

Efficiencies for F11-12 Motor

Mechanical efficiency

		N [rpm]									
Δp [MPa]		100	200	300	400	500	600	700	800	900	1 000
	1	61	62	63	64	65	66	67	67	68	68
	5	92	93	93	93	93	93	93	94	94	94
	10	96	96	97	97	97	97	97	97	97	97
	15	98	98	98	98	98	98	98	98	98	98
	20	98	98	98	98	98	98	98	98	98	98
	25	99	99	99	99	99	99	99	99	99	99
	30	99	99	99	99	99	99	99	99	99	99
	35	99	99	99	99	99	99	99	99	99	99
	40	99	99	99	99	99	99	99	99	99	99
	45	99	99	99	99	99	99	99	99	99	99

Volymetric efficiency

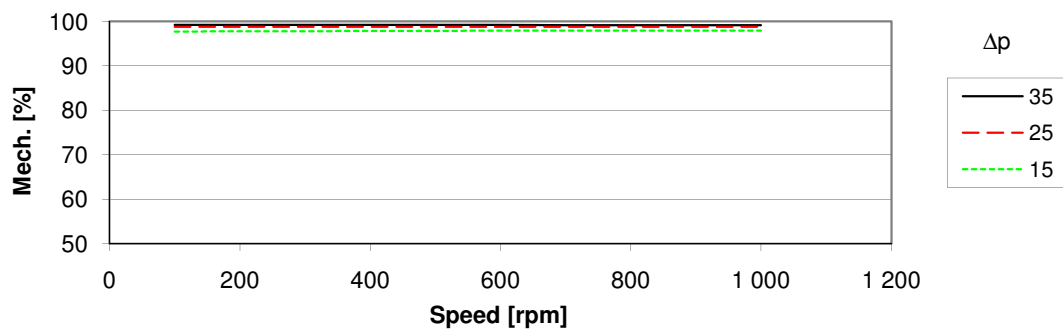
		N [rpm]									
Δp [MPa]	$\Delta p/N$	100	200	300	400	500	600	700	800	900	1 000
	1	97	98	98	98	98	98	98	98	99	99
	5	91	95	96	97	97	97	98	98	98	98
	10	84	91	93	95	95	96	96	97	97	97
	15	78	87	91	93	94	95	95	96	96	96
	20	73	84	88	91	92	93	94	95	95	95
	25	69	81	86	89	91	92	93	94	94	95
	30	65	78	84	87	89	91	92	93	93	94
	35	61	76	82	86	88	90	91	92	92	93
	40	58	73	80	84	87	88	90	91	92	92
	45	55	71	78	82	85	87	89	90	91	91

Total efficiency

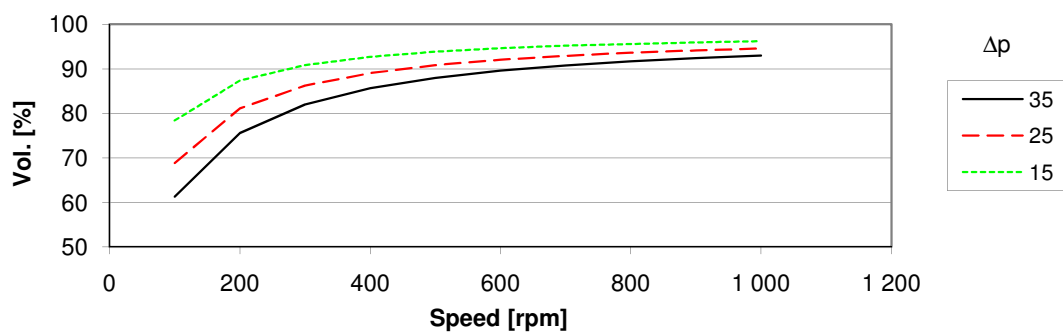
		N [rpm]									
Δp [MPa]	$\Delta p/N$	100	200	300	400	500	600	700	800	900	1 000
	1	59	61	62	63	64	65	66	66	67	67
	5	84	88	89	90	90	91	91	91	92	92
	10	81	88	90	91	92	93	93	94	94	94
	15	77	85	89	91	92	93	93	94	94	94
	20	72	83	87	89	91	92	93	93	94	94
	25	68	80	85	88	90	91	92	92	93	93
	30	64	78	83	86	89	90	91	92	92	93
	35	61	75	81	85	87	89	90	91	92	92
	40	58	73	80	83	86	88	89	90	91	92
	45	55	70	78	82	85	87	88	89	90	91

Inaccuracy appr. $\pm 2\%$

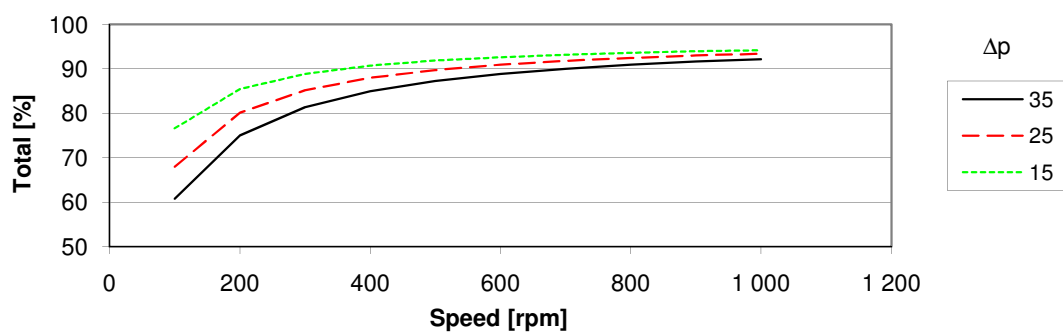
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Inaccuracy appr. $\pm 2\%$