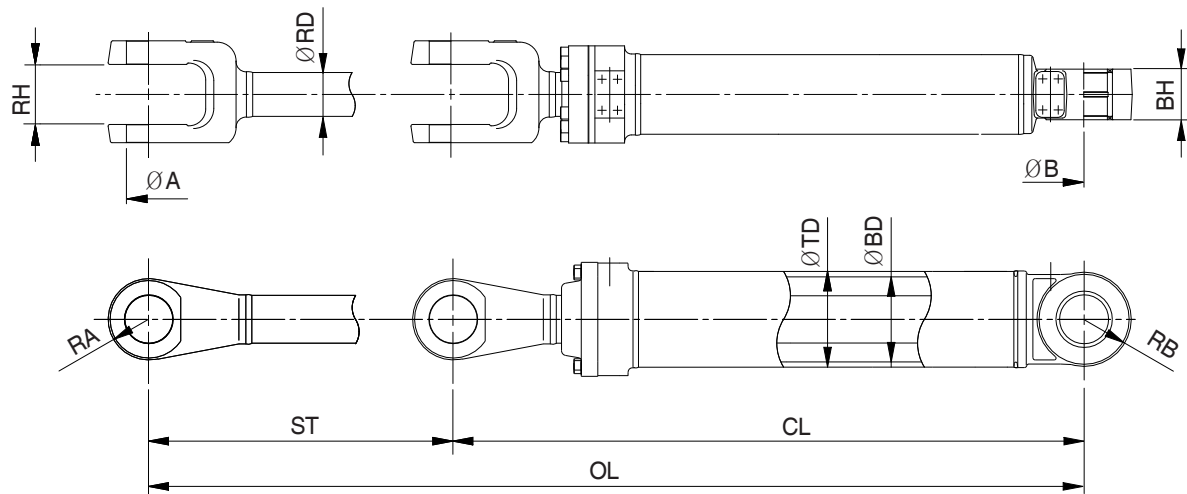


ATTACHMENT SPECIFICATION

2. Hydraulic Cylinder

2.1 Boom Cylinder (1/3)



CYLINDER ST

Unit : mm

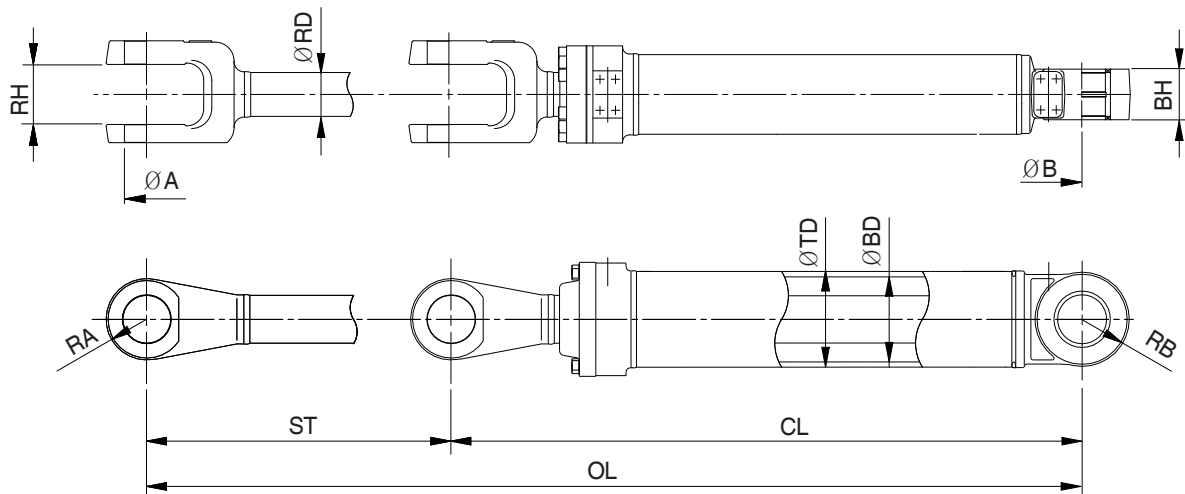
inch

Model	Weight	ØBD	ØTD	ØRD	ST	CL	OL	ØA	RA	RH	ØB	RB	BH
HL730-9	74 kg	Ø100	Ø116	Ø65	750	1190	1940	Ø65	60	89	Ø70	60	75
HL730-9A													
HL730TM-9	163 lb	Ø3.9	Ø4.6	Ø2.6	29.5	46.9	76.4	Ø2.6	2.4	3.5	Ø2.8	2.4	3.0
HL730TM-9A													
HL740-9	84 kg	Ø110	Ø128	Ø65	738	1177	1915	Ø65	60	89	Ø70	62.5	75
HL740-9A													
HL740TM-9	185 lb	Ø4.3	Ø5.0	Ø2.6	29.1	46.3	75.4	Ø2.6	2.4	3.5	Ø2.8	2.5	3.0
HL740TM-9A													
HL757-9	99 kg	Ø120	Ø140	Ø70	785	1240	2025	Ø75	70	96	Ø75	67.5	85
HL757-9A													
HL757TM-9	218 lb	Ø4.7	Ø5.5	Ø2.8	30.9	48.8	79.7	Ø3.0	2.8	3.8	Ø3.0	2.7	3.3
HL757TM-9A													
HL760-9	147 kg	Ø140	Ø165	Ø80	757	1300	2057	Ø95	80	102	Ø95	81	90
HL760-9A													
HL760TM-9	324 lb	Ø5.5	Ø6.5	Ø3.1	29.8	51.2	81.0	Ø3.7	3.1	4.0	Ø3.7	3.2	3.5
HL760TM-9A													
HL770-9	217 kg	Ø160	Ø189	Ø95	765	1325	2090	Ø100	85	103	Ø100	90	100
HL770-9A													
HL770TM-9	478 lb	Ø6.3	Ø7.4	Ø3.7	30.1	52.2	82.3	Ø3.9	3.3	4.1	Ø3.9	3.5	3.9
HL770TM-9A													
HL780-9	285 kg	Ø180	Ø213	Ø105	863	1484	2347	Ø120	110	122	Ø120	100	125
HL780-9A													
HL780TM-9	628 lb	Ø7.1	Ø8.4	Ø4.1	34.0	58.4	92.4	Ø4.7	4.3	4.8	Ø4.7	3.9	4.9
HL780TM-9A													

ATTACHMENT SPECIFICATION

2. Hydraulic Cylinder

2.1 Boom Cylinder (2/3)



CYLINDER ST

Unit : mm

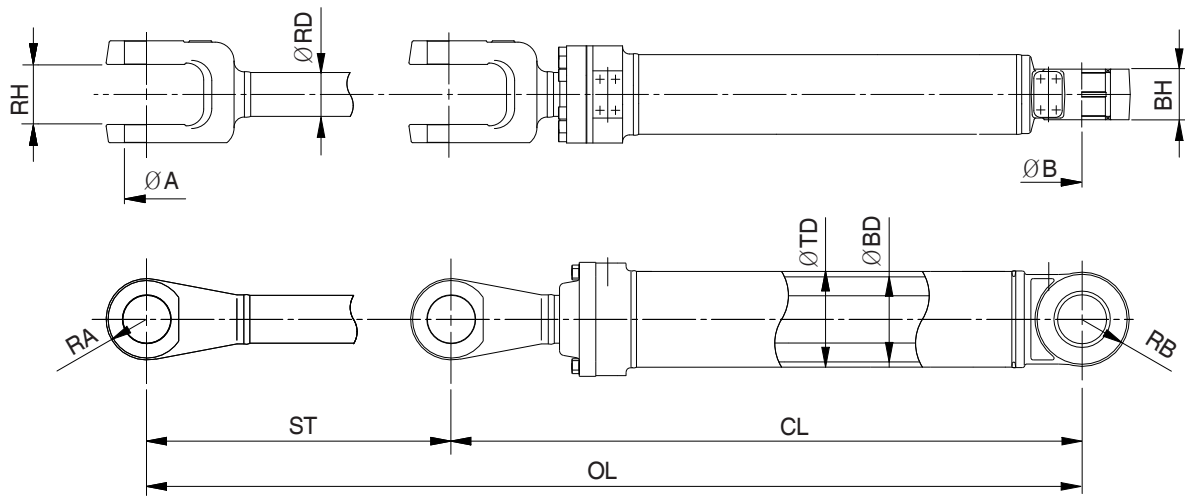
inch

Model	Weight	ØBD	ØTD	ØRD	ST	CL	OL	ØA	RA	RH	ØB	RB	BH
HL730-9S	73 kg	Ø105	Ø118	Ø65	772	1203	1975	Ø65	60	89	Ø70	60	75
	161 lb	Ø4.1	Ø4.6	Ø2.6	30.4	47.4	77.8	Ø2.6	2.4	3.5	Ø2.8	2.4	3.0
HL740-9S	93 kg	Ø120	Ø139	Ø70	738	1177	1915	Ø65	60	89	Ø70	62.5	75
	205 lb	Ø4.7	Ø5.5	Ø2.8	29.1	46.3	75.4	Ø2.6	2.4	3.5	Ø2.8	2.5	3.0
HL757-9S	113 kg	Ø140	Ø158	Ø75	750	1205	1955	Ø75	70	96	Ø75	67.5	85
	249 lb	Ø5.5	Ø6.2	Ø3.0	29.5	47.4	77.0	Ø3.0	2.8	3.8	Ø3.0	2.7	3.3
HL760-9S	160 kg	Ø160	Ø180	Ø90	757	1300	2057	Ø95	80	102	Ø95	81	90
	353 lb	Ø6.3	Ø7.1	Ø3.5	29.8	51.2	81.0	Ø3.7	3.1	4.0	Ø3.7	3.2	3.5
HL770-9S	198 kg	Ø180	Ø203	Ø100	765	1325	2090	Ø100	85	103	Ø100	100	100
	436 lb	Ø7.1	Ø8.0	Ø3.9	30.1	52.2	82.3	Ø3.9	3.3	4.1	Ø3.9	3.9	3.9
HL780-9S	277 kg	Ø200	Ø225	Ø110	863	1484	2347	Ø120	110	122	Ø120	112.5	125
	611 lb	Ø7.9	Ø8.9	Ø4.3	34.0	58.4	92.4	Ø4.7	4.3	4.8	Ø4.7	4.4	4.9

ATTACHMENT SPECIFICATION

2. Hydraulic Cylinder

2.1 Boom Cylinder (3/3)



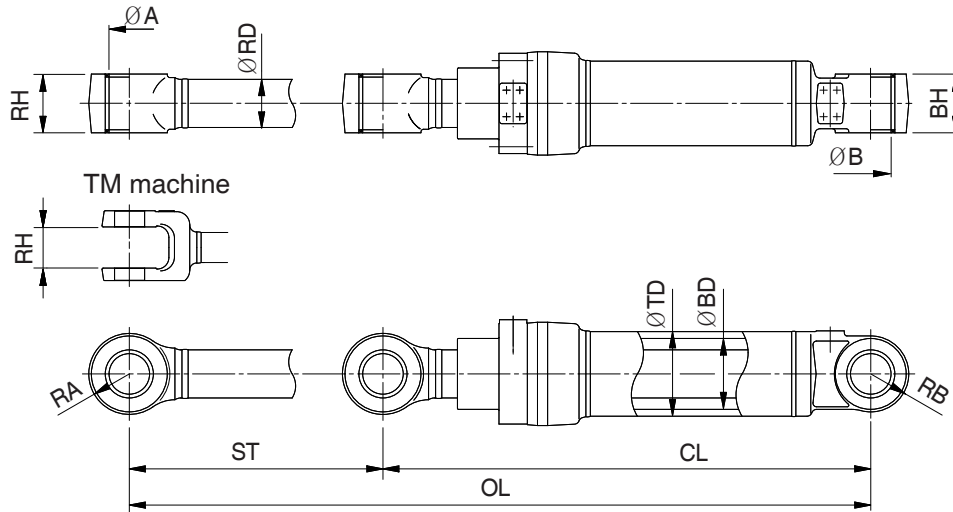
CYLINDER ST
Unit : mm
inch

Model	Weight	ØBD	ØTD	ØRD	ST	CL	OL	ØA	RA	RH	ØB	RB	BH
HL930A	74 kg	Ø100	Ø116	Ø65	750	1190	1940	Ø65	60	89	Ø70	60	75
HL930A TM	163 lb	Ø3.9	Ø4.6	Ø2.6	29.5	46.9	76.4	Ø2.6	2.4	3.5	Ø2.8	2.4	3.0
HL940	84 kg	Ø110	Ø128	Ø65	738	1177	1915	Ø65	60	89	Ø70	62.5	75
HL940A HL940TM HL940A TM	185 lb	Ø4.3	Ø5.0	Ø2.6	29.1	46.3	75.4	Ø2.6	2.4	3.5	Ø2.8	2.5	3.0
HL955	110 kg	Ø125	Ø146	Ø70	745	1200	1945	Ø75	70	96	Ø75	67.5	85
HL955A HL955 T3 HL955TM HL955A TM	243 lb	Ø4.9	Ø5.7	Ø2.8	29.3	47.2	76.6	Ø3.0	2.8	3.8	Ø3.0	2.7	3.3
HL960	150 kg	Ø140	Ø165	Ø80	765	1305	2070	Ø95	80	102	Ø95	81	90
HL960A HL960 T3	331 lb	Ø5.5	Ø6.5	Ø3.1	30.1	51.4	81.5	Ø3.7	3.1	4.0	Ø3.7	3.2	3.5
HL965	155 kg	Ø140	Ø165	Ø80	785	1310	2095	Ø95	80	102	Ø95	81	90
	342 lb	Ø5.5	Ø6.5	Ø3.1	30.9	51.6	82.5	Ø3.7	3.1	4.0	Ø3.7	3.2	3.5
HL970	206 kg	Ø160	Ø192	Ø95	780	1340	2120	Ø100	85	103	Ø100	90	100
	454 lb	Ø6.3	Ø7.6	Ø3.7	30.7	52.8	83.5	Ø3.9	3.3	4.1	Ø3.9	3.5	3.9
HL970A	200 kg	Ø165	Ø193	Ø95	780	1340	2120	Ø100	85	103	Ø100	90	100
HL970 T3	441 lb	Ø6.5	Ø7.6	Ø3.7	30.7	52.8	83.5	Ø3.9	3.3	4.1	Ø3.9	3.5	3.9
HL975	231 kg	Ø170	Ø196	Ø100	795	1395	2190	Ø100	85	103	Ø100	90	100
HL975A	509 lb	Ø6.7	Ø7.7	Ø3.9	31.3	54.9	86.2	Ø3.9	3.3	4.1	Ø3.9	3.5	3.9
HL980	299 kg	Ø180	Ø212	Ø105	885	1515	2400	Ø120	110	122	Ø120	100	125
HL980A HL980 T3	659 lb	Ø7.1	Ø8.3	Ø4.1	34.8	59.6	94.5	Ø4.7	4.3	4.8	Ø4.7	3.9	4.9
HL985A	327 kg	Ø190	Ø226	Ø107	890	1510	2400	Ø120	110	122	Ø120	100	125
	721 lb	Ø7.5	Ø8.9	Ø4.2	35.0	59.4	94.5	Ø4.7	4.3	4.8	Ø4.7	3.9	4.9

ATTACHMENT SPECIFICATION

2. Hydraulic Cylinder

2.2 Bucket Cylinder (1/3)



CYLINDER ST

Unit : mm

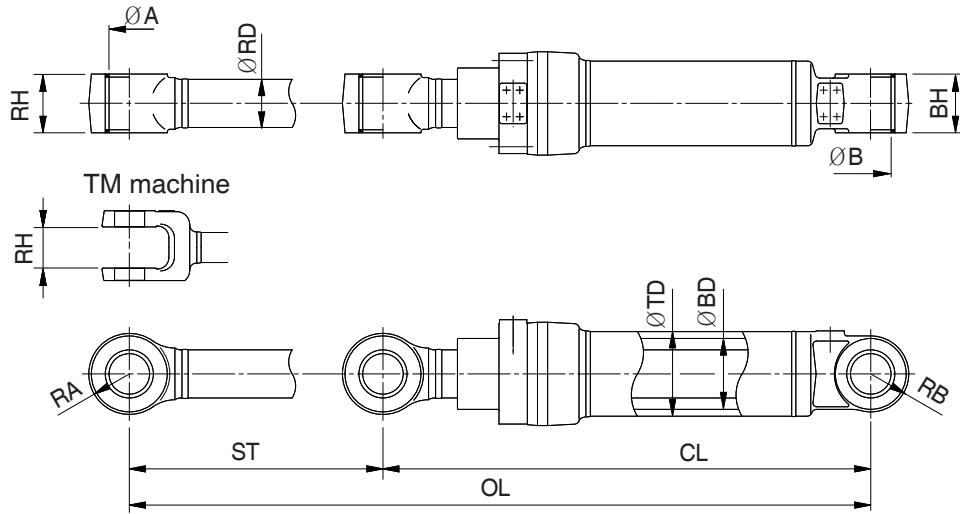
inch

Model	Weight	$\varnothing BD$	$\varnothing TD$	$\varnothing RD$	ST	CL	OL	$\varnothing A$	RA	RH	$\varnothing B$	RB	BH
HL730-9	69 kg	$\varnothing 110$	$\varnothing 128$	$\varnothing 65$	510	960	1470	$\varnothing 70$	62.5	75	$\varnothing 70$	62.5	75
HL730-9A	152 lb	$\varnothing 4.3$	$\varnothing 5.0$	$\varnothing 2.6$	20.1	37.8	57.9	$\varnothing 2.8$	2.5	3.0	$\varnothing 2.8$	2.5	3.0
HL730XTD-9	75 kg	$\varnothing 110$	$\varnothing 128$	$\varnothing 65$	515	1215	1730	$\varnothing 70$	62.5	75	$\varnothing 70$	62.5	75
HL730XTD-9A	165 lb	$\varnothing 4.3$	$\varnothing 5.0$	$\varnothing 2.6$	20.3	47.8	68.1	$\varnothing 2.8$	2.5	3.0	$\varnothing 2.8$	2.5	3.0
HL730TM-9	57 kg	$\varnothing 90$	$\varnothing 106$	$\varnothing 50$	775	1260	2035	$\varnothing 50$	50	81	$\varnothing 50$	50	72
HL730TM-9A	126 lb	$\varnothing 3.5$	$\varnothing 4.2$	$\varnothing 2.0$	30.5	49.6	80.1	$\varnothing 2.0$	2.0	3.2	$\varnothing 2.0$	2.0	2.8
HL740-9	90 kg	$\varnothing 125$	$\varnothing 146$	$\varnothing 70$	505	1010	1515	$\varnothing 75$	70	85	$\varnothing 75$	67.5	85
HL740-9A	198 lb	$\varnothing 4.9$	$\varnothing 5.7$	$\varnothing 2.8$	19.9	39.8	59.6	$\varnothing 3.0$	2.8	3.3	$\varnothing 3.0$	2.7	3.3
HL740XTD-9	99 kg	$\varnothing 125$	$\varnothing 146$	$\varnothing 70$	505	1315	1820	$\varnothing 75$	70	85	$\varnothing 75$	67.5	85
HL740XTD-9A	218 lb	$\varnothing 4.9$	$\varnothing 5.7$	$\varnothing 2.8$	19.9	51.8	71.7	$\varnothing 3.0$	2.8	3.3	$\varnothing 3.0$	2.7	3.3
HL740TM-9	58 kg	$\varnothing 95$	$\varnothing 112$	$\varnothing 50$	745	1235	1980	$\varnothing 50$	50	70	$\varnothing 50$	50	60
HL740TM-9A	128 lb	$\varnothing 3.7$	$\varnothing 4.4$	$\varnothing 2.0$	29.3	48.6	78.0	$\varnothing 2.0$	2.0	2.8	$\varnothing 2.0$	2.0	2.4
HL757-9	112 kg	$\varnothing 140$	$\varnothing 165$	$\varnothing 75$	485	975	1460	$\varnothing 90$	80	90	$\varnothing 95$	81	90
HL757-9A	247 lb	$\varnothing 5.5$	$\varnothing 6.5$	$\varnothing 3.0$	19.1	38.4	57.5	$\varnothing 3.5$	3.1	3.5	$\varnothing 3.7$	3.2	3.5
HL757XTD-9	124 kg	$\varnothing 140$	$\varnothing 165$	$\varnothing 75$	485	1330	1815	$\varnothing 90$	80	90	$\varnothing 95$	81	90
HL757XTD-9A	273 lb	$\varnothing 5.5$	$\varnothing 6.5$	$\varnothing 3.0$	19.1	52.4	71.5	$\varnothing 3.5$	3.1	3.5	$\varnothing 3.7$	3.2	3.5
HL757TM-9	95 kg	$\varnothing 110$	$\varnothing 130$	$\varnothing 65$	755	1248	2003	$\varnothing 65$	60	85	$\varnothing 70$	62.5	75
HL757TM-9A	209 lb	$\varnothing 4.3$	$\varnothing 5.1$	$\varnothing 2.6$	29.7	49.1	78.9	$\varnothing 2.6$	2.4	3.3	$\varnothing 2.8$	2.5	3.0
HL760-9	168 kg	$\varnothing 160$	$\varnothing 189$	$\varnothing 85$	530	1110	1630	$\varnothing 110$	100	110	$\varnothing 110$	100	110
HL760-9A	370 lb	$\varnothing 6.3$	$\varnothing 7.4$	$\varnothing 3.3$	20.9	43.7	64.2	$\varnothing 4.3$	3.9	4.3	$\varnothing 4.3$	3.9	4.3
HL760XTD-9	185 kg	$\varnothing 160$	$\varnothing 189$	$\varnothing 85$	515	1475	1990	$\varnothing 110$	100	110	$\varnothing 110$	100	110
HL760XTD-9A	408 lb	$\varnothing 6.3$	$\varnothing 7.4$	$\varnothing 3.3$	20.3	58.1	78.3	$\varnothing 4.3$	3.9	4.3	$\varnothing 4.3$	3.9	4.3
HL770-9	206 kg	$\varnothing 180$	$\varnothing 213$	$\varnothing 95$	570	1135	1705	$\varnothing 120$	100	115	$\varnothing 120$	100	125
HL770-9A	454 lb	$\varnothing 7.1$	$\varnothing 8.4$	$\varnothing 3.7$	22.4	44.7	67.1	$\varnothing 4.7$	3.9	4.5	$\varnothing 4.7$	3.9	4.9
HL770XTD-9	235 kg	$\varnothing 180$	$\varnothing 213$	$\varnothing 95$	570	1480	2050	$\varnothing 120$	100	115	$\varnothing 120$	100	125
HL770XTD-9A	518 lb	$\varnothing 7.1$	$\varnothing 8.4$	$\varnothing 3.7$	22.4	58.3	80.7	$\varnothing 4.7$	3.9	4.5	$\varnothing 4.7$	3.9	4.9

ATTACHMENT SPECIFICATION

2. Hydraulic Cylinder

2.2 Bucket Cylinder (1/3)



CYLINDER ST

Unit : mm

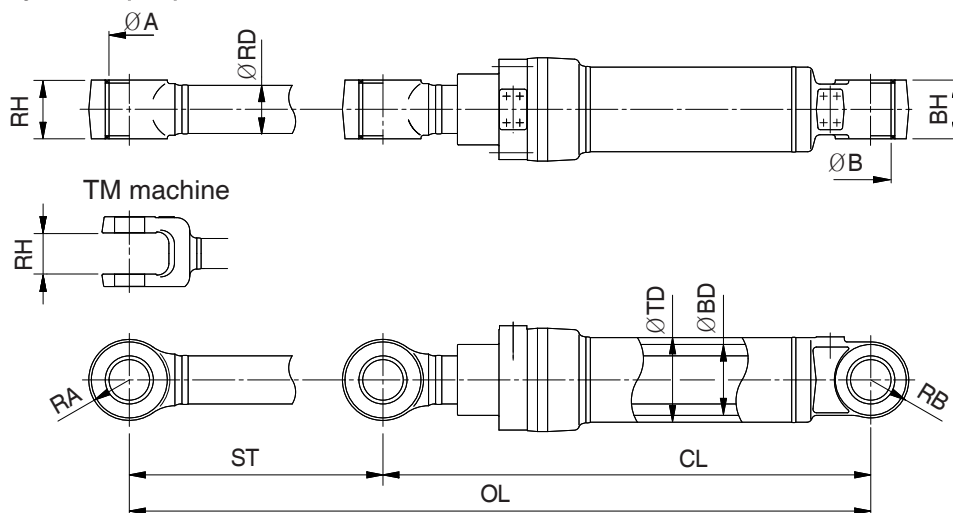
inch

Model	Weight	ØBD	ØTD	ØRD	ST	CL	OL	ØA	RA	RH	ØB	RB	BH
HL780-9	123 kg	Ø140	Ø165	Ø75	575	1190	1765	Ø90	80	90	Ø95	81	90
HL780-9A	271 lb	Ø5.5	Ø6.5	Ø3.0	22.6	46.9	69.5	Ø3.5	3.1	3.5	Ø3.7	3.2	3.5
HL780XTD-9	134 kg	Ø140	Ø165	Ø75	570	1495	2065	Ø90	80	90	Ø95	81	90
HL780XTD-9A	295 lb	Ø5.5	Ø6.5	Ø3.0	22.4	58.9	81.3	Ø3.5	3.1	3.5	Ø3.7	3.2	3.5
HL780-9	123 kg	Ø140	Ø165	Ø75	575	1085	1660	Ø90	80	90	Ø95	81	90
HL780-9A (for marble)	271 lb	Ø5.5	Ø6.5	Ø3.0	22.6	42.7	65.4	Ø3.5	3.1	3.5	Ø3.7	3.2	3.5

ATTACHMENT SPECIFICATION

2. Hydraulic Cylinder

2.2 Bucket Cylinder (2/3)



CYLINDER ST

Unit : mm

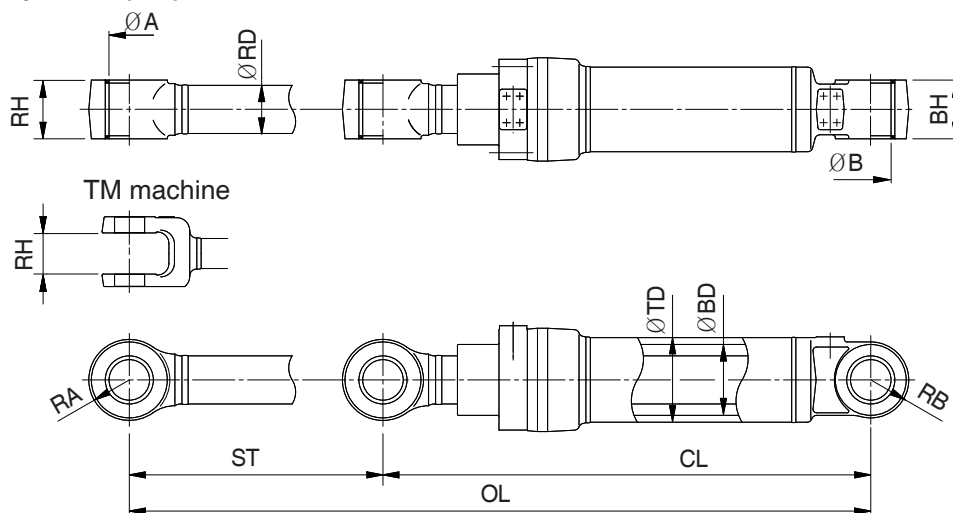
inch

Model	Weight	ØBD	ØTD	ØRD	ST	CL	OL	ØA	RA	RH	ØB	RB	BH
HL730-9S	78 kg	Ø120	Ø139	Ø70	510	955	1465	Ø70	62.5	75	Ø70	62.5	75
	172 lb	Ø4.7	Ø5.5	Ø2.8	20.1	37.6	57.7	Ø2.8	2.5	3.0	Ø2.8	2.5	3.0
HL730XTD-9S	87 kg	Ø120	Ø139	Ø70	510	1240	1750	Ø70	62.5	75	Ø70	62.5	75
	192 lb	Ø4.7	Ø5.5	Ø2.8	20.1	48.8	68.9	Ø2.8	2.5	3.0	Ø2.8	2.5	3.0
HL740-9S	97 kg	Ø140	Ø158	Ø75	505	1010	1515	Ø75	70	85	Ø75	67.5	85
	214 lb	Ø5.5	Ø6.2	Ø3.0	19.9	39.8	59.6	Ø3.0	2.8	3.3	Ø3.0	2.7	3.3
HL740XTD-9S	108 kg	Ø140	Ø158	Ø75	505	1315	1820	Ø75	70	85	Ø75	67.5	85
	238 lb	Ø5.5	Ø6.2	Ø3.0	19.9	51.8	71.7	Ø3.0	2.8	3.3	Ø3.0	2.7	3.3
HL757-9S	123 kg	Ø160	Ø180	Ø80	475	1005	1480	Ø90	80	90	Ø95	81	90
	271 lb	Ø6.3	Ø7.1	Ø3.1	18.7	39.6	58.3	Ø3.5	3.1	3.5	Ø3.7	3.2	3.5
HL757XTD-9S	137 kg	Ø160	Ø180	Ø80	475	1337	1812	Ø90	80	90	Ø95	81	90
	302 lb	Ø6.3	Ø7.1	Ø3.1	18.7	52.6	71.3	Ø3.5	3.1	3.5	Ø3.7	3.2	3.5
HL760-9S	175 kg	Ø180	Ø203	Ø90	530	1100	1630	Ø110	100	110	Ø110	100	110
	386 lb	Ø7.1	Ø8.0	Ø3.5	20.9	43.3	64.2	Ø4.3	3.9	4.3	Ø4.3	3.9	4.3
HL760XTD-9S	194 kg	Ø180	Ø203	Ø90	515	1475	1990	Ø110	100	110	Ø110	100	110
	428 lb	Ø7.1	Ø8.0	Ø3.5	20.3	58.1	78.3	Ø4.3	3.9	4.3	Ø4.3	3.9	4.3
HL770-9S	215 kg	Ø200	Ø225	Ø100	570	1135	1705	Ø120	112.5	115	Ø120	112.5	125
	474 lb	Ø7.9	Ø8.9	Ø3.9	22.4	44.7	67.1	Ø4.7	4.4	4.5	Ø4.7	4.4	4.9
HL770XTD-9S	237 kg	Ø200	Ø225	Ø100	570	1480	2050	Ø120	112.5	115	Ø120	112.5	125
	522 lb	Ø7.9	Ø8.9	Ø3.9	22.4	58.3	80.7	Ø4.7	4.4	4.5	Ø4.7	4.4	4.9
HL780-9S	132 kg	Ø160	Ø180	Ø80	580	1140	1720	Ø90	80	90	Ø95	81	90
	291 lb	Ø6.3	Ø7.1	Ø3.1	22.8	44.9	67.7	Ø3.5	3.1	3.5	Ø3.7	3.2	3.5
HL780XTD-9S	146 kg	Ø160	Ø180	Ø80	570	1495	2065	Ø90	80	90	Ø95	81	90
	322 lb	Ø6.3	Ø7.1	Ø3.1	22.4	58.9	81.3	Ø3.5	3.1	3.5	Ø3.7	3.2	3.5

ATTACHMENT SPECIFICATION

2. Hydraulic Cylinder

2.2 Bucket Cylinder (3/3)



CYLINDER ST

Unit : mm

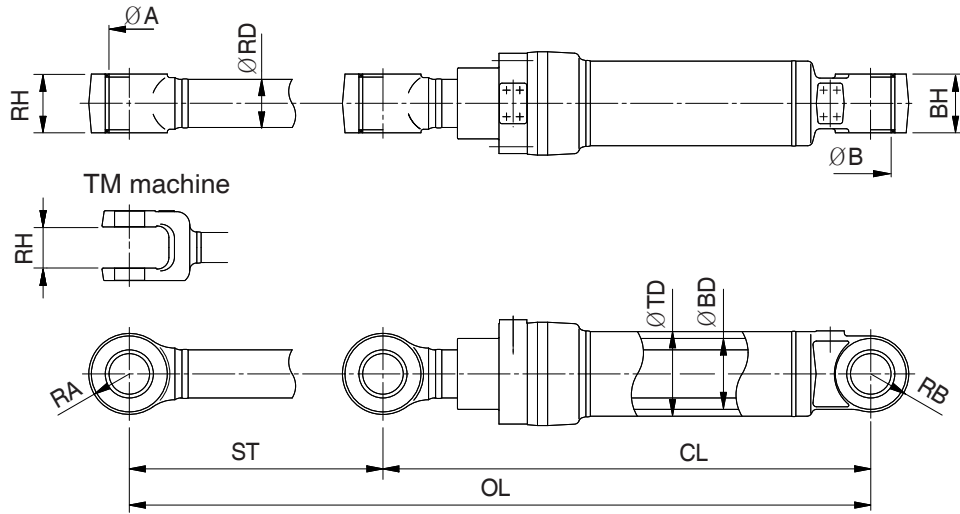
inch

Model	Weight	$\varnothing BD$	$\varnothing TD$	$\varnothing RD$	ST	CL	OL	$\varnothing A$	RA	RH	$\varnothing B$	RB	BH
HL930A	69 kg	$\varnothing 110$	$\varnothing 128$	$\varnothing 65$	510	960	1470	$\varnothing 70$	62.5	75	$\varnothing 70$	62.5	75
	152 lb	$\varnothing 4.3$	$\varnothing 5.0$	$\varnothing 2.6$	20.1	37.8	57.9	$\varnothing 2.8$	2.5	3.0	$\varnothing 2.8$	2.5	3.0
HL930AXT	75 kg	$\varnothing 110$	$\varnothing 128$	$\varnothing 65$	515	1215	1730	$\varnothing 70$	62.5	75	$\varnothing 70$	62.5	75
	165 lb	$\varnothing 4.3$	$\varnothing 5.0$	$\varnothing 2.6$	20.3	47.8	68.1	$\varnothing 2.8$	2.5	3.0	$\varnothing 2.8$	2.5	3.0
HL930A TM	57 kg	$\varnothing 90$	$\varnothing 106$	$\varnothing 50$	775	1260	2035	$\varnothing 50$	50	81	$\varnothing 50$	50	72
	126 lb	$\varnothing 3.5$	$\varnothing 4.2$	$\varnothing 2.0$	30.5	49.6	80.1	$\varnothing 2.0$	2.0	3.2	$\varnothing 2.0$	2.0	2.8
HL940	90 kg	$\varnothing 125$	$\varnothing 146$	$\varnothing 70$	505	1010	1515	$\varnothing 75$	70	85	$\varnothing 75$	67.5	85
	198 lb	$\varnothing 4.9$	$\varnothing 5.7$	$\varnothing 2.8$	19.9	39.8	59.6	$\varnothing 3.0$	2.8	3.3	$\varnothing 3.0$	2.7	3.3
HL940A	97 kg	$\varnothing 125$	$\varnothing 149$	$\varnothing 70$	560	1215	1775	$\varnothing 75$	70	85	$\varnothing 75$	67.5	85
	214 lb	$\varnothing 4.9$	$\varnothing 5.9$	$\varnothing 2.8$	22.0	47.8	69.9	$\varnothing 3.0$	2.8	3.3	$\varnothing 3.0$	2.7	3.3
HL940XT	100 kg	$\varnothing 125$	$\varnothing 146$	$\varnothing 70$	505	1315	1820	$\varnothing 75$	70	85	$\varnothing 75$	67.5	85
	220 lb	$\varnothing 4.9$	$\varnothing 5.7$	$\varnothing 2.8$	19.9	51.8	71.7	$\varnothing 3.0$	2.8	3.3	$\varnothing 3.0$	2.7	3.3
HL940AXT	121 kg	$\varnothing 125$	$\varnothing 149$	$\varnothing 75$	580	1775	2355	$\varnothing 75$	70	85	$\varnothing 75$	67.5	85
	267 lb	$\varnothing 4.9$	$\varnothing 5.9$	$\varnothing 3.0$	22.8	69.9	92.7	$\varnothing 3.0$	2.8	3.3	$\varnothing 3.0$	2.7	3.3
HL940TM HL940A TM	58 kg	$\varnothing 95$	$\varnothing 112$	$\varnothing 50$	745	1235	1980	$\varnothing 50$	50	70	$\varnothing 50$	50	60
	128 lb	$\varnothing 3.7$	$\varnothing 4.4$	$\varnothing 2.0$	29.3	48.6	78.0	$\varnothing 2.0$	2.0	2.8	$\varnothing 2.0$	2.0	2.4
HL955	111 kg	$\varnothing 140$	$\varnothing 165$	$\varnothing 75$	485	975	1460	$\varnothing 90$	80	90	$\varnothing 95$	81	90
	245 lb	$\varnothing 5.5$	$\varnothing 6.5$	$\varnothing 3.0$	19.1	38.4	57.5	$\varnothing 3.5$	3.1	3.5	$\varnothing 3.7$	3.2	3.5
HL955A HL955 T3	121 kg	$\varnothing 140$	$\varnothing 165$	$\varnothing 75$	560	1275	1835	$\varnothing 90$	80	90	$\varnothing 95$	81	90
	267 lb	$\varnothing 5.5$	$\varnothing 6.5$	$\varnothing 3.0$	22.0	50.2	72.2	$\varnothing 3.5$	3.1	3.5	$\varnothing 3.7$	3.2	3.5
HL955XT	129 kg	$\varnothing 140$	$\varnothing 165$	$\varnothing 75$	490	1485	1975	$\varnothing 90$	80	90	$\varnothing 95$	81	90
	284 lb	$\varnothing 5.5$	$\varnothing 6.5$	$\varnothing 3.0$	19.3	58.5	77.8	$\varnothing 3.5$	3.1	3.5	$\varnothing 3.7$	3.2	3.5
HL955AXT HL955XT T3	149 kg	$\varnothing 140$	$\varnothing 165$	$\varnothing 80$	585	1850	2435	$\varnothing 90$	80	90	$\varnothing 95$	81	90
	328 lb	$\varnothing 5.5$	$\varnothing 6.5$	$\varnothing 3.1$	23.0	72.8	95.9	$\varnothing 3.5$	3.1	3.5	$\varnothing 3.7$	3.2	3.5
HL955TM HL955A TM	95 kg	$\varnothing 110$	$\varnothing 130$	$\varnothing 65$	755	1248	2003	$\varnothing 65$	60	85	$\varnothing 70$	62.5	75
	209 lb	$\varnothing 4.3$	$\varnothing 5.1$	$\varnothing 2.6$	29.7	49.1	78.9	$\varnothing 2.6$	2.4	3.3	$\varnothing 2.8$	2.5	3.0

ATTACHMENT SPECIFICATION

2. Hydraulic Cylinder

2.2 Bucket Cylinder (3/3)



CYLINDER ST
Unit : mm
inch

Model	Weight	$\varnothing BD$	$\varnothing TD$	$\varnothing RD$	ST	CL	OL	$\varnothing A$	RA	RH	$\varnothing B$	RB	BH
HL960 HL960A HL960 T3	171 kg 377 lb	$\varnothing 160$ $\varnothing 6.3$	$\varnothing 192$ $\varnothing 7.6$	$\varnothing 85$ $\varnothing 3.3$	530 20.9	1110 43.7	1640 64.6	$\varnothing 110$ $\varnothing 4.3$	97 3.8	110 4.3	$\varnothing 110$ $\varnothing 4.3$	95 3.7	110 4.3
HL960XT HL960AXT HL960XT T3	188 kg 414 lb	$\varnothing 160$ $\varnothing 6.3$	$\varnothing 192$ $\varnothing 7.6$	$\varnothing 85$ $\varnothing 3.3$	530 20.9	1500 59.1	2030 79.9	$\varnothing 110$ $\varnothing 4.3$	97 3.8	110 4.3	$\varnothing 110$ $\varnothing 4.3$	95 3.7	110 4.3
HL965	170 kg 375 lb	$\varnothing 160$ $\varnothing 6.3$	$\varnothing 192$ $\varnothing 7.6$	$\varnothing 85$ $\varnothing 3.3$	560 22.0	1085 42.7	1645 64.8	$\varnothing 110$ $\varnothing 4.3$	97 3.8	110 4.3	$\varnothing 110$ $\varnothing 4.3$	95 3.7	110 4.3
HL965XT	189 kg 417 lb	$\varnothing 160$ $\varnothing 6.3$	$\varnothing 192$ $\varnothing 7.6$	$\varnothing 85$ $\varnothing 3.3$	560 22.0	1510 59.4	2070 81.5	$\varnothing 110$ $\varnothing 4.3$	97 3.8	110 4.3	$\varnothing 110$ $\varnothing 4.3$	95 3.7	110 4.3
HL970 HL970A HL970 T3	209 kg 461 lb	$\varnothing 180$ $\varnothing 7.1$	$\varnothing 213$ $\varnothing 8.4$	$\varnothing 95$ $\varnothing 3.7$	565 22.2	1190 46.9	1755 69.1	$\varnothing 120$ $\varnothing 4.7$	100 3.9	115 4.5	$\varnothing 120$ $\varnothing 4.7$	100 3.9	125 4.9
HL970XT HL970AXT HL970XT T3	233 kg 514 lb	$\varnothing 180$ $\varnothing 7.1$	$\varnothing 213$ $\varnothing 8.4$	$\varnothing 95$ $\varnothing 3.7$	570 22.4	1615 63.6	2185 86.0	$\varnothing 120$ $\varnothing 4.7$	100 3.9	115 4.5	$\varnothing 120$ $\varnothing 4.7$	100 3.9	125 4.9
HL975 HL975A	289 kg 637 lb	$\varnothing 190$ $\varnothing 7.5$	$\varnothing 223$ $\varnothing 8.8$	$\varnothing 100$ $\varnothing 3.9$	595 23.4	1220 48.0	1815 71.5	$\varnothing 120$ $\varnothing 4.7$	110 4.3	115 4.5	$\varnothing 120$ $\varnothing 4.7$	110 4.3	125 4.9
HL975XT HL975AXT	310 kg 683 lb	$\varnothing 190$ $\varnothing 7.5$	$\varnothing 223$ $\varnothing 8.8$	$\varnothing 100$ $\varnothing 3.9$	595 23.4	1550 61.0	2145 84.4	$\varnothing 120$ $\varnothing 4.7$	110 4.3	115 4.5	$\varnothing 120$ $\varnothing 4.7$	110 4.3	125 4.9
HL980 HL980A HL980 T3	305 kg 672 lb	$\varnothing 200$ $\varnothing 7.9$	$\varnothing 232$ $\varnothing 9.1$	$\varnothing 110$ $\varnothing 4.3$	550 21.7	1240 48.8	1790 70.5	$\varnothing 130$ $\varnothing 5.1$	120 4.7	130 5.1	$\varnothing 130$ $\varnothing 5.1$	120 4.7	140 5.5
HL980XT HL980AXT HL980XT T3	323 kg 712 lb	$\varnothing 200$ $\varnothing 7.9$	$\varnothing 232$ $\varnothing 9.1$	$\varnothing 110$ $\varnothing 4.3$	545 21.5	1520 59.8	2065 81.3	$\varnothing 130$ $\varnothing 5.1$	120 4.7	130 5.1	$\varnothing 130$ $\varnothing 5.1$	120 4.7	140 5.5
HL985A	328 kg 723 lb	$\varnothing 210$ $\varnothing 8.3$	$\varnothing 245$ $\varnothing 9.6$	$\varnothing 115$ $\varnothing 4.5$	550 21.7	1250 49.2	1800 70.9	$\varnothing 130$ $\varnothing 5.1$	120 4.7	130 5.1	$\varnothing 130$ $\varnothing 5.1$	120 4.7	140 5.5