

HYDRAULIC ROTARY ACTUATOR FOR TILTING COUPLERS



WEITAI
ROTARY ACTUATOR

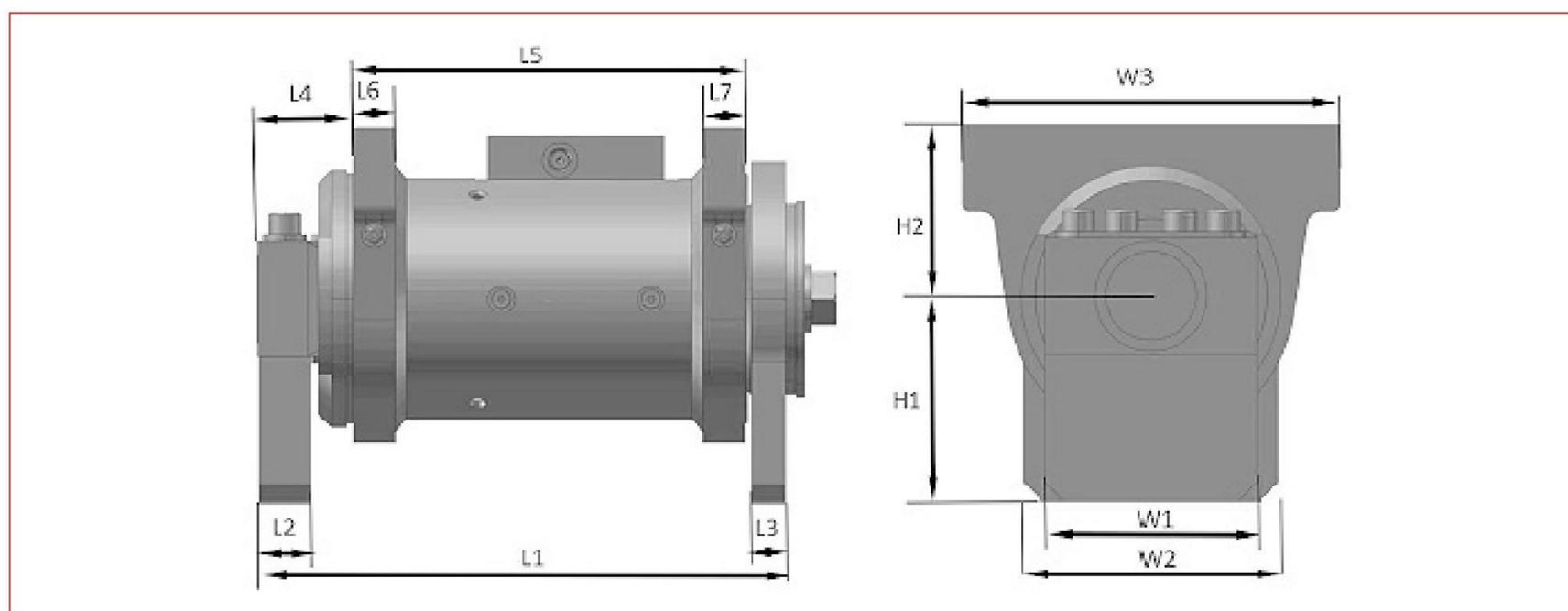
QINGDAO WEITAI HYDRAULIC CO., LTD.

TEL: +86 532 6872 1157

EMAIL: sales@weitai-group.com

WEB: www.wtrotaryactuator.com

SPECIFICATIONS OF WP SERIES



TECHNICAL PARAMETERS

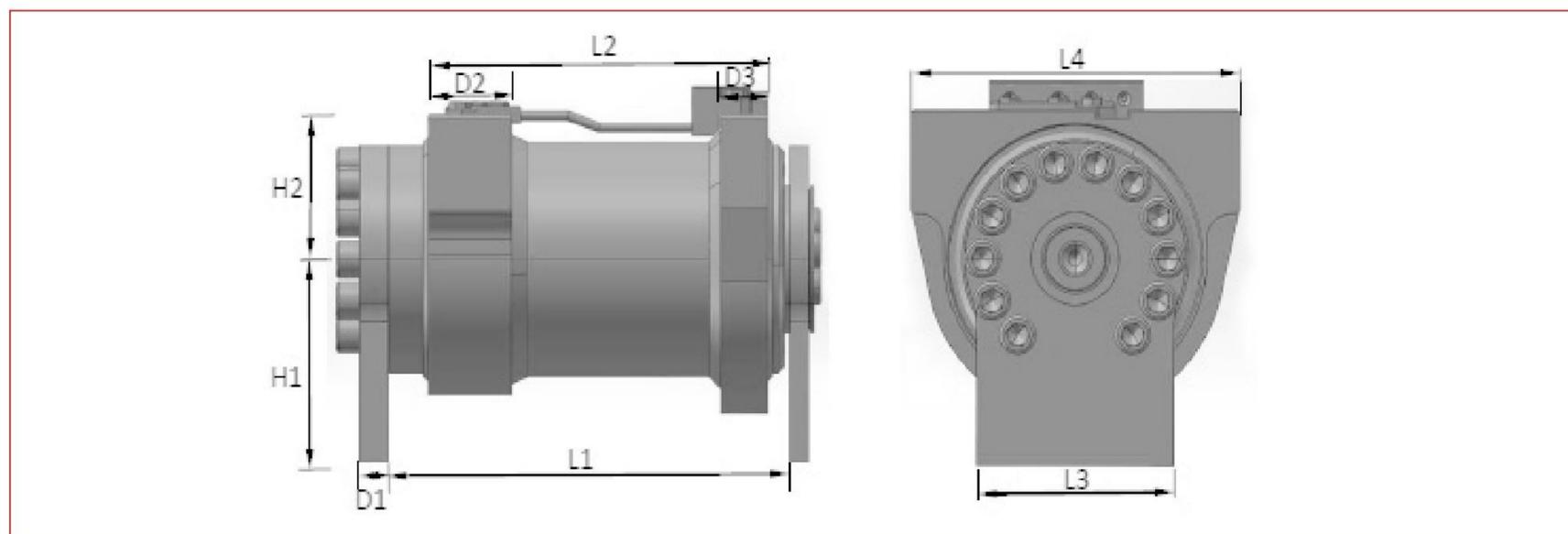
MODEL	EXCAVATOR WEIGHT (T)	DRIVEING TORQUE (NM)	HOLDING TORQUE (NM)	WEIGHT (KG)	DISPLACEMENT (CC)	FLOW (L/MIN)	ROTATION (°)
WP-009-180	1.8	900	2400	21	234	2-4	180
WP-028-180	4.8	2800	6800	65	688	5-16	
WP-047-180	6.8	4700	12000	84	1180	11-32	
WP-073-180	9.1	7300	18000	135	1870	15-44	
WP-105-140	13	10500	26000	210	2086	19-58	140
WP-140-140	20	14000	35000	270	2754	26-78	
WP-180-140	27	18000	46000	320	3618	35-105	
WP-240-140	34	24000	59000	420	4668	45-136	

MOUNTING DIMENSIONS

MODEL	L1 (MM)	L2 (MM)	L3 (MM)	L4 (MM)	L5 (MM)	L6 (MM)	L7 (MM)	H1 (MM)	H2 (MM)	W1 (MM)	W2 (MM)	W3 (MM)
WP-009-180	216	12.7	12.7	14.3	211	25.4	25.4	104	88.9	96	96	160
WP-028-180	318	37	22	54	238	26	26	130	113	154	154	240
WP-047-180	387	38	25	70	288	31	31	150	125	154	185	275
WP-073-180	454	38	32	75	345	32	32	170	140	190	206	325
WP-105-140	536	44	32	64	437	38	38	175	151	228	280	420
WP-140-140	533	51	38	80	408	44	44	187	160	254	292	445
WP-180-140	640	50	38	96	496	49	49	225	190	267	305	430

*Specification charts are for general reference only, please consult drawing for actual values and tolerances.

SPECIFICATIONS OF WT SERIES



TECHNICAL PARAMETERS

MODEL	EXCAVATOR WEIGHT (T)	DRIVEING TORQUE (NM)	HOLDING TORQUE (NM)	WEIGHT (KG)	DISPLACEMENT (CC)	FLOW (L/MIN)	ROTATION (°)
WT-009-180	1.8	900	2400	25	234	2-4	180
WT-016-180	3	1630	6524	38	623	6-19	
WT-026-180	5	2600	9300	48	831	8-25	
WT-032-180	5.5	3200	7200	54	1056	8-25	
WT-043-180	7	4375	14850	83	1262	13-38	
WT-070-180	8	7000	20000	92	2100	19-58	
WT-090-180	12	9000	26100	148	2600	26-78	
WT-150-134	20	15000	43000	201	3200	35-105	134
WT-200-120	26	20000	58000	272	4300	41-126	120
WT-280-120	34	28000	75000	376	5500	51-165	
WT-450-120	50	44300	98950	546	12000	102-350	

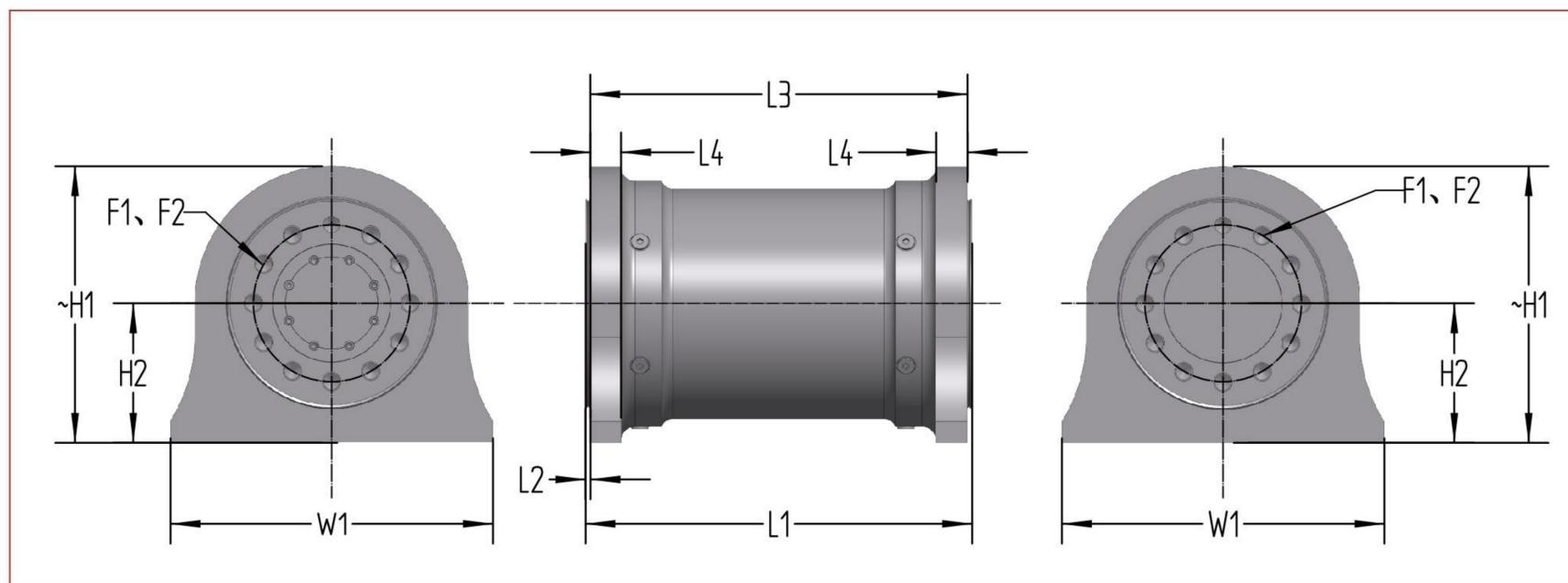
MOUNTING DIMENSIONS

MODEL	L1 (MM)	L2 (MM)	L3 (MM)	L4 (MM)	D1 (MM)	D2 (MM)	D3 (MM)	H1 (MM)	H2 (MM)
WT-009-180	239	221.4	96	160	12.7	25	25	104	85
WT-016-180	242.1	217.1	120	190	19.1	55.9	31.8	110	82
WT-026-180	271.1	229	130	218	19.1	55.9	31.8	130	93
WT-032-180	307	282.1	130	223	20	30	30	145	105
WT-043-180	343.3	290.2	160	254	24.4	62.2	43.2	145	114
WT-070-180	385	340.6	160	250	25	40	40	150	115
WT-090-180	457	405.2	180	320	30	42	42	170	155
WT-150-134	479	451.4	200	385	30	50	50	180	160
WT-200-120	495	466	220	398	40	60	60	220	167
WT-280-120	546	479	330	440	45	65	65	220	180
WT-450-120	623	535	400	550	55	73	73	346	277

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SPECIFICATIONS OF WBV SERIES

WEITAI
ROTARY ACTUATOR



TECHNICAL PARAMETERS

MODEL	EXCAVATOR WEIGHT (T)	PRESSURE (BAR)	HOLDING TORQUE (NM)	WEIGHT (KG)	DISPLACEMENT (CC)	FLOW (L/MIN)	ROTATION (°)
WBV-085-180*	1.8	210	2000	16.8	238	2-4	180
WBV-100-180	2.5	210	2100	20	323	2-4	
WBV-115-180	2.3-4.2	210	4300	49	513	5-10	
WBV-125-180	4-6.2	210	8200	61	840	8-12	
WBV-130-180	6-7.5	210	11000	68	1045	10-15	
WBV-160-180	7.3-10	210	17500	102	2064	20-25	
WBV-240-140	11-16	210	34000	186	2519	25-30	140
WBV-250-140	15-23	210	40000	236	2686	25-30	

MOUNTING DIMENSIONS

MODEL	L1 (MM)	L2 (MM)	L3 (MM)	L4 (MM)	H1 (MM)	H2 (MM)	W1 (MM)	F1 (MM)	F2 (MM)	PORT (BSPP)
WBV-085-180*	194	3	188	20	152	77	164	85	12-M10	1/8
WBV-100-180	245	5	235	20	152	77	150	85	12-M10	1/4
WBV-115-180	344	8	328	30	187	95	220	102	12-M10	1/4
WBV-125-180	277	5	275	30	232	120	275	130	16-M12	1/4
WBV-130-180	345	5	335	30	227	115	270	130	12-M16	1/4
WBV-160-180	383	5	373	35	266	133	300	155	12-M20	3/8
WBV-240-140	412	5	402	38	328	165	390	200	12-M20	3/8
WBV-250-140	430	5	420	40	178	353	412	200	12-M24	3/8

The integrated relief valve is available for all models except WBV-085-180.