



## Belt compressors - RK Series

HP Range : 1.0 - 10 hp  
 Discharge : 40000 - 600 lph  
 Head Range : 31 - 185 Mts (100 - 600 feet)  
 Insulation : Class 'A'  
 Type : Single & Double Cylinder

## Mono compressors - RS Series

HP Range : 1.0 - 2.0 hp  
 Discharge : 4200 - 900 lph  
 Head Range : 31 - 123 Mts (100 - 400 feet)  
 Insulation : Class 'A'  
 Type : Single Cylinder



PERFORMANCE OF "MAHENDRA" BELT COMPRESSOR AT 1440 RPM, SINGLE PHASE, 220 VOLTS (UPTO 2 HP ONLY) or, THREE PHASE, 415 VOLTS, 50 HZ, AC SUPPLY

S.No.	MODEL	HP/kW	AIR PIPE DELIVERY PIPE SIZE	BEARING		OIL SEAL	"V" BELT	PULLEY DIA	COMPRESSOR SPEED	PISTON SIZE	STROKE LENGTH	No. OF CYLINDERS	WORKING PRESSURE Kg/Sq.cm	TOTAL HEAD IN FEET	LIFTING HEIGHT	DISCHARGE IN LPH						
				FRONT	BACK											100	150	200	300	400	600	
1	RK 10	1.0 / 0.75	12 / 40	6305	6305	35x45x7	A 39	145	1200	60	35	1	7			75%	1500	1300	1150	1050	900	
																50%	1900	1500	1300	1200	1000	
																25%	3900	3000	2800	2400	2400	
2	RK 15	1.5 / 1.1	12 / 40	6305	6305	35x45x7	A 39	145	930	60	60	1	10			75%	1700	1500	1350	1250	1100	
																50%	2100	1700	1500	1400	1200	
																25%	4100	3200	3000	2600	2600	
3	RK 20	2.0 / 1.5	12 / 40	6305	6305	35x45x7	A 52	210	960	60	58	2	9			75%	3000	2800	2500	2000	1800	600
																50%	3600	3000	2800	2400	2000	800
																25%	8000	6200	5800	5400	4200	1800
4	RK 30	3.0 / 2.2	20 / 50	6305	6305	35x45x7	A 64	306	760	70	85	2	9			75%	4500	4100	4000	3000	2800	1100
																50%	5500	5000	4500	3400	3200	1300
																25%	12000	9000	8500	8100	7500	2500
5	RK 50	5.0 / 3.7	20 / 50	6305	6305	35x45x7	A 66	306	925	70	85	2	9			75%	7500	7000	6000	5000	4500	3000
																50%	9000	8500	8000	6000	5000	4500
																25%	20000	18000	15000	14000	13000	11000
6	RK 75	7.5 / 5.5	20 / 50	6307	6307	40x60x12	B 76	300	760	100	85	2	7			75%	11000	10500	9000	8000	7000	5000
																50%	14000	12000	10000	8500	7500	6000
																25%	30000	24000	22000	20000	20000	18000
7	RK 100	10 / 7.5	20 / 65	6307	6307	40x60x12	B 76	300	910	100	85	2	7			75%	15000	14000	12500	10000	9500	8000
																50%	18000	15000	13000	11000	10000	9000
																25%	40000	31000	29000	27000	27000	21000

PERFORMANCE OF "MAHENDRA" MONO COMPRESSOR AT 1440 RPM, SINGLE PHASE, 220 VOLTS, 50 HZ, AC SUPPLY

S.No.	MODEL	HP/kW	AIR PIPE DELIVERY PIPE SIZE	BEARING		OIL SEAL	CAPACITOR (MFD)		CURRENT IN Amps	PISTON SIZE	STROKE LENGTH	No. OF CYLINDERS	WORKING PRESSURE Kg/Sq.cm	TOTAL HEAD IN FEET	LIFTING HEIGHT	DISCHARGE IN LPH					
				FRONT	BACK		START	RUN								100	150	200	300	400	
1	RS 10	1.0 / 0.75	12 / 25	6305	6203	28x47x7	100 / 120	20	8	57 (2+2)	35	1	9			75%	1500	1300	1150	1050	900
																50%	1900	1500	1300	1200	1000
																25%	3900	3000	2800	2400	2400
2	RS 15	1.5 / 1.1	12 / 25	6305	6203	28x47x7	120 / 150	25	10	60 (2+2)	35	1	9			75%	1700	1500	1350	1250	1100
																50%	2100	1700	1500	1400	1200
																25%	4100	3200	3000	2600	2600
3	RS 20	2.0 / 1.5	12 / 25	6208	6203	32x47x7	200 / 250	38	10	70 (2+2)	35	1	9			75%	1800	1600	1450	1350	1200
																50%	2200	1800	1600	1500	1300
																25%	4200	3300	3100	2900	2700