P130 VAR 00 / VAR 02

Pneumatic Multi Disc Clutch

Characteristics
- Pneumatically operated
- Multi disc
- Function under pressure

Utilisation
- Coupling of a pulley or a hub
- Device destined for industrial applications
- VAR 02 designed for use on diesel engines. Friction discs are of solid construction

Particularities
- For dry use
- Low residual torque
- Shaft driven
- Good graduality

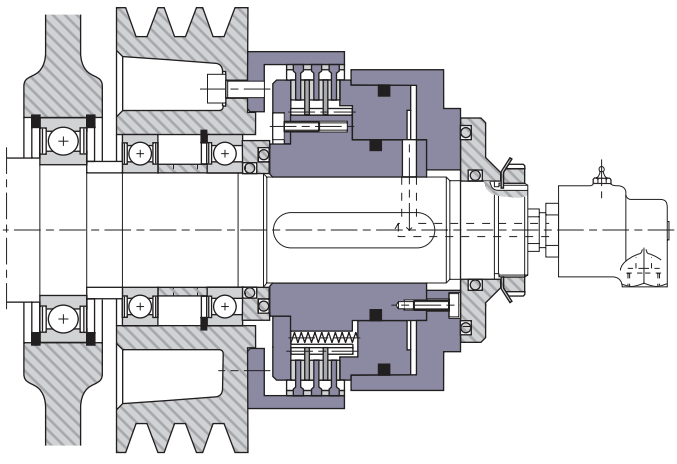
Adjustments
- None required, automatic wear compensation by piston movement

Maintenance Manual
- SM 302

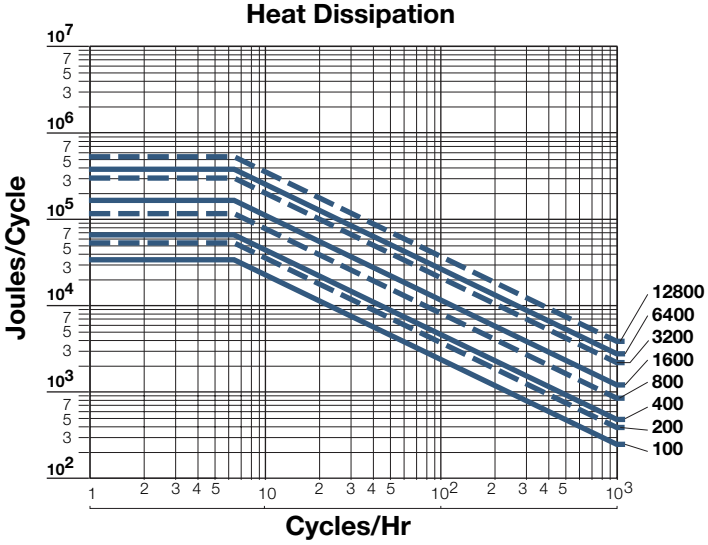
Mounting Precautions
- Provide shaft seals in order to avoid loss of pressure (see ST 0119–01)
- Device intended for horizontal use, for vertical use please consult the factory

Power Supply
- Oiled compressed air. For dry air please consult factory
- Can be operated with hydraulic oil, in that case please consult the factory

Mounting Example



Heat Dissipation



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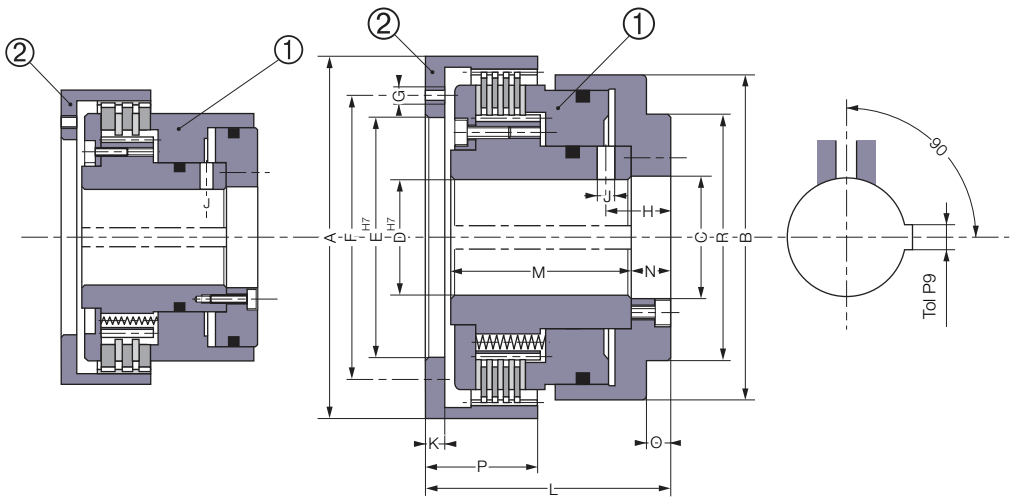

Size 100 - 1600

Size 3200 - 12800

VAR 00 = STANDARD
VAR 02 for Diesel Engines
VAR 02

Indirect Drive

Sizes			100	200	400	800	1600	3200	6400	12800
Nom. Torque		[Nm]	100	200	400	800	1600	3200	6400	12800
Max. Speed		[min-1]	4800	3900	3500	2700	2400	2000	1500	1,200
Operating Pressure		[bar]	5	5	5	5	5	5	5	5
	A		132	162	180	222	255	290	335	390
	B		110	135	150	189	220	262	315	380
	C		41	51	59	86	101	106	111	132
	D* min		24	34	34	39	39	50	60	70
	D* max		40	50	58	85	100	105	110	130
	E min		50	64	69	85	101	120	130	180
	E max		85	105	115	150	175	220	260	280
	F*		100	122	135	170	200	250	290	320
	G*		6xM6	6xM8	6xM8	6xM10	6xM12	6xM16	8xM16	12xM16
	H		19	23	23	26	30,5	60	31	39
	J		5	6	6	6	8	8	10	12
	K		6	9	8	11	10	14	16	18
	L		81	89	96	118	135	155	170	190
	M		63,5	68	75	92	105	120	130	145
	N		9,5	11	11	13	16	18	21	23
	O		-	-	-	-	-	8	8	-
	P		39	41	46	58	70	82	95	108
	R		-	-	-	-	-	200	220	-
Stroke Volume	new	[cm³]	5,2	12	20	22	32	80	207	958
Stroke Volume	max	[cm³]	22	43,8	59	81	150	320	650	1760
Inertia ❶		[kgm²]	0,0061	0,0122	0,0253	0,0835	0,1818	0,3900	0,7700	1,47
Inertia ❷	VAR 00	[kgm²]	0,0046	0,0126	0,0219	0,0598	0,1090	0,1828	0,3557	0,93
	VAR 02	[kgm²]	0,0046	0,0133	0,0215	0,0598	0,1090	–	–	–
Weight		[kg]	6	9,5	13	25	39	55	87	125
Connection			**Via Shaft**							

Keyways according to
ISO R773 / BS 4235 / DIN 6885-1 / NF E 22-175, tolerance P9
*Drive sup is supplied undrilled. Fixing holes are shown for information only