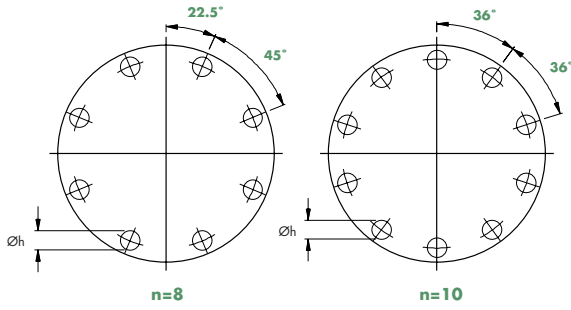
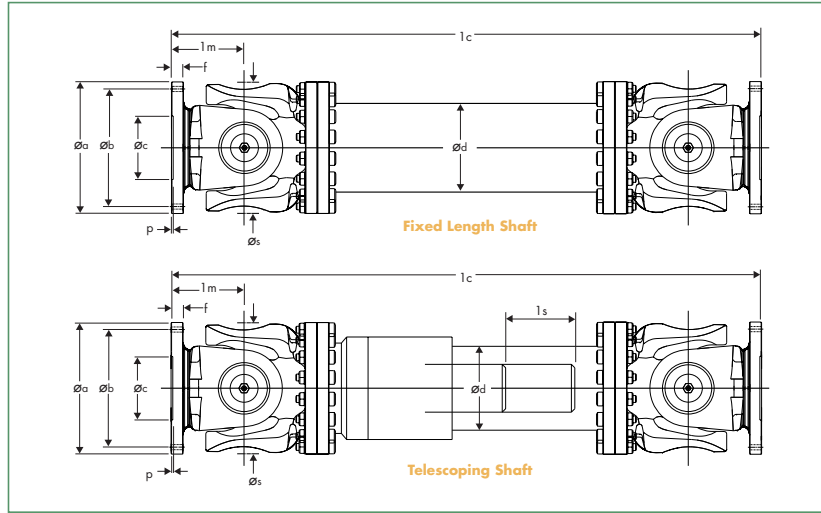


# Engineering Data [XL-Series]



**T<sub>p</sub>** peak torque  
**T<sub>nrf</sub>** non-rev fatigue torque  
**T<sub>rf</sub>** reverse fatigue torque  
  
**angle** maximum deflection angle  
**Ø<sub>a</sub>** flange diameter  
**Ø<sub>b</sub>** bolt circle diameter  
**Ø<sub>c</sub>** pilot diameter  
**Ø<sub>d</sub>** tube outer diameter  
**Ø<sub>s</sub>** swing diameter  
**l<sub>s</sub>** slip length  
**l<sub>m</sub>** flange - cross length  
**n** bolt pattern  
**Ø<sub>h</sub>** hole diameter  
**f** flange thickness  
**p** pilot depth

Note: Following designs & options available upon request, identified by letter "X" at the end of the size number:

- fixed
- short coupled
- long slip
- compact double flange type
- greater deflection angle
- oversized tube
- hole type yoke
- custom flange

# Universal Joint Driveshaft XL Series-Extended Life

DRIVESHAFT SIZE		XL 22-20	XL 25-20	XL25-25	XL 28-25	XL 28-28	XL 31-28	XL 31-31	XL 35-31	XL 35-35	XL 39-35	XL 39-39	XL 43-39
Torque Ratings	T <sub>p</sub>	in.lbs	309,776	389,433	475,298	575,298	675,298	876,224	1,076,224	1,276,224	1,476,224	1,676,224	1,876,224
		kNm	35	44	54	65	78	99	125	151	177	203	229
	T <sub>nrf</sub>	in.lbs	230,119	309,776	389,433	475,298	575,298	675,298	876,224	1,076,224	1,276,224	1,476,224	1,676,224
		kNm	26	35	44	54	65	78	99	125	151	177	203
	T <sub>rf</sub>	in.lbs	154,888	212,418	270,948	329,478	388,008	446,538	505,068	563,598	622,128	680,658	739,188
		kNm	17.5	24	30	37	44	54	63	73	83	93	103

Standard Dimensions		Angle (degree)	15	15	15	15	15	15	15	15	15	15	15
l <sub>c</sub>	in	35.43	35.43	37.80	37.80	40.94	40.94	45.35	45.35	48.82	48.82	51.97	51.97
	mm	900	900	960	960	1040	1040	1152	1152	1240	1240	1320	1320
Ø <sub>a</sub>	in	8.86	9.84	9.84	11.22	11.22	12.40	12.40	13.78	13.78	15.35	15.35	17.13
	mm	225	250	250	285	285	315	315	350	350	390	390	435
Ø <sub>b</sub>	in	7.72	8.58	8.58	9.65	9.65	11.02	11.02	12.20	12.20	13.58	13.58	15.16
	mm	196	218	218	245	245	280	280	310	310	345	345	385
Ø <sub>c</sub>	in	5.51	5.51	5.51	6.89	6.89	6.89	6.89	8.66	8.66	9.84	9.84	9.84
	mm	140	140	140	175	175	175	175	220	220	250	250	250
Ø <sub>d</sub>	in	5.50	5.50	6.00	6.00	6.50	6.50	8.00	8.00	8.75	8.75	9.63	9.63
	mm	139.7	139.7	152.4	152.4	165.1	165.1	203.2	203.2	222.3	222.3	244.5	244.5
Ø <sub>s</sub>	in	8.19	8.19	9.84	9.84	11.22	11.22	12.40	12.40	13.78	13.78	15.35	15.35
	mm	208	208	250	250	285	285	315	315	350	350	390	390
l <sub>s</sub>	in	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
	mm	127	127	127	127	127	127	127	127	127	127	127	127
l <sub>m</sub>	in	4.72	4.72	5.51	5.51	6.30	6.30	7.09	7.09	7.64	7.64	8.46	8.46
	mm	120	120	140	140	160	160	180	180	194	194	215	215
n	8	8	8	8	8	8	8	10	10	10	16	16	16
	in	0.63	0.71	0.71	0.79	0.79	0.87	0.87	0.87	0.87	0.94	0.94	1.06
Ø <sub>h</sub>	mm	16	18	18	20	20	22	22	22	22	24	24	27
	in	0.59	0.71	0.71	0.79	0.79	0.87	0.87	0.98	0.98	1.26	1.26	1.26
f	mm	15	18	18	20	20	22	22	25	25	32	32	32
	in	0.20	0.24	0.24	0.24	0.28	0.28	0.28	0.31	0.31	0.31	0.31	0.39
p	mm	5	6	6	6	7	7	7	8	8	8	8	10
	in	0.20	0.24	0.24	0.24	0.28	0.28	0.28	0.31	0.31	0.31	0.31	0.39

Part Number Designation: Example XL 22-20  
 XL - Xtek Life Series    22 - Flange Diameter (Ø<sub>a</sub>)    20 - Tight Joint Swing (Ø<sub>s</sub>)



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