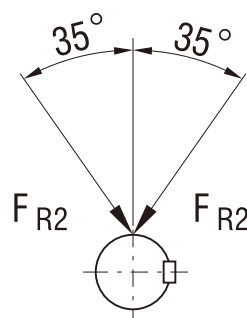
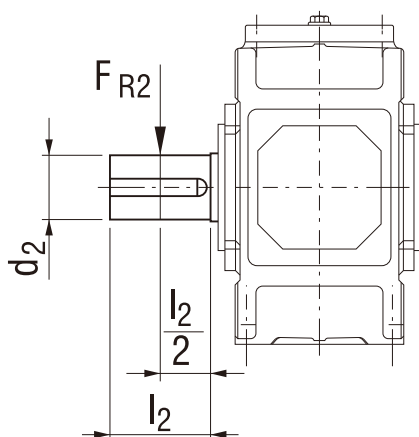




Permissible Additional Radial Forces on Output Shaft:

Permissible Additional Radial Forces on Output Shaft d2



Permissible direction of force

Permissible additional radial forces F_{R2} in kN with application of force on centre of shaft end

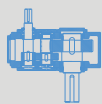
Type	Design	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
H1SH	A / B	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—
H2S.	A / B / G / H	—	10	22	22	30	30	30	45	64	64	150	150	140	205	205	205
	C / D	—	10	13	13	18	18	10	28	35	35	112	112	85	135	135	135
H3S.	A / B / G / H	—	—	29	29	40	40	40	60	85	85	190	190	185	265	265	265
	C / D	—	—	18	18	26	26	18	40	50	50	150	150	120	185	185	190
H4S.	A / B	—	—	—	—	26	26	18	40	50	50	150	150	120	185	185	190
	C / D	—	—	—	—	40	40	40	60	85	85	190	190	185	265	265	265
B2S.	A / C	—	13	27	27	37	37	38	55	78	78	160	160	150	210	210	210
	B / D	—	12	15	15	17	17	10	30	35	38	110	110	75	145	100	100
B3S.	A / C	—	14	29	29	40	40	40	60	85	85	190	190	185	265	265	265
	B / D	—	9	18	18	26	26	18	40	50	50	150	150	120	185	185	190
B4S.	A / C	—	—	29	29	40	40	40	60	85	85	190	190	185	265	265	265
	B / D	—	—	18	18	26	26	18	40	50	50	150	150	120	185	185	190

Note: 1) Values in tables are minimum values. If the angle of application of force and the direction of rotation are given, significantly higher additional forces can mostly be allowed. Please consult us.

2)* On request.

3)**For application of force outside the centre of the shaft end, see P216.

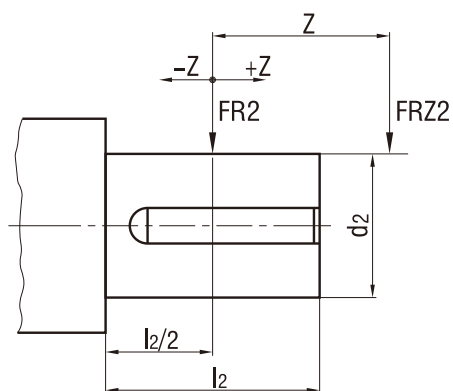
4) Use foundation bolts of min. property class 8.8. Foundation must be dry and grease-free. Permissible additional radial forces on input shaft d1 on request.



Permissible Additional Radial Forces on Output Shaft d2

Application of force outside the centre of the shaft end

$$F_{RZ2} = F_{R2} \times k$$



F_{RZ2} Permissible external radial force

F_{R2} Permissible additional radial force acc. to table

k Factor of application of force acc. to table

Factor of application of force k

Size	Distance z (mm)														
	- 200	- 150	- 100	- 75	- 50	- 25	0	25	50	75	100	150	200	250	300
3					1.21	1.09	1.00	0.85	0.74	0.65	0.58	0.48			
4					1.17	1.08	1.00	0.86	0.76	0.68	0.62	0.52	0.44		
5、6				1.22	1.14	1.06	1.00	0.88	0.79	0.72	0.66	0.56	0.49	0.43	
7、8				1.19	1.12	1.06	1.00	0.89	0.81	0.74	0.68	0.58	0.51	0.46	0.41
9、10			1.22	1.15	1.10	1.05	1.00	0.90	0.82	0.76	0.70	0.61	0.54	0.48	0.44
11、12			1.18	1.13	1.08	1.04	1.00	0.91	0.84	0.78	0.73	0.64	0.57	0.51	0.47
13、14		1.24	1.15	1.11	1.07	1.03	1.00	0.92	0.86	0.80	0.75	0.67	0.60	0.55	0.50
15、16		1.20	1.12	1.09	1.06	1.03	1.00	0.93	0.87	0.82	0.77	0.69	0.63	0.58	0.53
17、18	1.25	1.17	1.11	1.08	1.05	1.03	1.00	0.94	0.88	0.84	0.79	0.72	0.66	0.60	0.56