INCH

RoHS PP PA +176 °F +32 °F

MATERIAL
High-resilience polypropylene based (PP) technopolymer, black colour, matte finish.

BOSS-CAP
Anodised aluminium self-adhesive front plate.
VRTP.375: cover in polyester based technopolymer (PBT), RAL 7035 grey colour, glossy finish, press-fit assembly.

STANDARD EXECUTIONS
Black-oxide steel boss, standard reamed hole(on page -).
- **VRTP.**: without handle.
- **VRTP+I**: with revolving handle I.621+x (see page 500) in technopolymer.
- **VRTP+IR**: with fold-away handle IR.620 (see page 508) in technopolymer.

SPECIAL EXECUTIONS ON REQUEST
Bosses with hole and keyway in compliance with ANSI B17.1-1967 tolerance (see page A-16).
To order the handwheel with keyway complete code and description with the index -K (i.e. 978431-R-K VRTP.80+IR A-5/16-K).

OTHER EXECUTIONS ON REQUEST
Standard metric holes.

ACCESSORIES ON REQUEST
- GN 184: axial retaining washer in black-oxide steel (see page 897).
- ECB.T: glass-fibre reinforced polyamide based (PA) technopolymer boss cap, in Elecolors colours, matte finish, press-fit assembly, available for VRTP.125, VRTP.160 and VRTP.200 (see table).

ELESA Original design

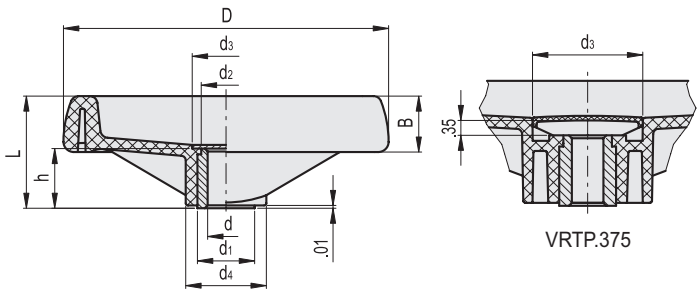
C1 RAL7021 C2 RAL2004 C3 RAL7035 C4 RAL1021 C5 RAL5024 C6 RAL3000 C17 RAL6017

ECB.T

Code	*Description*	*Boss cap for*
*29552-**	*ECB.T2-**	*VRTP.125*
*29553-**	*ECB.T3-**	*VRTP.160*
*29554-**	*ECB.T4-**	*VRTP.200*

** Complete with colour index (C1, ..., C6).*

VRTP.



VRTP.375

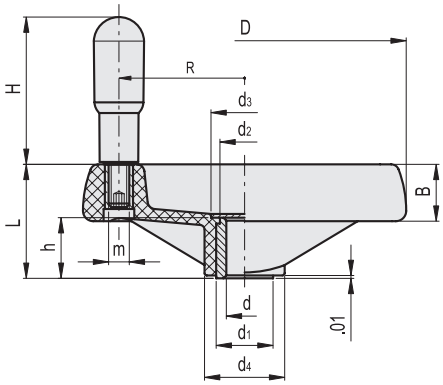
INCH

VRTP.

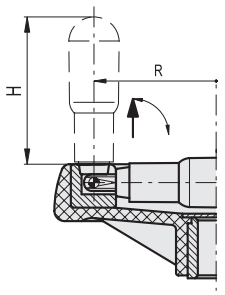
Code	Description	D	d	L	B	d1	d2	d3	d4	h	C# [ft lb] [Nm]	L# [ft lb] [J]	⚖
978411-R	VRTP.80 A-5/16	3.15	0.312	1.38	0.71	0.71	0.63	0.81	0.98	0.67	24	4	0.16
978511-R	VRTP.100 A-3/8	3.9	0.375	1.46	0.79	0.71	0.63	0.81	1	0.67	40	5	0.22
978611-R	VRTP.125 A-3/8	4.92	0.375	1.73	0.87	0.87	0.79	1.02	1.22	0.87	69	7	0.36
978711-R	VRTP.160 A-1/2	6.3	0.500	2.01	0.98	1.02	0.94	1.26	1.57	1.06	136	11	0.62
978811-R	VRTP.200 A-5/8	7.87	0.625	2.4	1.1	1.18	1.1	1.42	1.91	1.34	221	18	1.08
978911-R	VRTP.250 A-5/8	9.84	0.625	2.72	1.26	1.38	1.3	1.73	2.28	1.5	310	21	1.61
978951-R	VRTP.300 A-3/4	11.81	0.750	3.07	1.4	1.57	1.46	2.05	2.6	1.69	354	27	2.07
979011-R	VRTP.375 A-3/4	14.76	0.750	3.43	1.54	1.38	1.3	2.76	3.19	1.69	280	41	2.97

For maximum torque (C) and impact strength (L) see Technical Data on page -.

VRTP+I



VRTP+IR



VRTP+I

INCH

Code	Description	D	d	L	B	d1	d2	d3	d4	h	H	m	R	C# [ft lb] [Nm]	L# [ft lb] [J]	⚖
978421-R	VRTP.80+I A-5/16	3.15	0.312	1.38	0.71	0.71	0.63	0.81	0.98	0.67	1.77	M6	1.14	24	4	0.23
978521-R	VRTP.100+I A-3/8	3.9	0.375	1.46	0.79	0.71	0.63	0.81	1	0.67	2.36	M6	1.46	40	5	0.33
978621-R	VRTP.125+I A-3/8	4.92	0.375	1.73	0.87	0.87	0.79	1.02	1.22	0.87	2.56	M8	1.89	69	7	0.55
978721-R	VRTP.160+I A-1/2	6.3	0.500	2.01	0.98	1.02	0.94	1.26	1.57	1.06	2.87	M8	2.56	136	11	0.8
978821-R	VRTP.200+I A-5/8	7.87	0.625	2.4	1.1	1.18	1.1	1.42	1.91	1.34	3.15	M8	3.31	221	18	1.28
978921-R	VRTP.250+I A-5/8	9.84	0.625	2.72	1.26	1.38	1.3	1.73	2.28	1.5	3.54	M10	4.13	310	21	1.99
978961-R	VRTP.300+I A-3/4	11.81	0.750	3.07	1.4	1.57	1.46	2.05	2.6	1.69	3.54	M10	5	354	27	2.31
979021-R	VRTP.375+I A-3/4	14.76	0.750	3.43	1.54	1.38	1.3	2.76	3.19	1.69	3.54	M10	6.3	280	41	2.73

VRTP+IR

INCH

Code	Description	D	d	L	B	d1	d2	d3	d4	h	H	R	C# [ft lb] [Nm]	L# [ft lb] [J]	⚖
978431-R	VRTP.80+IR A-5/16	3.15	0.312	1.38	0.71	0.71	0.63	0.81	0.98	0.67	1.77	1.14	24	4	0.22
978531-R	VRTP.100+IR A-3/8	3.9	0.375	1.46	0.79	0.71	0.63	0.81	1	0.67	2.36	1.46	40	5	0.37
978631-R	VRTP.125+IR A-3/8	4.92	0.375	1.73	0.87	0.87	0.79	1.02	1.22	0.87	2.56	1.89	69	7	0.52
978731-R	VRTP.160+IR A-1/2	6.3	0.500	2.01	0.98	1.02	0.94	1.26	1.57	1.06	2.87	2.56	136	11	0.87
978831-R	VRTP.200+IR A-5/8	7.87	0.625	2.4	1.1	1.18	1.1	1.42	1.91	1.34	3.15	3.31	221	18	1.38
978931-R	VRTP.250+IR A-5/8	9.84	0.625	2.72	1.26	1.38	1.3	1.73	2.28	1.5	3.54	4.13	310	21	2.05
978971-R	VRTP.300+IR A-3/4	11.81	0.750	3.07	1.4	1.57	1.46	2.05	2.6	1.69	3.54	4.84	354	27	2.38
979031-R	VRTP.375+IR A-3/4	14.76	0.750	3.43	1.54	1.38	1.3	2.76	3.19	1.69	3.54	6.3	280	41	2.97

For maximum torque (C) and impact strength (L) see Technical Data on page -.