

HYDRAULIC BREAKER

ADVANCED MODEL

Key new features for performance and durability

- . Blank Firing Protection
- . Large capacity of accumulator
- . Two level speed control
- . Large diameter of through bolts
(40 % increase cross section area)
- . Internally Installed control valve
- . Large Diameter Piston Bottom
- . Improved power cell holding system
- . Longer Tool Pin
- . Stronger bottom bushing

Upgraded features for reliability

- . Stronger level of impact power
- . Low noise by well designed breaker housing
- . Low vibration during operation
- . Minimized welding work during fabrication

Increased maintainability

- . Auto Lube system
- . Easy accessibility of control valve
- . No oil loss when changing control valve
- . Easy maintenance at a site without moving them to a repair shop
- . Simple disassembling and reassembling of whole body by the operator friendly design
- . Long lifetime of part and subassembly



AYA series

Description	Unit	AYA2	AYA4	AYA6	AYA12	AYA15	AYA20	AYA22	AYA24
Operating weight	Kg	190	280	350	920	1170	1600	1820	2050
Operating pressure	Kg/cm ²	90~120	110~165	120~165	140~180	160~190	160~190	160~190	160~190
Oil flow rate	Lpm	20~70	30~65	38~80	70~125	90~130	120~155	120~165	130~180
Blow rate	Bpm Long/s	600~1490	550~1300	380~1100	350~600	320~550	320~480	340~450	270~400
	Bpm Shor/s				600~900	400~700	400~600	420~550	330~500
Tool diameter	mm	57	70	75	105	115	135	135	145
2 nd relief setting pressure	Kg/cm ²	175	175	175	210	210	210	210	210
Accumulator gas pressure	Kg/cm ²		40~50	40~50	55~60	55~60	55~60	55~60	55~60
Impact Energy class *	ft lbs	450	750	850	2500	3000	4000	5000	6000
Suitable carrier	ton	1.5~4.0	3.0~6.0	4.5~8.0	10~15	12~18	18~24	20~26	23~30

Description	Unit	AYA30	AYA36	AYA3	AYA55	AYA70
Operating weight	Kg	2500	2800	3400	3900	7100
Operating pressure	Kg/cm ²	160~190	160~190	150~190	160~190	170~210
Oil flow rate	Lpm	160~210	175~245	190~250	200~272	350~420
Blow rate	Bpm Long/s	250~380	230~400	230~345	230~330	280~350
	Bpm Shor/s	300~450	270~470	270~410	270~500	320~500
Tool diameter	mm	150	155	165	175	205
2 nd relief setting pressure	Kg/cm ²	210	230	230	230	210
Accumulator gas pressure	Kg/cm ²	55~60	55~60	55~60	55~60	55~60
Impact Energy class *	ft lbs	7000	8000	12000	13500	17000
Suitable carrier	ton	25~36	28~42	34~50	40~60	60~100

* Impact Energy is a marketing rating and dose not relate to measured impact energy

Skid Steer /Track loader : A2, A4, A6
 Backhoe Loader : A6, A7, A8, A10
 (Contact us for more detail)

