

Coupler installation size drawing



Model	ΦA	ΦB	ΦC	N-Φd	T1	T2	T3	T4	T5	T6	T7	T8	T9	K1	K2	S	h1	h2	h3	h4	A1	N.W (kg)	Guide rod length (mm)
200-200(PN10)	Φ200	295	340	8-Φ22	400	260	280	24	48	400	445	100	95	300	355	230	440	325	555	-	285	125	E1-460
250-250(PN10)	Φ250	350	395	12-Φ22	400	260	280	24	48	460	555	110	95	360	430	295	460	315	630	-	310	195	E1-480
300-300(PN10)	Φ300	400	445	12-Φ22	520	340	375	32	65	550	600	140	115	414	460	270	570	415	730	-	380	305	E1-590

Note: The guide rod pipes, anchor bolts, and upper guide rod frame bolts need to be provided by the customer. Standard galvanized water pipes can be used as guide rods. 4 inches (100-100) and below are equipped with internal, threaded flanges and bolts and nuts, 6 inches (150-150) and above are not equipped with internal threaded flanges and bolts and nuts

Internal thread

Coupling assembly	Material	50-50 (PN6)	65-65 (PN6)	80-80 (PN6)	100-100 (PN6)	100-100(PN10)
Coupling seat	Cast iron	DN40/DN50(PN6)	DN65(PN6)	DN80(PN6)	DN100(PN6)	DN100(PN10)
Coupling block	Cast iron	DN32/DN40/DN50(PN6)	DN65-65(PN6)	DN80-80(PN6)	DN100-100(PN6)	DN100-100(PN10)
*Flange gasket	Nitrile rubber	DN32/DN40/DN50(PN6)	DN65(PN6)	DN80(PN6)	DN100(PN6)	DN100(PN10)
*Bolt	Carbon steel	4-M12x55	4-M12x55	4-M16x60	4-M16x60	8-M16x60
*Spring pad	Carbon steel	4-Φ12	4-Φ12	4-Φ16	4-Φ16	8-Φ16
*Nut	Carbon steel	4-M12	4-M12	4-M16	4-M16	8-M16
*Anti-flange	Cast iron	G2(Internal thread) (Matching)	G2 ¹ / ₂ (Internal thread) (Matching)	G3(Internal thread) (Matching)	DN100	DN100
*Flange gasket	Nitrile rubber	DN50(PN6)(Matching)	DN65(PN6)(Matching)	DN80(PN6)(Matching)	DN100(PN6)	DN100(PN6)
*Bolt	Carbon steel	4-M12x55(Matching)	4-M12x55(Matching)	4-M16x60(Matching)	4-M16x60	8-M16x60
*Spring pad	Carbon steel	4-Φ12(Matching)	4-Φ12(Matching)	4-Φ16(Matching)	4-Φ16	8-Φ16
*Nut	Carbon steel	4-M12(Matching)	4-M12(Matching)	4-M16(Matching)	4-M16	8-M16
Upper guide rod frame	Sheetmetal	DN50	DN65	DN80	DN100	DN100
Recommended reserved hole size for anchor bolts		80x80x270	80x80x270	80x80x270	100x100x350	100x100x350
*Guide rod	*Model	Φ32xΦ26	Φ42xΦ36	Φ42xΦ36	Φ45xΦ39	Φ45xΦ39
	Length	(Pool depth)-205mm	(Pool depth)-225mm	(Pool depth)-245mm	(Pool depth)-305mm	(Pool depth)-305mm
*Accessory pack (See below for details)		TOPJ-03	TOPJ-03	TOPJ-03	TOPJ-05t	TOPJ-05

Note: The mark * means that the accessories not included in the coupler need to be configured separately (Except for matching)

Internal thread

Coupling assembly	Material	150-150 (PN6)	150-150 (PN10)	200-200 (PN10)	250-250 (PN10)	300-300 (PN10)	400-400 (PN10)
Coupling seat	Cast iron	DN150(PN6)	DN150(PN10)	DN200(PN10)	DN250(PN10)	DN300(PN10)	DN400(PN10)
Coupling block	Cast iron	DN150-150(PN10)	150-150(PN10)	200-200(PN10)	250-250(PN10)	300-300(PN10)	400-400(PN10)
*Flange gasket	Nitrile rubber	DN150(PN6)	DN150(PN10)	DN200(PN10)	DN250(PN10)	DN300(PN10)	DN400(PN10)
*Bolt	Carbon steel	8-M16x60	8-M20x65	8-M20x80	12-M20x80	12-M20x100	16-M24x100
*Spring pad	Carbon steel	8-Φ16	8-Φ20	8-Φ20	12-Φ20	12-Φ20	16-Φ24
*Nut	Carbon steel	8-M16	8-M20	8-M20	12-M20	12-M20	16-M24
*Anti-flange	Cast iron	DN150	DN150	DN200	DN250	DN300	DN400
*Flange gasket	Nitrile rubber	DN150(PN6)	DN150(PN10)	DN200(PN10)	DN250(PN10)	DN300(PN10)	DN400(PN10)
*Bolt	Carbon steel	8-M16x60	8-M20x65	8-M20x80	12-M20x80	2-M20x100	16-M24x100
*Spring pad	Carbon steel	8-Φ16	8-Φ20	8-Φ20	12-Φ20	12-Φ20	16-Φ24
*Nut	Carbon steel	8-M16	8-M20	8-M20	12-M20	12-M20	16-M24
Upper guide rod frame	Sheetmetal or Cast iron	DN150	DN150	DN200	DN250	DN300	DN400
Recommended reserved hole size for anchor bolts		100x100x350	100x100x350	100x100x350	100x100x350	100x100x350	100x100x350
*Guide rod	*Model	Φ45x39	Φ45x39	Φ48x42	Φ48x42	Φ60x53	Φ60x53
	Length	(Pool depth)-380mm	(Pool depth)-380mm	(Pool depth)-460	(Pool depth)-480	(Pool depth)-590	(Pool depth)-790
*Accessory pack (See below for details)		≤22KW:TOPJ-05 30-45KW:TOPJ-06	≤22KW:TOPJ-05 30-45KW:TOPJ-06	≤22KW:TOPJ-08 30-45KW:TOPJ-09 55-75KW:TOPJ-10	≤22KW:TOPJ-08 30-45KW:TOPJ-09 55-75KW:TOPJ-10	30-45KW:TOPJ-09 55-75KW:TOPJ-10	30-45KW:TOPJ-09 55-75KW:TOPJ-10

Note: The mark * means that the accessories not included in the coupler need to be configured separately (Except for matching)

Accessory pack	Includes accessories		
	Anchor bolt	Expansion bolt	Chain specification
TOPJ-03	4-M16x220	2-M12x120	Φ5
TOPJ-05	4-M20x300	2-M12x120	Φ6
TOPJ-06	4-M20x300	2-M12x120	Φ8
TOPJ-08	4-M24x300	3-M14x120	Φ6
TOPJ-09	4-M24x300	3-M14x120	Φ8
TOPJ-10	4-M24x300	3-M14x120	Φ10

Remarks: The accessory package is optional and can be purchased separately when needed, separate inquiry required