

Technical data and specifications

- Specifications

SPEC MODEL	Order NO.	Max. Permissible speed r.p.m	weight(With standard soft jaws)
YAHL-08	2AHL08	6200	17.5
YAHL-10	2AHL10	5000	26.0
YAHL-12	2AHL12	3800	34.0
YAHL-15	2AHL15	2800	55.0

Spec Model	Gd moment of inertia	Cylinder dia	Piston stroke
YAHL-08	1.96(0.20)	160	34
YAHL-10	3.43(0.35)	185	40
YAHL-12	5.88(0.60)	205	50
YAHL-15	14.7(1.5)	255	50

Spec Model	Through hole diameter	Piston surface area extended	Piston surface area retracted
YAHL-08	52	172.8	162.6
YAHL-10	77	213.3	197.9
YAHL-12	91	251.5	235.0
YAHL-15	117.5	367.5	356.7

Spec Model	Max draw bar pull extended	Max draw bar pull retracted	Max operation pressure
YAHL-08	65.0(6627)	61.2(6236)	40.8
YAHL-10	80.2(8180)	74.5(7590)	40.8
YAHL-12	94.6(9646)	88.4(9013)	40.8
YAHL-15	129.6(13230)	125.8(12841)	40.8

Spec Model	Total leakage	Matching chuck
YAHL-08	6.5	CAH-08
YAHL-10	4.2	CAH-10
YAHL-12	4.5	CAH-12
YAHL-15	7.0	CAH-15,18,21,24

• Dimension

Item Model	C	D	E	F	G
YAHL-08	195	170	130	90	70
YAHL-10	218	190	160	120	95
YAHL-12	247	215	180	135	110
YAHL-15	307	275	230	170	140

Item Model	H	J	K	L1	L2
YAHL-08	55	120	91.2	148	12
YAHL-10	80	145	116.2	161	12
YAHL-12	95	167	131.2	182.5	14
YAHL-15	123	212	167	192	20

Item Model	L3	L4	L5	L6	L7
YAHL-08	103.5	5.5	15	35	6
YAHL-10	110.5	5.5	15	35	6
YAHL-12	128.5	5.5	15	35	6
YAHL-15	126	6	20	45	9.5

Item Model	L8	L9	L10 Max	L10 Min	L11 Max
YAHL-08	5	137.5	53	19	25
YAHL-10	5	144.5	59	19	35
YAHL-12	5	161.5	69	19	45
YAHL-15	6	200.75	60.5	17.5	46

Item Model	L11 Min	L12	L13	L14	L15
YAHL-08	-5	204	81	36	130
YAHL-10	-5	223	95	36	150
YAHL-12	-5	250	107	36	166
YAHL-15	-4	279.5	134	20	215

Item Model	L16	M	N	O	P
YAHL-08	40	82	56	52	60
YAHL-10	40	107	81	77	85
YAHL-12	40	122	96	91	100
YAHL-15	40	160	134.6	117.5	135

Item Model	T1	T2	T3	T4	T5
YAHL-08	6-	M10	M60XP2.0	M58XP1.5	PT-1/2 M5X10

6-
YAHL-08 M10 M60XP2.0 M58XP1.5 PT-1/2 M5X10
X 18

YAHL-10	12- M10 X 18	M85XP2.0	M84XP2.0	PT-1/2	M5X10
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12-
YAHL-12 M12 M100XP2.0 M99XP2.0 PT-1/2 M5X10
X 22

YAHL-15	12- M16 X 32	M130XP2.0	-	PT-1/2	6- M6X10
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