

# DOUBLE FAIRLEADS



**FA-D**

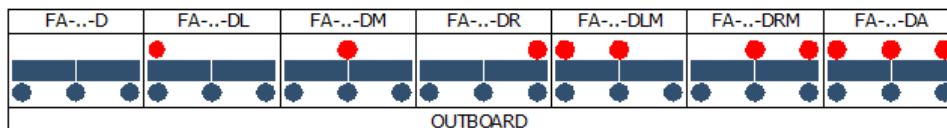
## Features

- Standards : THR standard
- Design safety factor : 5
- Material : S355J2+N (1.0577)  
St.52-3
- Optional materials : -
- Standard finishing : Sandblasted,  
one layer of shopprimer
- Optional finishing : -

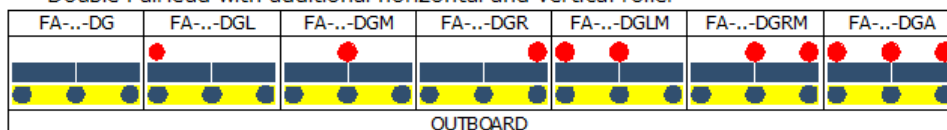
THR fairleads, designed for two ropes may have to be selected based upon the ship design or the occurring line-angles. Compared to the fairleads designed for one rope, the basic 7-roller fairlead (Type FA-D) can be modified by adding either one, two, or three additional vertical rollers.

The choice of where and how many extra rollers are required depends on the existing line-angles of the mooring lines. If necessary, horizontal rollers can be added to the double fairleads to overcome differences in height.

Double Fairlead with additional vertical roller



Double Fairlead with additional horizontal and vertical roller



Type	Nominal Pull (kN)	Wire Ø (mm)	Rope Ø (mm)	Lenght Horizontal Roller (mm)	Height Vertical Roller (mm)	Roller Ø (mm)	Opening (mm x mm)	Total Length (mm)	Total Height (mm)	Weight (kg)
FA-1-D..	10	10	16	440	260	60	120 x 80	640	375	100
FA-2-D..	20	12	22	626	364	82	180 x 100	902	490	190
FA-3-D..	30	16	28	786	454	102	230 x 120	1132	610	250
FA-s,D..	50	20	36	901	524	127	250 x 140	1277	715	375
FA-8-D..	80	24	48	1000	580	140	280 x 150	1420	800	570
FA-12-	120	32	60	1158	680	178	300 x 160	1678	915	1000
FA-16-	160	36	72	1246	732	194	320 x 170	1814	1005	1300
FA-20-	200	40	78	1440	856	244	340 x 180	1934	1145	1600
FA-32-	320	48	96	1724	1026	298	400 x 250	2398	1355	3400