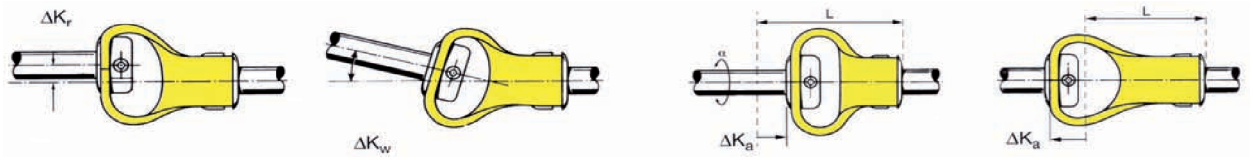
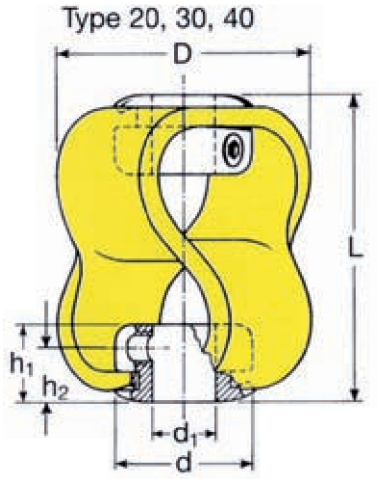
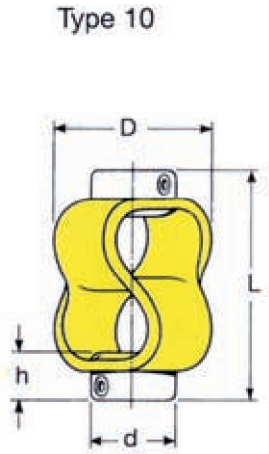
Parameters	Symbols	Unit	Coupling Model No.			
			10	20	30	40
Max. torque:						
for displacement $K_w \leq 1°$, $K_a \leq 2$ mm, $K_r \leq 0.5$ mm	$T_K max_1$	Nm	0,8	3,0	8,0	18
for max. angular & radial displacement	$T_K max_2$	Nm	0,5	1,8	5,0	10
Mobility:						
max. axial displacement	$2 \cdot \Delta K_a$	mm	9,0	15	17	22
max. radial displacement	ΔK_r	mm	2,6	3,2	3,2	3,2
max. angular displacement	ΔK_w	∢°	10	15	15	15
Torsion angle at 50 % $T_K max_1$	α	∢°	4,0	8,0	10	24
Torsion spring rigidity up to 50 % $T_K max_1$	C_t	Nm/rad	3,2	7,8	21	23
Axial spring rigidity up to 20 % ΔK_a	C_a	N/mm	31	13	33	72
Radial spring rigidity up to 20 % ΔK_r	C_r	N/mm	11	4,5	7,7	21
Angular spring rigidity up to 50 % ΔK_w	C_w	Nm/rad	5,2	9,5	13	17
Angular momentum of the coupling	J_K	$kg \cdot m^2$	$0.1 \cdot 10^{-5}$	$0.91 \cdot 10^{-5}$	$1.87 \cdot 10^{-5}$	$1.65 \cdot 10^{-5}$
Mass - standard design	M_K	kg	0,024	0,077	0,119	0,114

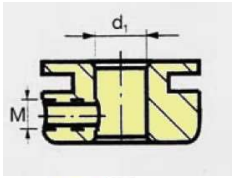


Fitting dimensions: (in mm)	Symbols					
			10	20	30	40
Rotation diameter	D		26,0	48,0	54,0	54,0
Length, slack	L		28,0	48,0	58,0	61,0
Boss diameter	d		18,0	25,0	28,0	28,0
Boss height	h_1		7,9	12,7	15,9	15,9
Height of mounting bolt	h_2		5,5	7,9	10,4	11,2
Standard bore diameter	d_1		6,0	10,0	12,0	14,0
Max. permissible bore diameter	d_1		8,0	12,0	16,0	16,0
Bolt with hexagon socket DIN 916			M3	M4	M5	M6

Boss Detail:







Plus points ...

... of the PAGUFLEX® PLUS couplings

- high torsional rigidity with optimal bending and traction or thrust flexibility
- ingeniously simple construction principle
- one-piece design - without play, friction, wear and structure vibrations
- simple fitting, no extra machining of the shaft
- minimum fitting volume, radially and axially
- extremely high, permissible displacement error values: angular approx. Ø ±15°, radial approx. Ø ±3 mm, and axial approx. 10 to 20 mm
- coupling can be used as an universal joint for large or intermittent bending angles of the shaft
- elastic element made of HYTREL® (Thermoplastic Ether Ester Elastomer, TEEE) enabling:

- high operational reliability in the temperature range between -40 °C and +100 °C
- outstanding chemical resistance to acids, alkalis, solvents, oils, gases, ozone
- high tear propagation resistance, high low- temperature flexibility, high abrasion resistance and reverse bending strength

- insulation from heat, structure-borne noise and leakage currents
- damping of vibration and shock
- relieves the motor/machine shaft bearings of lateral and axial forces
- steel bosses with corrosion-protected, electro-galvanised surface, or optionally available in special materials and designs
- couplings can be used as safety element: shearing off of the elastic body as a result of overload = limitation of damage

Distributor :

Interflex Hose & Bellows Ltd.