

DATE

20140909



YNE SERIES

Model YNE143RB

Inlet air temp 30℃

Atmos humidity 80%R.H.

Discharge air temp 85℃

Inlet air pressure 1atm

Inlet oil temp 60℃

Belt driven

Discharge MPa		0.7	0.8	1	1.25	1.5	Oil consumption kW
Shaft power kW							
50	rpm	3350	3050	2700	2250	1900	40.0
	m³/min	8.2	7.4	6.3	5.2	4.1	
	3	65.9	67.2	69.1	70.9	72.8	
61	rpm	4100	3700	3300	2850	2350	48.8
	m³/min	9.9	9	7.6	6.4	5.1	
	Oil injection L/min	80.5	82.0	84.4	86.4	88.6	
82.5	rpm	5400	4950	4400	3800	3150	66.0
	m³/min	13.2	12	10.2	8.5	7	
	Oil injection L/min	109.2	111.3	114.3	117.2	119.7	

Direct driven

Discharge MPa		0.7	0.8	1.0	1.25	1.5
rpm						
2200	Shaft power kW	32.0	35.0	39.5	46.0	54.5
	m³/min	5.30	5.20	5.10	4.90	4.70
	Oil consumption kW	25.6	28.0	31.6	36.8	43.6
	Oil injection L/min	42.1	47.0	54.4	65.1	78.9
2975	Shaft power kW	43.0	47.0	53.0	61.6	74.0
	m³/min	7.20	7.10	7.00	6.70	6.40
	Oil consumption kW	34.4	37.6	42.4	49.3	59.2
	Oil injection L/min	56.4	62.9	72.7	86.9	107.2
3570	Shaft power kW	52.5	57.4	65.0	75.0	89.0
	m³/min	8.80	8.70	8.50	8.10	7.80
	Oil consumption kW	42.0	45.9	52.0	60.0	71.2
	Oil injection L/min	68.8	76.8	89.3	105.9	128.7

According to International organization for standardization (ISO) ISO 1217-2009 positive displacement compressor acceptance tests.