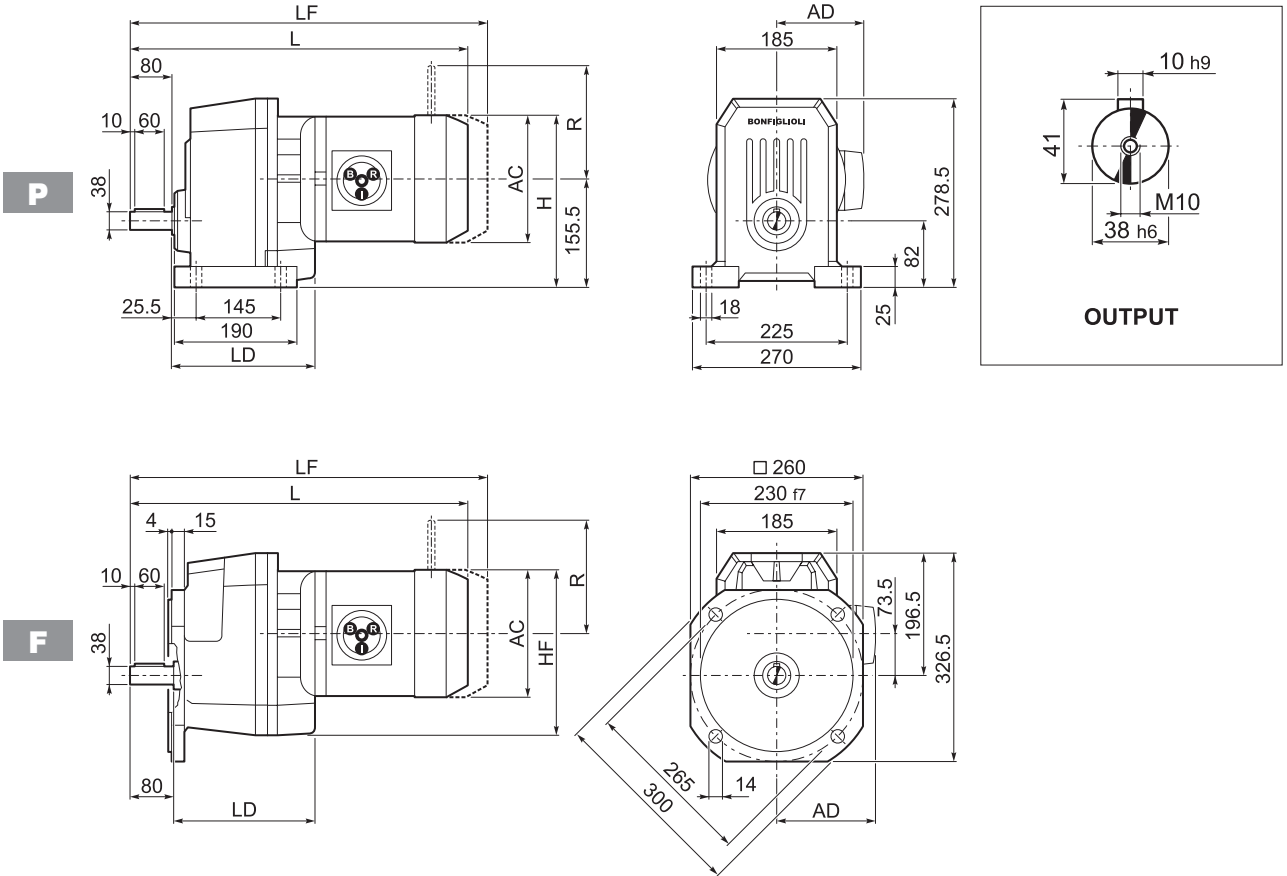
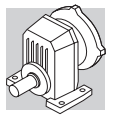


# S 50...M/ME/MX

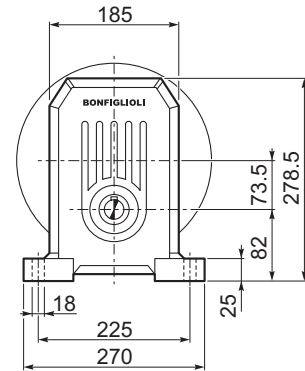
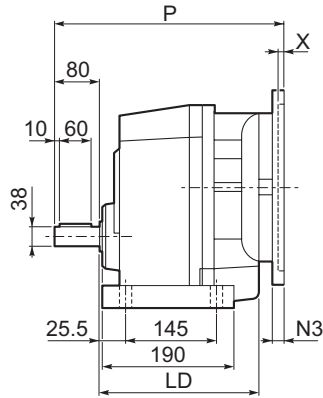
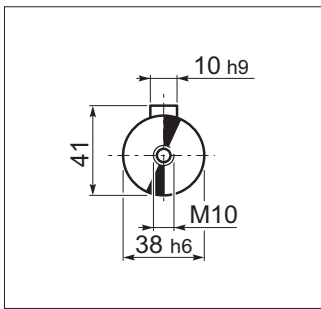


Motor Icon	S	S	M	AC	H	HF	L	LD	AD	Kg	M...FD M...FA		M...FD		M...FA	
											LF	Kg	R	AD	R	AD
	S 50 1	S1	M1	137	225	222	469	—	102	40	530	42	103	135	124	108
	S 50 1	S2	M2S	156	233	230	492.5	204.5	111	44	568.5	47	129	146	134	119
	S 50 1	S2	ME2S	156	233	230	492.5	204.5	111	44	—	—	—	—	—	—
	S 50 1	S2	MX2S	156	233	230	536.5	204.5	111	49.1	—	—	—	—	—	—
	S 50 1	S3	ME3S	195	253	250	541.5	219.5	135	52.5	—	—	—	—	—	—
	S 50 1	S3	MX3S	195	253	250	573.5	219.5	135	55.5	—	—	—	—	—	—
	S 50 1	S3	ME3L	195	253	250	573.5	219.5	135	60	—	—	—	—	—	—
	S 50 1	S3	MX3L	195	253	250	617.5	219.5	135	66	—	—	—	—	—	—
	S 50 1	S4	ME4	258	284	281	681.5	204.5	193	86	—	—	—	—	—	—
	S 50 1	S4	ME4LB	258	284	281	716.5	204.5	193	94	—	—	—	—	—	—
	S 50 1	S5	ME5S	310	310.5	307	768	—	245	114	—	—	—	—	—	—
	S 50 1	S5	ME5L	310	310.5	307	812	—	245	130	—	—	—	—	—	—

# S 50...P(IEC)

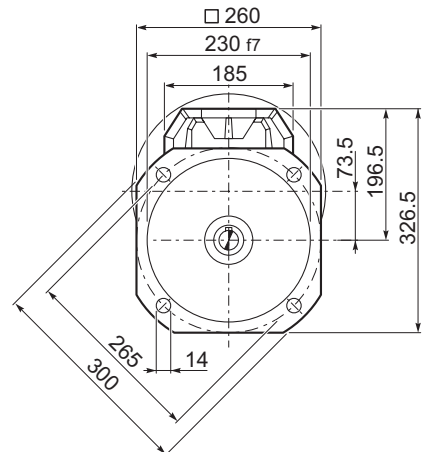
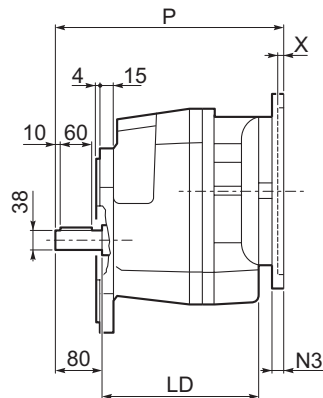
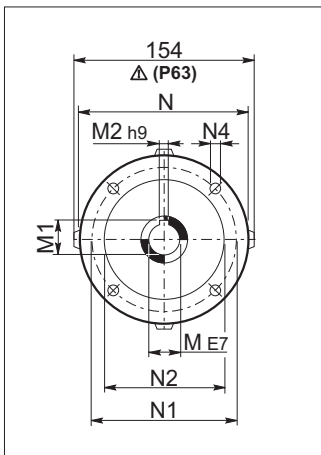


## OUTPUT



P

## INPUT



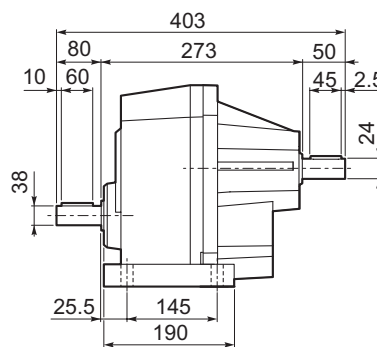
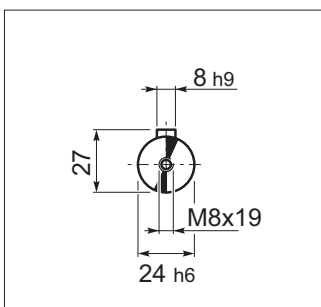
F

## S 50

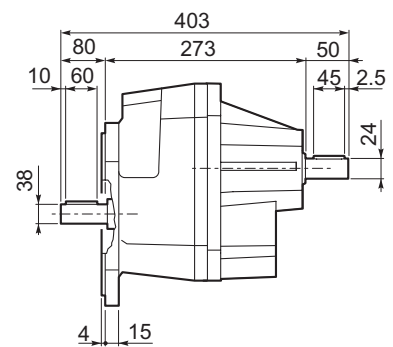
		LD	M	M1	M2	N	N1	N2	N3	N4	P	X	Kg
S 50 1	P63	204.5	11	12.8	4	140	115	95	—	M8x10	314	4	35
S 50 1	P71	204.5	14	12.8	4	160	130	110	—	M8x10	314	4.5	35
S 50 1	P80	219.5	19	16.3	5	200	165	130	—	M10x12	314	4	37
S 50 1	P90	219.5	24	21.8	6	200	165	130	—	M10x12	334	4	37
S 50 1	P100	204.5	28	27.3	8	250	215	180	—	M12x16	344	4.5	41
S 50 1	P112	204.5	28	31.3	8	250	215	180	—	M12x16	344	4.5	41
S 50 1	P132	204.5	38	41.3	10	300	265	230	16	14	380	5	44
S 50 1	P160	—	42	45.3	12	350	300	250	23	18	431	5.5	48
S 50 1	P180	—	48	51.8	14	350	300	250	23	18	431	5.5	48

## S 50...HS

## INPUT



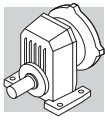
P



F

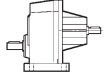

	36
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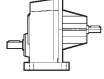

	39
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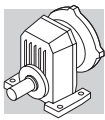


# S 50




# 200 Nm

	i	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$					
		$n_2$ min <sup>-1</sup>	$M_{n2}$ Nm	$P_{n1}$ kW	$R_{n1}$ N	$R_{n2}$ N	$n_2$ min <sup>-1</sup>	$M_{n2}$ Nm	$P_{n1}$ kW	$R_{n1}$ N	$R_{n2}$ N	
S 50 1_1.4	1.4	1972	85	17.9	730	1720	986	110	11.6	730	2150	63
S 50 1_1.8	1.8	1564	85	14.2	1220	1920	782	110	9.2	1370	2400	
S 50 1_2.4	2.4	1162	100	12.4	930	2110	581	130	8.1	970	2640	
S 50 1_3.0	3.0	921	110	10.8	860	2300	461	140	6.9	1020	2880	
S 50 1_3.8	3.8	729	120	9.3	640	2480	365	150	5.8	860	3130	
S 50 1_4.8	4.8	589	120	7.6	880	2710	295	150	4.7	1160	3420	
S 50 1_6.1	6.1	462	100	4.9	1980	3100	231	130	3.2	2330	3880	
S 50 1_7.4	7.4	378	100	4.0	2060	3340	189	130	2.6	2400	4190	
S 50 1_8.8	8.8	319	85	2.9	2400	3640	160	110	1.9	2400	4570	
S 50 1_10.5	10.5	268	85	2.4	2400	3880	134	110	1.6	2400	4870	
S 50 1_12.9	12.9	217	80	1.9	2400	4200	109	100	1.2	2400	5300	

	i	$n_1 = 900 \text{ min}^{-1}$					$n_1 = 500 \text{ min}^{-1}$					
		$n_2$ min <sup>-1</sup>	$M_{n2}$ Nm	$P_{n1}$ kW	$R_{n1}$ N	$R_{n2}$ N	$n_2$ min <sup>-1</sup>	$M_{n2}$ Nm	$P_{n1}$ kW	$R_{n1}$ N	$R_{n2}$ N	
S 50 1_1.4	1.4	634	125	8.5	1010	2510	352	155	5.8	1040	3040	63
S 50 1_1.8	1.8	503	125	6.7	1730	2790	279	155	4.6	1940	3380	
S 50 1_2.4	2.4	373	150	6.0	1160	3060	207	180	4.0	1530	3730	
S 50 1_3.0	3.0	296	160	5.1	1290	3350	164	200	3.5	1310	4050	
S 50 1_3.8	3.8	234	175	4.4	940	3620	130	200	2.8	1740	4460	
S 50 1_4.8	4.8	189	175	3.5	1290	3960	105	180	2.0	2400	4970	
S 50 1_6.1	6.1	149	150	2.4	2400	4500	83	150	1.3	2400	5620	
S 50 1_7.4	7.4	122	140	1.8	2400	4900	68	140	1.0	2400	6100	
S 50 1_8.8	8.8	103	125	1.4	2400	5310	57	125	0.80	2400	6580	
S 50 1_10.5	10.5	86	115	1.1	2400	5700	48	115	0.60	2400	7050	
S 50 1_12.9	12.9	70	100	0.70	2400	6210	39	100	0.40	2400	7200	



## S 50

	i	J ( $\cdot 10^{-4}$ ) [kgm <sup>2</sup> ]										
			 IEC									
			63	71	80	90	100	112	132	160	180	
<b>S 50 1_1.4</b>	1.4	8.2	—	—	11	11	12	12	27	86	84	19
<b>S 50 1_1.8</b>	1.8	5.9	—	—	8.8	8.7	10	10	25	84	82	16
<b>S 50 1_2.4</b>	2.4	3.9	—	—	6.8	6.7	8.0	8.0	23	82	80	14
<b>S 50 1_3.0</b>	3.0	2.7	—	—	5.5	5.5	6.8	6.8	22	81	79	13
<b>S 50 1_3.8</b>	3.8	1.9	3.3	3.3	4.7	4.6	5.9	5.9	21	80	78	12
<b>S 50 1_4.8</b>	4.8	1.4	2.8	2.8	4.2	4.1	5.4	5.4	21	79	77	12
<b>S 50 1_6.1</b>	6.1	0.89	2.4	2.4	3.7	3.7	5.0	5.0	21	79	77	11
<b>S 50 1_7.4</b>	7.4	0.63	2.1	2.1	3.5	3.4	4.7	4.7	20	79	77	11
<b>S 50 1_8.8</b>	8.8	0.50	2.0	2.0	3.4	3.3	4.6	4.6	—	—	—	11
<b>S 50 1_10.5</b>	10.5	0.36	1.8	1.8	3.2	3.1	4.4	4.4	—	—	—	11
<b>S 50 1_12.9</b>	12.9	0.25	1.7	1.7	3.1	3.0	4.3	4.3	—	—	—	11