

WARPING ROLLERS



WR

Features

- Standards : DIN 81906
- Design safety factor : 5
- Material : GG26 (DIN 1691)
- Optional materials : Stainless steel
- Standard finishing : Sandblasted, one layer of shopprimer
- Optional finishing : Galvanized

THR warping rollers are supplied with a polyamide-bronze bearing according to DIN 81906. Apart from this totally maintenance free design, the warping rollers can also be delivered with Bronze-steel bearings or other bearing upon request.

Additionally, the warping rollers can be delivered on a socket (DIN 81907) with optional heights. Apart from the standard cylindrical socket (Form A), conical (Form B) or custom made sockets are available.

The rollers on a socket can be equipped with a part that prevents the mooring line from dropping when tension on the line slackens.

Type	Nominal Pull (kN)	Rope Ø (mm)	Wire Ø (mm)	Nominal Ø (mm)	Roller Ø (mm)	Height (mm)	Weight (kg)
WR-01	10	16	12	160	210	80	14
WR-02	20	22	16	200	265	102	20
WR-03	30	28	20	250	330	126	33
WR-05	50	36	24	320	420	160	72
WR-08	80	48	32	400	530	208	140
WR-12	120	60	40	450	610	256	240
WR-20	200	78	48	500	640	278	32
WR-32	320	96	48	560	780	348	580



WRP – Form A

Type	Nominal Pull (kN)	Socket Ø (mm)	Socket height (mm)	Total height (mm)	Weight (kg)
WRP-01	10	219.1	200	282	31
			400	482	44
			600	682	57
			800	882	70
WRP-02	20	273	200	305	43
			400	505	59
			600	705	75
			800	905	91
WRP-03	30	355.6	200	329	68
			400	529	89
			600	729	111
			800	929	132
WRP-05	50	457.2	200	363	117
			400	563	144
			600	763	172
			800	963	199
WRP-08	80	558.8	200	411	209
			400	611	242
			600	811	276
			800	1011	310
WRP-12	120	660.4	200	459	325
			400	659	370
			600	859	415
			800	1059	460
WRP-20	200	660.4	200	483	460
			400	683	516
			600	883	571
WRP-32	320	812.8	200	553	748
			400	753	810
			600	953	773



WRP – Form B

Type	Nominal Pull (kN)	Socket top Ø (mm)	Socket bottom Ø (mm)	Socket height (mm)	Total height (mm)	Weight (kg)
WRP-08	80	560	825	1000	1211	426
WRP-12	120	660	925	1000	1259	568
			975	1200	1459	638
WRP-20	200	660	870	800	1083	629
			925	1000	1283	695
			975	1200	1483	764
			1030	1400	1683	838
WRP-32	320	810	1020	800	1153	953
			1075	1000	1353	1030
			1125	1200	1553	1110
			1180	1400	1753	1196