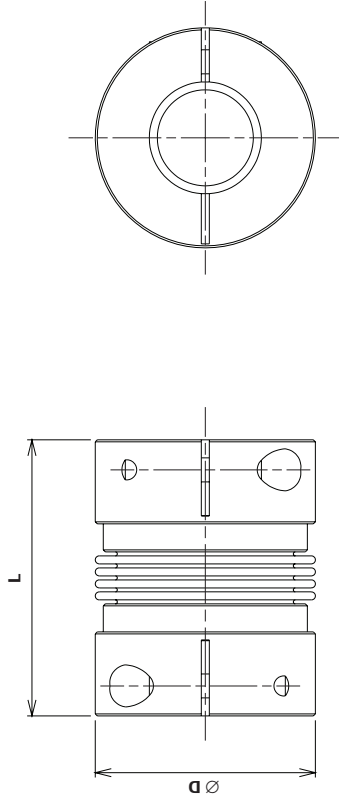


# CONNECTING KIT **DYNABOX XL** -SERVOMOTOR

## TORSION STIFF COUPLINGS

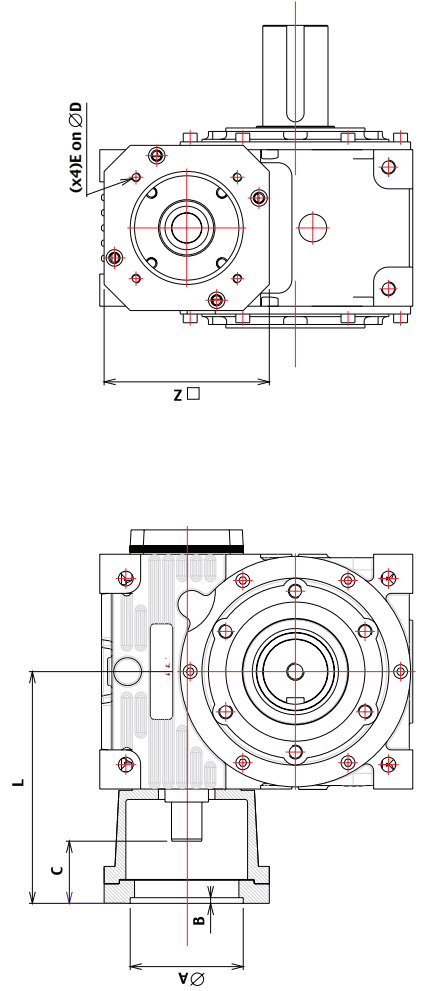


Coupling reference	AM N° 60	AM N° 80	AM N° 150	AM N° 300	AM N° 500
Ø servo shaft and <b>DYNABOX XL</b> shaft	<Ø35	<Ø42	<Ø42	<Ø60	<Ø62
Servo nominal torque	60	80	150	300	500
Servo peak torque	90	120	225	450	750
Ø D	66	82	82	110	123
L	79	92	92	109	114
Polar moment of inertia	0,18	0,54	0,65	2,68	9
Torsional stiffness	21	23	41	46	85

Specify the coupling reference and the servo shaft  $\varnothing$ . To calculate the input total inertia, add the coupling inertia to the gearbox inertia (page 5).  
Example : AM n° 150  $\varnothing$  42.

## CONNECTING FLANGE

Select the required flange on page 11.



<b>DYNABOX</b>	Reference	A	B	C mini	D	E	L	Z
<b>125</b>	BM-F115/95	95	5	42	115	M8	247	190
	BM-F130/95	95	5	52	130	M8	257	190
	BM-F130/110	110	5	52	130	M8	257	190
	BM-F145/110	110	6,5	62	145	M8	267	190
	BM-F165/110	110	6,5	52	165	M10	257	190
	BM-F165/130	130	6,5	52	165	M10	257	190
	BM-F200/114,3	114,3	6,5	82	200	M10	287	190
	BM-F215/130	130	6,5	62	215	M12	267	190
	BM-F215/180	180	6,5	62	215	M12	267	190
	BM-F265/230	230	6,5	85	265	M12	290	260
<b>160</b>	BM-F300/250	250	6,5	85	300	M14	290	260
	BM-F350/300	300	8,5	112	350	M16	317	360
	BM-F165/130	130	6,5	52	165	M10	321	200
	BM-F200/114,3	114,3	6,5	82	200	M10	351	200
	BM-F215/130	130	6,5	62	215	M12	331	200
	BM-F215/180	180	6,5	62	215	M12	331	200
	BM-F265/230	230	6,5	85	265	M12	331	260
	BM-F300/250	250	6,5	85	300	M14	354	260
	BM-F350/300	300	8,5	112	350	M16	381	360
	BM-F165/130	130	6,5	52	165	M10	365	200
<b>200</b>	BM-F200/114,3	114,3	6,5	82	200	M10	399	200
	BM-F215/130	130	6,5	62	215	M12	379	200
	BM-F215/180	180	6,5	62	215	M12	379	200
	BM-F265/230	230	6,5	85	265	M12	402	260
	BM-F300/250	250	6,5	85	300	M14	402	260
	BM-F350/300	300	8,5	112	350	M16	429	360
	BM-F400/350	350	10,5	142	400	M16	460	420