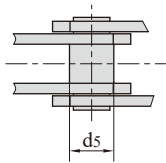
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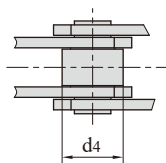
Hollow pin conveyor chains (FVC series)



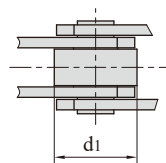
without rollers



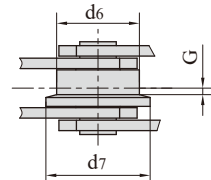
with S small rollers type



with P large rollers type



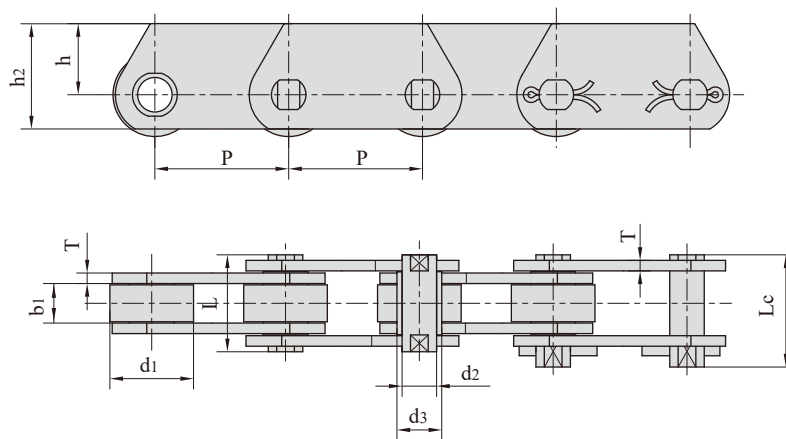
with F flanged rollers type



DIN Chain No.	Pitch							Roller dimension				
	P							d1 max	d4 max	d6 max	d7 max	G
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
FVC63	63.0	80.0	100.0	125.0	160.0	-	-	40.0	26.0	50.0	63.0	5.0
FVC90	63.0	80.0	100.0	125.0	160.0	200.0	250.0	48.0	30.0	63.0	78.0	6.5
FVC112	100.0	125.0	160.0	200.0	250.0	-	-	55.0	32.0	72.0	90.0	7.5
FVC140	100.0	125.0	160.0	200.0	250.0	-	-	60.0	36.0	80.0	100.0	9.0
FVC180	125.0	160.0	200.0	250.0	315.0	-	-	70.0	42.0	100.0	125.0	13.0
FVC250	160.0	200.0	250.0	315.0	400.0	-	-	80.0	50.0	125.0	155.0	15.0
FVC315	160.0	200.0	250.0	315.0	400.0	-	-	90.0	60.0	140.0	175.0	18.0

DIN Chain No.	Width between inner plates	Pin diameter		Bush diameter	Pin length		Plate thickness	Plate depth	Tensile strength
	b1 min	d2 max	d3 min	d5 max	L max	Lc max	T max	h2 max	Q min
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf
FVC63	22.0	12.0	8.0	18.0	45.0	50.5	4.0	30.0	46.0/10454
FVC90	25.0	14.0	10.0	20.0	53.0	56.5	5.0	35.0	73.0/16590
FVC112	30.0	16.0	11.0	22.0	62.0	63.0	6.0	40.0	90.0/20454
FVC140	35.0	18.0	12.0	26.0	67.0	68.5	6.0	45.0	110.0/25000
FVC180	45.0	20.0	14.0	30.0	86.0	88.0	8.0	50.0	145.0/32954
FVC250	55.0	26.0	18.0	36.0	97.0	103.5	8.0	60.0	215.0/48863
FVC315	65.0	30.0	20.0	42.0	117.0	121.5	10.0	70.0	295.0/67044

Conveyor chains (FVT series)

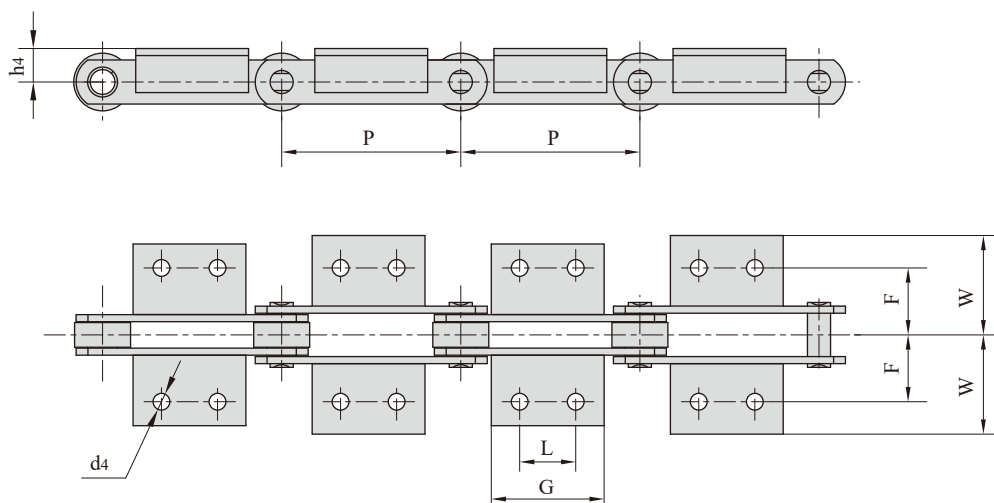


DIN Chain No.	Pitch								Roller diameter	Pin diameter	Bush diameter	Plate thickness
	P								d1 max	d2 max	d3 max	T max
	mm								mm	mm	mm	mm
FVT40	40.0	50.0	63.0	80.0	100.0	125.0	-	-	32.0	10.0	15.0	3.0
FVT63	63.0	80.0	100.0	125.0	160.0	-	-	-	40.0	12.0	18.0	4.0
FVT90	63.0	80.0	100.0	125.0	160.0	200.0	250.0	-	48.0	14.0	20.0	5.0
FVT112	100.0	125.0	160.0	200.0	250.0	-	-	-	55.0	16.0	22.0	6.0
FVT140	100.0	125.0	160.0	200.0	250.0	-	-	-	60.0	18.0	25.0	6.0
FVT180	125.0	160.0	200.0	250.0	315.0	-	-	-	70.0	20.0	30.0	8.0
FVT250	160.0	200.0	250.0	315.0	-	-	-	-	80.0	26.0	36.0	8.0
FVT315	160.0	200.0	250.0	315.0	400.0	-	-	-	90.0	30.0	42.0	10.0

DIN Chain No.	Width between inner plates	Pin length		Plate depth		Tensile strength	
	b1	L	Lc	h2	h	Q	*Q
	min mm	max mm	max mm	max mm	max mm	min kN/lbf	min kN/lbf
FVT40	18.0	36.0	39.0	35.0	22.5	40.0/9091	47.0/10681
FVT63	22.0	45.0	48.5	40.0	25.0	63.0/14317	75.0/17045
FVT90	25.0	53.0	56.5	45.0	27.5	90.0/20453	115.0/26136
FVT112	30.0	62.0	66.0	50.0	30.0	112.0/25452	170.0/38636
FVT140	35.0	67.0	71.5	60.0	37.5	140.0/31815	180.0/40908
FVT180	45.0	86.0	92.0	70.0	45.0	180.0/40908	250.0/56817
FVT250	55.0	97.0	103.5	80.0	50.0	250.0/56817	300.0/68181
FVT315	65.0	113.0	126.5	90.0	55.0	315.0/71591	480.0/109089

*Q denotes the tensile strength after hardened

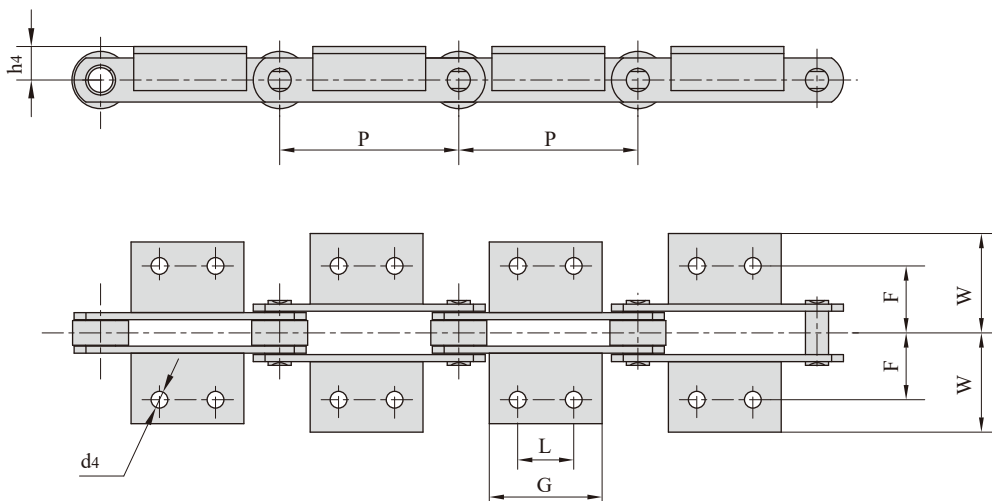
Conveyor chains with attachments (FV series)



DIN Chain No.	P	L	G	d4	F	W	h4
	mm	mm	mm	mm	mm	mm	mm
FV40	50.0	△	45.0	6.5	25.0	40.5	20.0
	63.0	△	31.0				
	80.0	25.0	45.0				
	100.0	30.0	50.0				
	125.0	30.0	60.0				
FV63	63.0	△	40.0	8.4	34.0	50.0	30.0
	80.0	25.0	45.0				
	100.0	30.0	50.0				
	125.0	40.0	60.0				
	160.0	50.0	70.0				
FV90	63.0	△	30.0	8.4	40.0	64.0	35.0
	80.0	25.0	45.0				
	100.0	30.0	50.0				
	125.0	40.0	60.0				
	160.0	50.0	70.0				
	200.0	60.0	80.0				
	250.0	65.0	85.0				
FV112	100.0	30.0	50.0	11.0	50.0	70.0	40.0
	125.0	40.0	65.0				
	160.0	50.0	75.0				
	200.0	65.0	90.0				
	250.0	80.0	105.0				

△Attachments with 1 hole

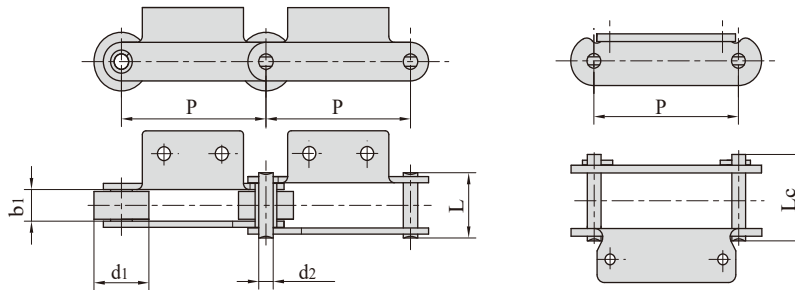
Conveyor chains with attachments (FV series)



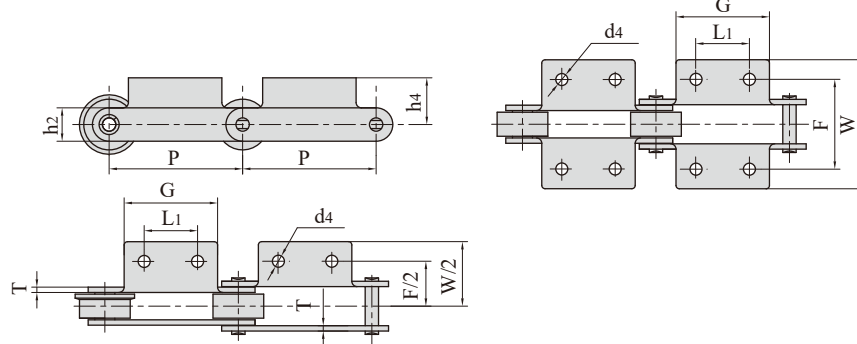
DIN Chain No.	P	L	G	d4	F	W	h4
	mm	mm	mm	mm	mm	mm	mm
FV140	100.0	30.0	55.0	11.0	50.0	81.0	45.0
	125.0	40.0	65.0				
	160.0	50.0	75.0				
	200.0	65.0	90.0				
	250.0	80.0	105.0				
FV180	125.0	35.0	63.0	13.0	64.0	91.0	45.0
	160.0	50.0	80.0				
	200.0	65.0	95.0				
	250.0	80.0	110.0				
	315.0	100.0	130.0				
FV250	160.0	50.0	80.0	14.0	69.0	106.0	55.0
	200.0	65.0	95.0				
	250.0	80.0	110.0				
	315.0	100.0	130.0				
	400.0	100.0	130.0				
FV315	160.0	△	50.0	14.0	85.0	130.0	60.0
	200.0	65.0	95.0				
	250.0	80.0	110.0				
	315.0	100.0	130.0				
	400.0	100.0	130.0				

△Attachments with 1 hole

Conveyor chains with attachments (FV series)



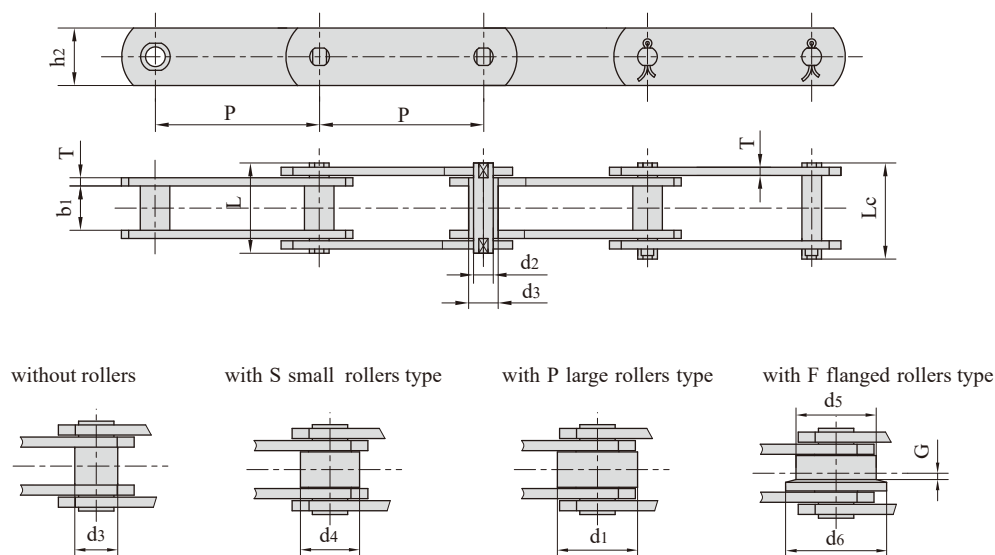
Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
FV40A2.02-P-40	40.00	32.00	18.00	10.00	36.0	40.0	40.0/8992	44.0	4.98
FV63A2F4-S-100	100.00	26.00	22.00	12.00	46.0	50.0	63.0/14172	69.3	3.95
FV90A2F1-P-85	85.00	50.00	25.00	14.00	52.0	56.5	90.0/20250	100.0	10.15
FV90A2F1-P-100	100.00	50.00	25.00	14.00	52.0	56.5	90.0/20250	100.0	8.74
FV112F1A1-P-100	100.00	55.00	30.00	16.00	71.0	76.5	180.0/40492	200.0	14.30
FV112F1A1-P-80	80.00	55.00	30.00	16.00	71.0	76.5	180.0/40492	200.0	16.60
FV112F14A2-P-125	125.00	55.00	30.00	16.00	63.0	67.5	112.0/25454	123.2	10.00
FV180F21A2-P-160	160.00	80.00	45.00	20.00	-	90.0	180.0/40492	200.0	20.40
FV250K2F8-P-250	250.00	80.00	55.00	26.00	-	107.5	250.0/56817	275.0	22.60



Chain No.	P	L1	G	F	W	h4	h2	d4	T
	mm	mm	mm	mm	mm	mm	mm	mm	mm
FV40A2.02-P-40	40.00	17.00	30.00	60.0	90.0	20.0	25.0	6.4	3.00
FV63A2F4-S-100	100.00	30.00	50.00	86.0	106.0	20.0	30.0	10.0	4.00
FV90A2F1-P-85	85.00	40.00	60.00	80.0	109.2	40.0	35.0	9.5	5.00
FV90A2F1-P-100	100.00	40.00	60.00	80.0	109.2	40.0	35.0	9.5	5.00
FV112F1A1-P-100	100.00	△	50.00	120.0	164.0	50.0	40.0	15.0	8.00
FV112F1A1-P-80	80.00	△	50.00	120.0	164.0	50.0	40.0	15.0	8.00
FV112F14A2-P-125	125.00	40.00	65.00	100.0	130.0	40.0	40.0	11.0	6.00
FV180F21A2-P-160	160.00	50.00	80.00	140.0	180.0	40.0	50.0	14.0	8.00
FV250K2F8-P-250	250.00	80.00	120.00	140.0	191.0	50.0	60.0	14.0	8.00

△Attachments with 1 hole

Conveyor chains (FV series)

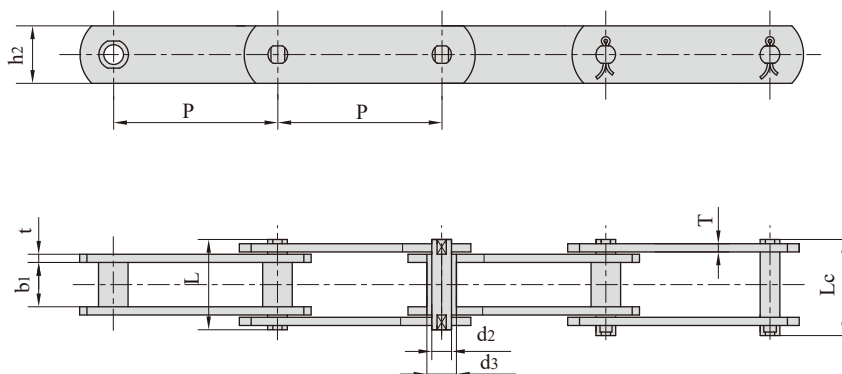


DIN Chain No.	Pitch							Roller dimension					Bush diameter
	P							d1 max	d4 max	d5 max	d6 max	G	d3 max
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
FV40	50.0	63.0	80.0	100.0	125.0	-	-	32.0	20.0	40.0	50.0	4.0	15.0
FV63	50.0	63.0	80.0	100.0	125.0	160.0	-	40.0	26.0	50.0	63.0	5.0	18.0
FV90	63.0	80.0	100.0	125.0	160.0	200.0	250.0	48.0	30.0	63.0	78.0	6.5	20.0
FV112	80.0	100.0	125.0	160.0	200.0	250.0	-	55.0	32.0	72.0	90.0	7.5	22.0
FV140	63.0	100.0	125.0	160.0	200.0	250.0	-	60.0	36.0	80.0	100.0	9.0	26.0
FV180	100.0	125.0	160.0	200.0	250.0	315.0	-	70.0	42.0	100.0	125.0	13.0	30.0
FV250	125.0	160.0	200.0	250.0	315.0	400.0	-	80.0	50.0	125.0	155.0	15.0	36.0
FV315	160.0	200.0	250.0	315.0	400.0	-	-	90.0	60.0	140.0	175.0	18.0	42.0

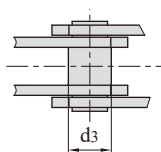
DIN Chain No.	Width between inner plates	pin diameter	Pin length		Plate depth	Plate thickness	Tensile strength	
	b1 min	d2 max	L min	Lc max	h2 max	T max	Q min	*Q min
	mm	mm	mm	mm	mm	mm	kN/lbf	kN/lbf
FV40	18.0	10.0	36.0	39.0	25.0	3.0	40.0/9091	47.0/10681
FV63	22.0	12.0	45.0	48.5	30.0	4.0	63.0/14317	75.0/17045
FV90	25.0	14.0	53.0	56.5	35.0	5.0	90.0/20453	115.0/26136
FV112	30.0	16.0	62.0	66.0	40.0	6.0	112.0/25452	170.0/38636
FV140	35.0	18.0	67.0	71.5	45.0	6.0	140.0/31815	180.0/40908
FV180	45.0	20.0	86.0	92.0	50.0	8.0	180.0/40908	250.0/56817
FV250	55.0	26.0	97.0	103.5	60.0	8.0	250.0/56817	300.0/68181
FV315	65.0	30.0	113.0	126.5	70.0	10.0	315.0/71591	480.0/109089

*Q denotes the tensile strength after hardened

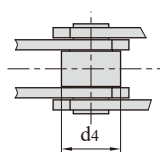
Conveyor chains (FV series)



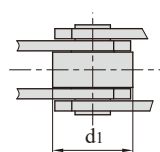
without rollers



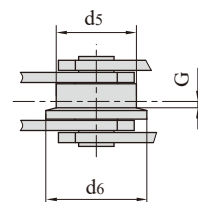
with S small rollers type



with P large rollers type



with F flanged rollers type



Chain No.	Pitch	Roller diameter						Pin diameter	Pin length		Plate depth	Plate thickness	Tensile strength	Weight per meter
	P	d1 max	d3 max	d4 max	d5 max	d6 max	G	d2 max	L max	Lc max	h2 max	t/T max	Q min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kg/m
FV40F3-P-63	63.0	32.0	-	-	-	-	-	10.0	38.1	41.5	45.0	4.0	80.0/17985	2.13
FV63F11-P-100	100.0	40.0	-	-	-	-	-	14.0	37.0	-	30.0	4.0	60.0/13488	3.89
FV63F12-P-125	125.0	40.0	-	-	-	-	-	10.0	44.5	48.0	30.0	4.0	63.0/14162	3.84
FV90-B-50	50.0	-	20.0	-	-	-	-	14.0	52.0	56.4	35.0	5.0	90.0/20453	6.10
FV90F9-B-100	100.0	-	20.0	-	-	-	-	14.0	60.2	64.6	35.0	6.0/8.0	90.0/20453	6.00
FV90F10-B-100	100.0	-	20.0	-	-	-	-	14.0	60.2	64.6	40.0	6.0/8.0	90.0/20453	6.83
FV112-S-63	63.0	-	-	32.0	-	-	-	16.0	63.0	67.5	40.0	6.0	112.0/25454	8.80
FV140-B-80	80.0	-	26.0	-	-	-	-	18.0	67.0	72.5	45.0	6.0	140.0/31473	8.55
FV140-PF1-125	125.0	65.0	-	-	-	-	-	18.0	67.0	71.5	45.0	6.0	140.0/31473	12.76
FV140F27-F-125	125.0	-	-	-	80.0	93.5	9.5	18.0	68.4	73.0	45.0	6.4	140.0/31473	17.00
FV180-B-150	150.0	-	30.0	-	-	-	-	20.0	85.5	92.0	50.0	8.0	180.0/40492	8.24