

10.9 Filling quantities for FLUDEX "FN.." couplings, sizes 370, 490, 655 and 887

Guide values for VG 22/VG 32 mineral oil

With drive via blade shell (101) (outer wheel), valid for $T_{max.} = 1.3 \times T_{nom.}$

Table 12: Filling quantities for FLUDEX "FN.." couplings, sizes 370, 490, 655 and 887

Output kW	Speed 1/min												
	600	740	890	980	1180	1470	1770	2300	2950	3550			
Oil-filling quantities in litres													
1.1	5.6												
2.2	7.1	5.7											
3.0	7.9	6.4	5.1										
4.0	8.2	7.0	5.8	5.1									
5.5	14.4	7.8	6.5	5.9									
7.5	16.0	8.2	7.2	6.5	5.3								
11	18.2	14.7	8.2	7.4	6.2								
15	19.0	16.3	13.4	8.2	6.8	5.4							
18	33.5	17.3	14.4	12.9	7.2	5.8							
22	35.4	18.6	15.4	13.9	7.8	6.2	4.9						
30	38.5	19.0	17.0	15.5	12.5	6.9	5.7						
37	41.6	34.3	18.4	16.6	13.7	7.4	6.1	4.4					
45	45.0	36.2	19.0	17.7	14.7	7.9	6.6	4.7					
55	45.0	38.2	32.9	19.0	15.8	12.2	7.0	5.3					
75	76.5	43.0	35.8	33.1	17.4	14.0	7.8	6.0	4.3				
90	80.5	45.0	37.6	34.8	18.7	14.9	11.7	6.4	4.6				
110	85.2	45.0	40.1	36.7	31.8	16.0	13.1	6.8	5.1				
132	89.5	74.7	43.3	38.6	33.2	16.9	14.0	7.2	5.6	4.3			
160	95.6	80.0	45.0	41.5	35.0	18.1	15.0	10.7	6.0	4.7		Size 370	
200	105.5	84.5	71.5	45.0	37.1	31.1	16.2	11.8	6.5	5.2			
250	110.0	89.7	76.9	45.0	39.7	33.0	17.4	13.2		5.8			
315		97.5	82.4	76.5	43.8	35.1	30.2	14.5				Size 490	
350		102.1	84.6	78.4	45.0	36.1	31.2	15.0					
400		108.9	87.6	81.2	45.0	37.4	32.3					Size 655	
500			94.1	86.1	73.3	40.2	34.2						
600			101.4	90.6	78.1	43.5	35.9						
750			110.0	98.5	82.9	66.9	38.2						
900				107.2	86.8	72.7						Size 887	
1100					92.1	77.1							
1300					98.2	80.4							
1600						84.9							



With different operating fluids or $T_{max.}$ not equal to $1.3 \times T_{nom.}$, observe changed filling quantities!