

Efficiencies for F11-5 Motor

Mechanical efficiency

		N [rpm]								
Δp [MPa]		100	200	300	400	500	600	700	800	900 1 000
	1	60	61	62	63	64	65	65	66	66
	5	92	93	93	93	93	93	93	93	93
	10	96	96	97	97	97	97	97	97	97
	15	98	98	98	98	98	98	98	98	98
	20	98	98	98	98	98	98	98	98	98
	25	99	99	99	99	99	99	99	99	99
	30	99	99	99	99	99	99	99	99	99
	35	99	99	99	99	99	99	99	99	99
	40	99	99	99	99	99	99	99	99	99
	45	99	99	99	99	99	99	99	99	99

Volymetric efficiency

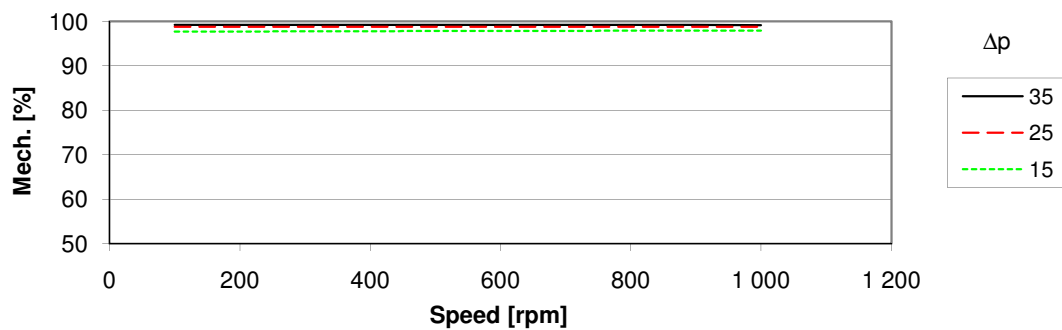
		N [rpm]								
Δp [MPa]	$\Delta p/N$	100	200	300	400	500	600	700	800	900 1 000
	1	96	98	98	98	98	98	98	98	98
	5	88	93	95	96	96	97	97	97	98
	10	80	88	92	93	94	95	95	96	96
	15	73	84	88	91	92	93	94	95	95
	20	67	80	85	88	90	91	92	93	94
	25	62	76	82	86	88	90	91	92	93
	30	58	73	80	84	86	88	90	91	92
	35	54	70	77	82	85	87	88	89	91
	40	50	67	75	80	83	85	87	88	90
	45	47	64	73	78	81	84	86	87	89

Total efficiency

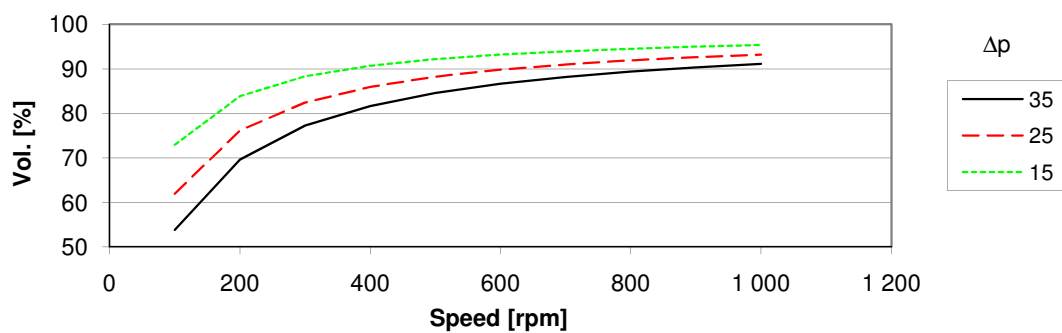
		N [rpm]								
Δp [MPa]	$\Delta p/N$	100	200	300	400	500	600	700	800	900 1 000
	1	58	60	61	62	63	64	64	65	66
	5	82	86	88	89	90	90	91	91	91
	10	77	85	88	90	91	92	92	93	93
	15	71	82	86	89	90	91	92	93	93
	20	66	79	84	87	89	90	91	92	93
	25	61	75	81	85	87	89	90	91	92
	30	57	72	79	83	86	87	89	90	91
	35	53	69	77	81	84	86	87	89	90
	40	50	66	74	79	82	85	86	88	89
	45	47	64	72	77	81	83	85	86	89

Inaccuracy appr. $\pm 2\%$

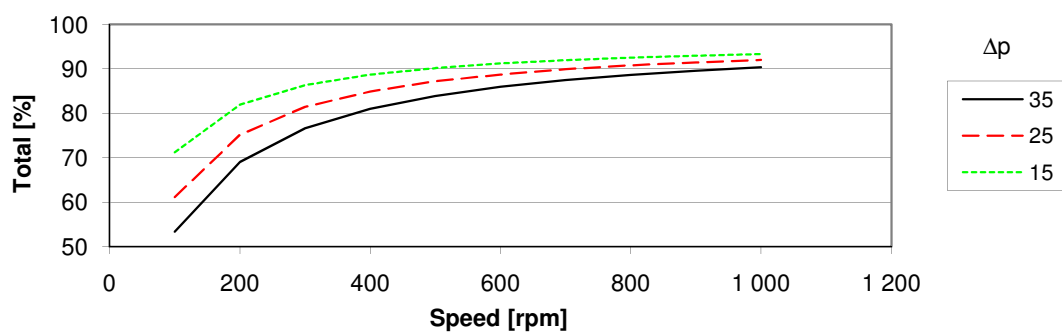
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Inaccuracy appr. $\pm 2\%$