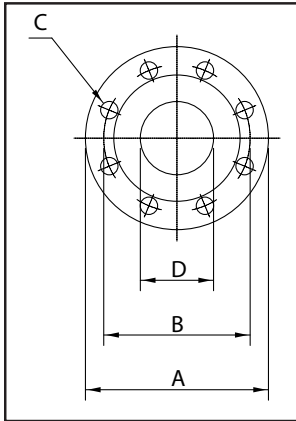
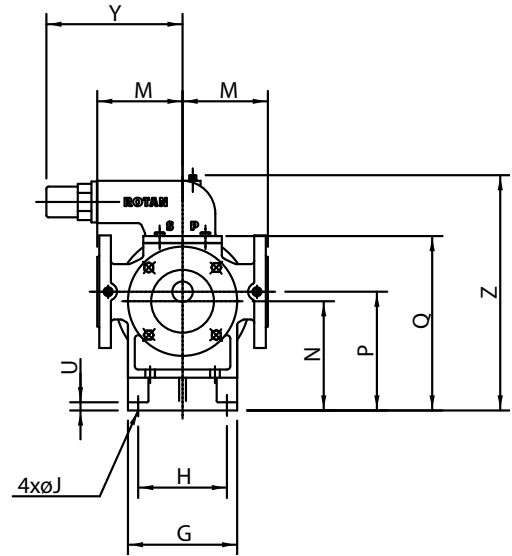
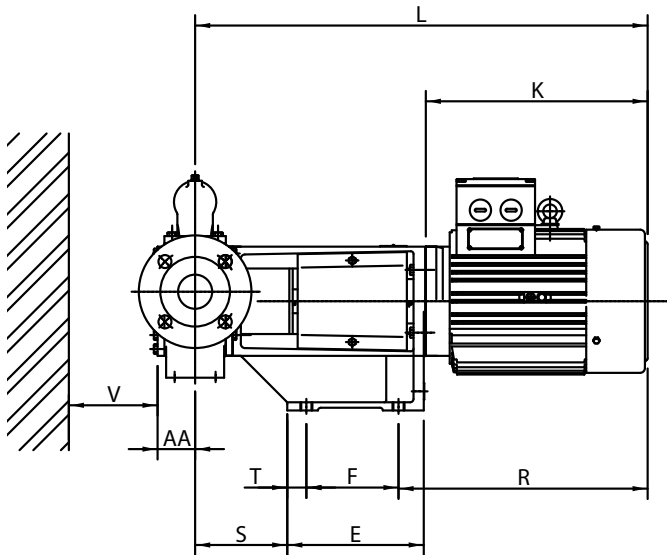




Dimensional Sketches

ROTAN® GP/HD/PD/CD/ED

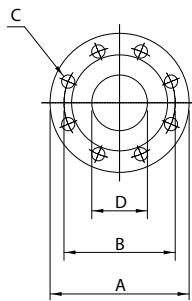
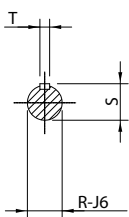
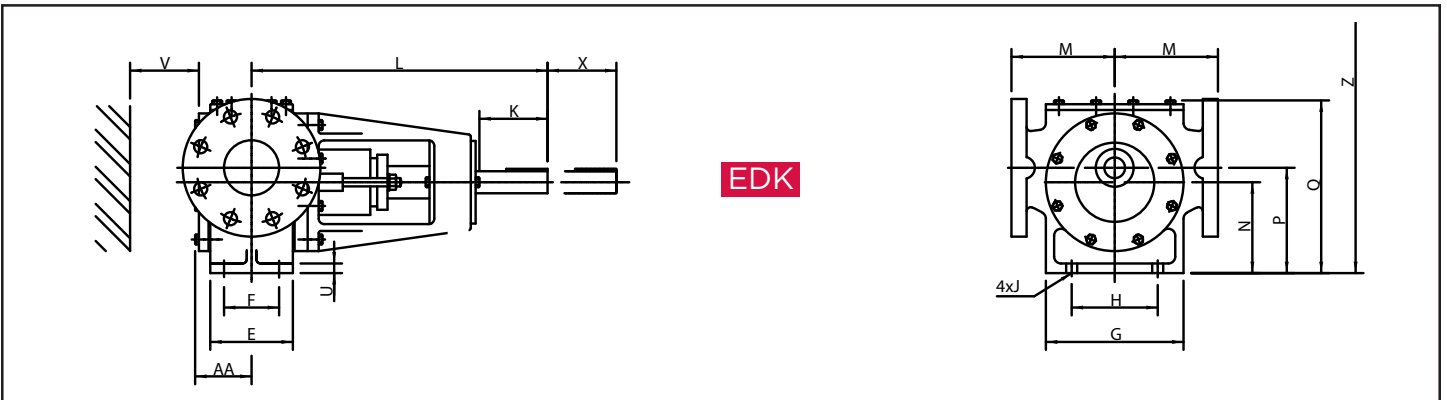
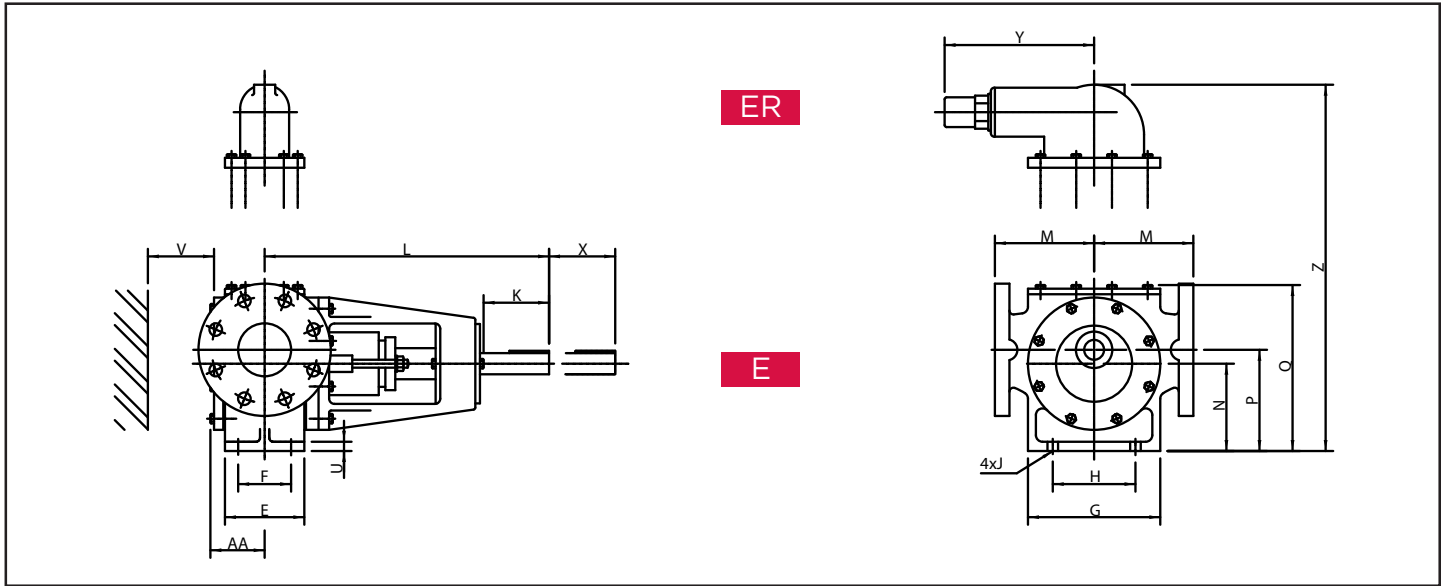


Flanges	
ANSI / ISO 2084 / DIN 2501 / BS 4504 : 1969	
Type	Nominal pressure
26-81	ANSI 125# FF / PN 16
101	ANSI 125# FF / PN 10

NEMA / IEC Motors	
Byggestørrelse / Motor size	Byggeform / Mounting arrangement
NEMA 56 - 286	C-Faced
IEC 80-112 / 132-160	B14 / B5

Type	Pressure gauge connectoin
26-66	1/4" NPT
81-101	3/8" NPT

Type		A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	Y	Z	AA	Weight LB			
																									Pump	Valve		
GP 26	56C	4.53	3.35	4-Ø.55	.98	4.92	2.56	4.72	3.54	0.47	10.61	19.69	2.36 or 3.27	4.41	4.72	6.57	13.09	3.23	0.79	0.39	1.97	4.53	9.57	10.35	1.34	24	4	
	143TC					5.12	2.76	10.08	19.63		12.64	3.43																
	145TC					5.12	2.76	11.06	20.61		13.62	3.43																
	182TC					5.51	3.15	11.99	22.00		14.66	3.43																
	184TC					5.51	3.15	13.99	24.00		16.66	3.43																
GP 33	56C	5.51	3.94	4-Ø.71	1.26	4.92	2.56	4.72	3.54	0.47	10.61	19.85	2.36 or 3.27	4.41	4.72	6.57	13.09	3.39	0.79	0.39	2.36	4.53	9.57	10.35	1.50	26	4	
	143TC					5.12	2.76	10.08	19.78		12.64	3.39																
	145TC					5.12	2.76	11.06	20.77		13.62	3.39																
	182TC					5.51	3.15	11.99	22.16		14.66	3.39																
	184TC					5.51	3.15	13.99	24.16		16.66	3.39																
GP 41	143TC	5.91	4.33	4-Ø.71	1.57	6.30	3.94	5.51	4.33	0.59	10.08	21.00	3.54 or 3.94	5.20	5.59	8.15	12.68		0.79	0.39	2.56	6.14	10.63	1.89	44	4		
	145TC										5.91	3.54					11.06	21.99									13.66	
	182TC										5.91	3.54					11.99	23.38									14.66	
	184TC										5.91	3.54					13.99	25.38									16.66	
	213TC										6.30	3.94					14.65	26.04									17.32	3.98
GP 51	215TC	6.50	4.92	4-Ø.75	1.97	7.87	5.31	6.30	5.12	0.59	16.14	27.54	4.92	6.30	6.85	10.28	18.82		0.98	0.63	2.76	7.83	13.23	14.80	2.40	110	13	
	182TC										11.99	26.30					14.66											
	184TC										11.99	26.30					16.66											
	213TC										14.65	29.94					18.19	5.31										
	215TC										16.14	31.44					19.69	5.31										
GP 66	254TC	7.48	5.71	4-Ø.75	2.56	8.66	5.51	8.86	7.68	0.59	19.21	34.51	4.92	7.87	8.43	11.85	22.76		0.98	0.63	3.15	7.83	14.80	2.60	121	13		
	256TC										20.95	36.24					24.49	5.24										
	182TC										11.99	26.49					14.66											
	184TC										13.99	28.49					16.66											
	213TC										14.65	30.14					18.19	5.51										
GP 81	215TC	8.27	6.30	8-Ø.75	3.15	8.66	5.51	8.86	7.68	0.59	16.14	31.63	5.91	7.87	8.70	12.80	19.69		0.98	0.63	3.94	8.90	16.97	17.95	3.23	176	22	
	254TC										19.21	34.71					22.76	5.43										
	256TC										20.95	36.44					24.49	5.43										
	284TC										19.21	36.22					22.76											
	286TC										20.95	37.95					24.49											
GP 101	288TC	9.02	7.09	8-Ø.75	3.94	9.84	6.69	9.84	8.66	0.59	21.81	41.49	7.09	8.86	9.94	13.66	25.35		0.98	0.63	4.53	8.90	17.83	18.82	3.62	231	22	
	254TC										19.21	36.42					22.76											
	256TC										20.95	38.15					24.49											
	284TC										21.81	40.19					25.35											
	286TC										23.30	41.69					26.85											

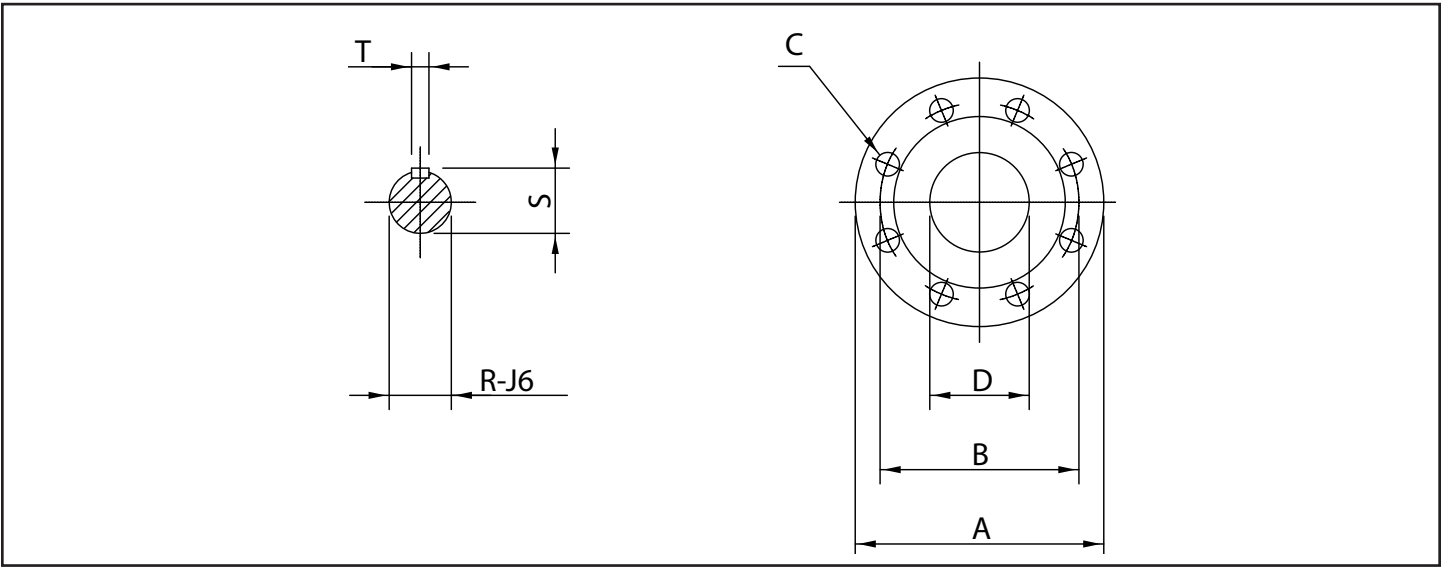
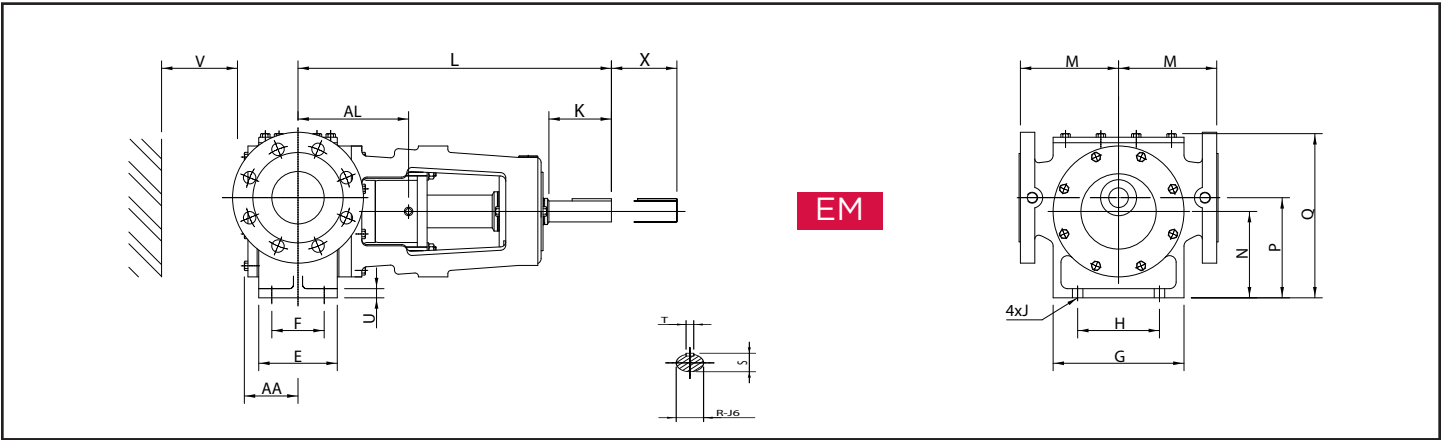
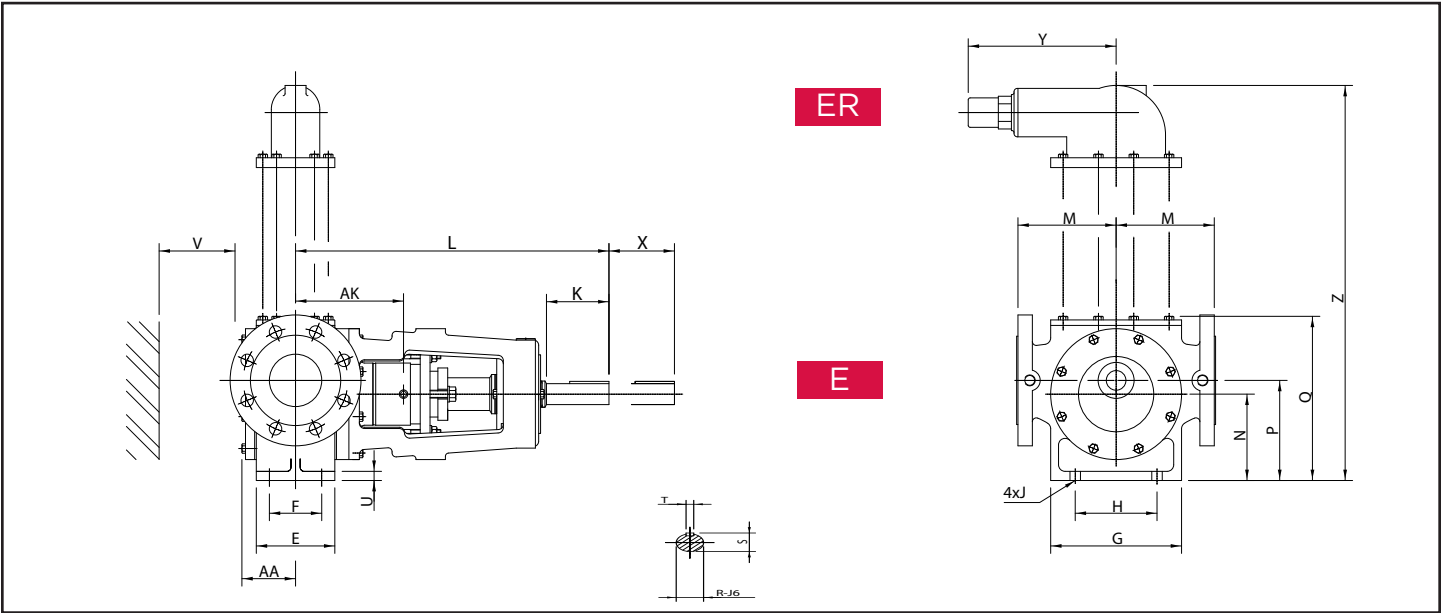


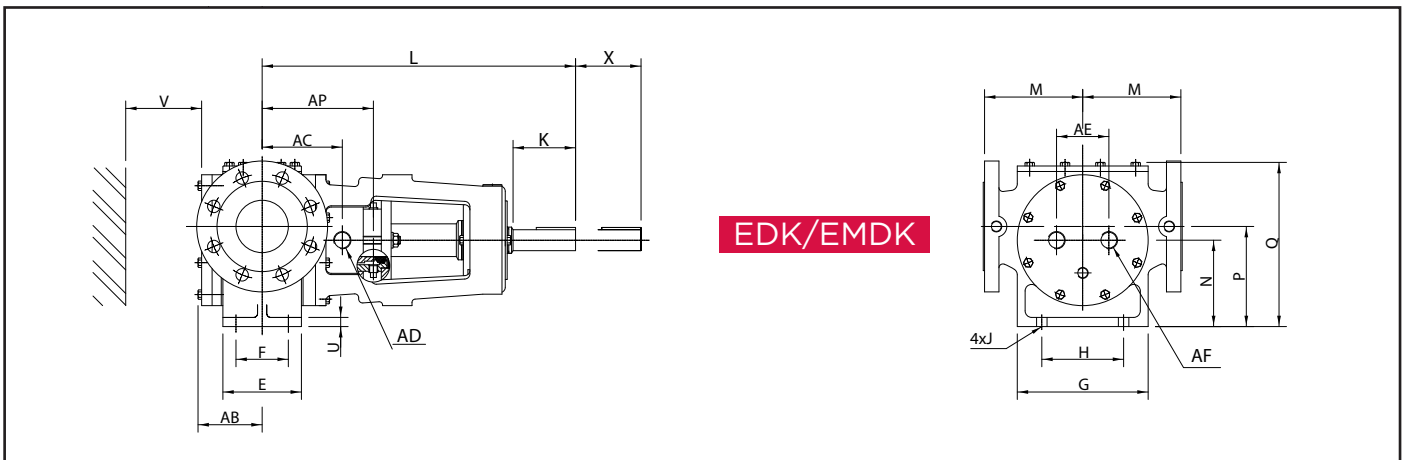
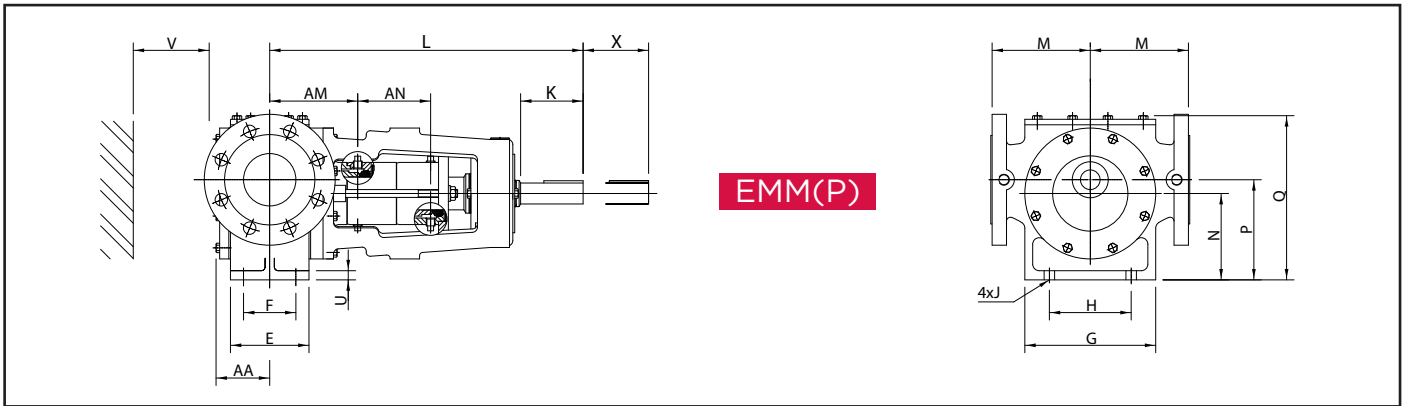
Type	Pressure gauge connection
26-66	1/4" NPT
81-201	3/8" NPT

Flanges	
ANSI / ISO 2084 / DIN 2501 / BS 4504 : 1969	
Type	Nomial pressure
26-81	ANSI 150# RF / PN 16
101-201	ANSI 150# RF / PN 10

Type	All configurations																				ER		E	EDK						Weight lbs.	
	A	B*	C*	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	X	Y	Z	AA	AB	AC	AD	AE	AF	Pump	Valve
HD26	4.53	3.35	1" NPT female or 4-Ø0.55	0.98	1.77	1.10	3.54	1.97	Ø0.28	1.57	8.66	2.36 3.27	2.80	3.11	4.96	Ø12	13.5	4	0.31	1.97	2.76	4.53	6.93 7.95	1.34	2.05	1.65	3/8"	1.50	3/8"	12	4
HD33	5.51	3.94	1 1/4" NPT female or 4-Ø0.71	1.26	1.77	1.10	3.54	1.97	Ø0.28	1.57	8.82	2.36 3.27	2.80	3.11	4.96	Ø12	13.5	4	0.31	2.36	3.15	4.53	6.93 7.95	1.50	2.20	1.77	3/8"	1.50	3/8"	13	4
HD41	5.91	4.33	1 1/2" NPT female or 4-Ø0.71	1.57	2.76	1.97	4.72	2.56	Ø0.39	1.89	9.96	3.54 3.94	3.94	4.33	6.89	Ø16	18	5	0.39	2.56	2.17	4.53	9.37	1.89	2.28	2.40	3/8"	1.97	3/8"	31	4
HD51	6.50	4.92	4-Ø0.75	1.97	3.35	2.36	6.30	3.74	Ø0.47	2.60	13.58	4.92	4.41	4.96	8.39	Ø27	30	8	0.47	2.76	2.76	7.83	11.34	2.40	2.91	4.06	1/2"	2.76	1/2"	77	13
HD66	7.48	5.71	4-Ø0.75	2.56	3.74	2.36	6.30	3.74	Ø0.47	2.60	13.78	4.92	4.41	4.96	8.39	Ø27	30	8	0.47	3.15	3.15	7.83	11.34	2.60	3.11	4.51	1/2"	2.76	1/2"	88	13
HD81	8.27	6.30	8-Ø0.75	3.15	4.72	3.15	7.87	4.92	Ø0.59	4.06	16.93	5.91	5.20	6.02	10.12	Ø32	35.5	10	0.55	3.94	3.94	8.90	14.29	3.23	3.86	5.02	3/4"	3.15	3/4"	143	22
HD101	9.02	7.09	8-Ø0.75	3.94	5.51	4.33	9.65	6.30	Ø0.59	4.06	17.13	7.09	6.30	7.36	12.09	Ø32	35.5	10	0.55	4.53	4.53	8.90	16.26	3.62	4.25	5.02	3/4"	3.54	3/4"	198	22
HD124	9.02	7.09	8-Ø0.75	3.94	6.30	4.72	11.02	7.48	Ø0.75	4.76	22.24	7.87	7.87	9.09	14.45	Ø42	45.5	12	0.71	5.51	5.51	12.83	20.67	4.21	4.84	5.91	1"	4.41	3/4"	304	44
HD126	10.00	8.27	8-Ø0.75	4.92	6.30	4.72	11.02	7.48	Ø0.75	4.76	22.24	7.87	7.87	9.09	14.45	Ø42	45.5	12	0.71	5.51	5.51	12.83	20.67	4.21	4.84	5.91	1"	4.41	3/4"	309	44
HD151	11.22	9.45	8-Ø0.94	5.91	7.48	5.91	12.99	9.84	Ø0.75	4.76	22.83	8.86	8.86	10.31	16.46	Ø42	45.5	12	0.71	6.50	6.50	12.83	22.64	4.92	5.71	6.50	1"	5.12	3/4"	419	44
HD152	11.22	9.45	8-Ø0.94	5.91	8.66	6.30	15.35	11.02	Ø0.94	5.24	25.35	10.83	9.84	11.61	18.90	Ø55	60	16	0.87	7.09	7.09	17.44	27.17	5.67	6.54	7.76	1"	5.51	3/4"	617	132
HD201	13.39	11.61	8-Ø0.94	7.87	9.84	7.87	18.31	12.40	Ø0.94	7.09	33.46	11.81	12.40	14.53	22.91	Ø70	76	20	0.94	8.46	8.46	17.44	31.18	6.61	7.60	9.45	1"	7.87	3/4"	1014	132

All dimensions in inches except R, S & T are in millimeters.



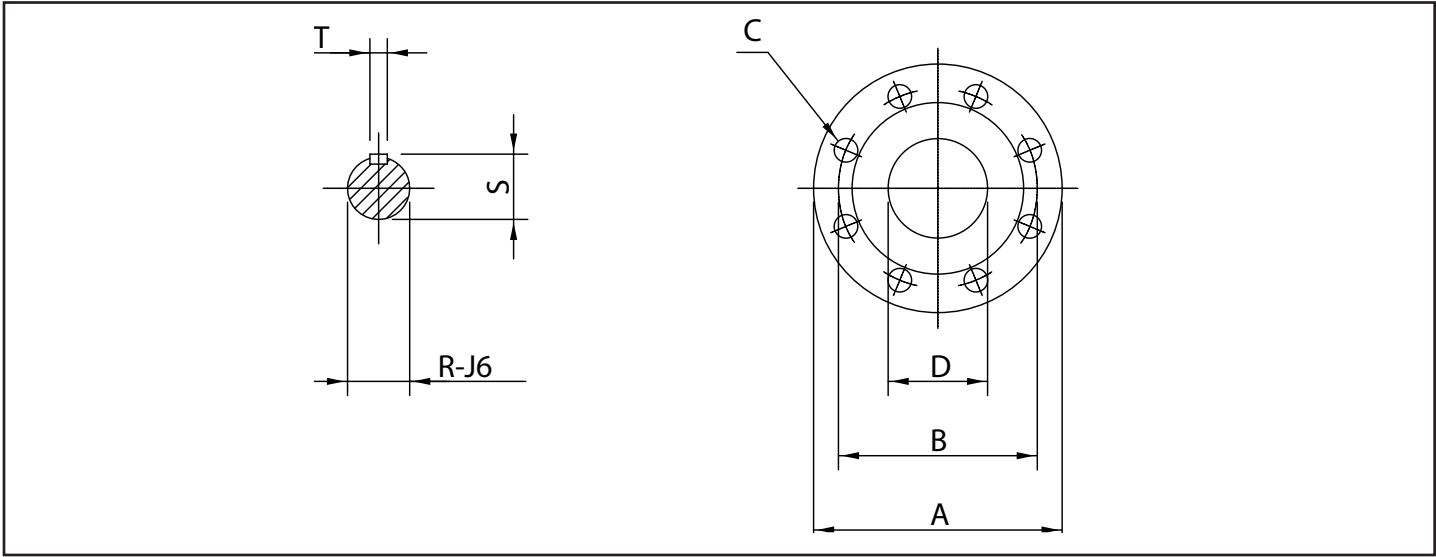
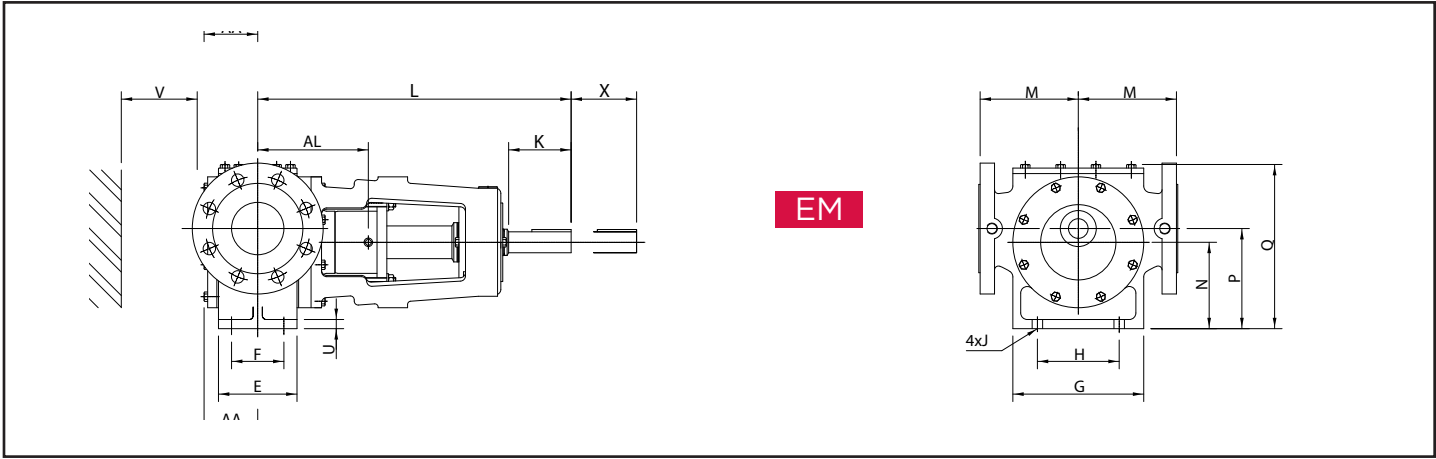
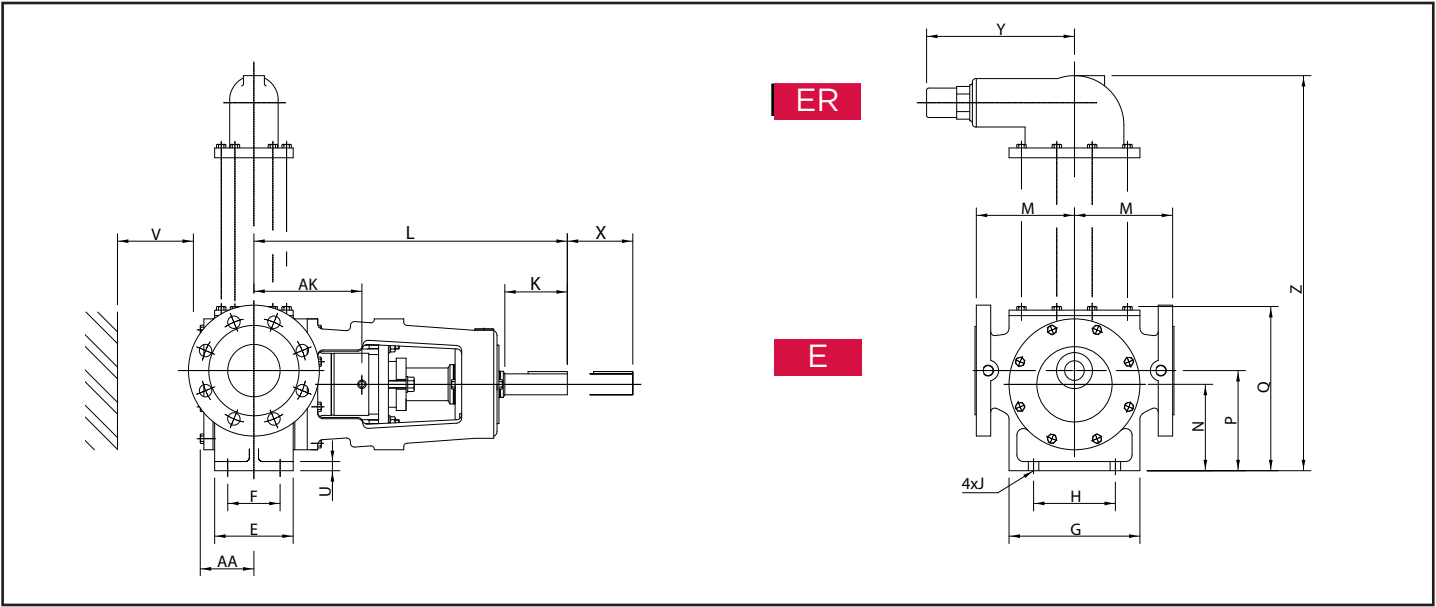


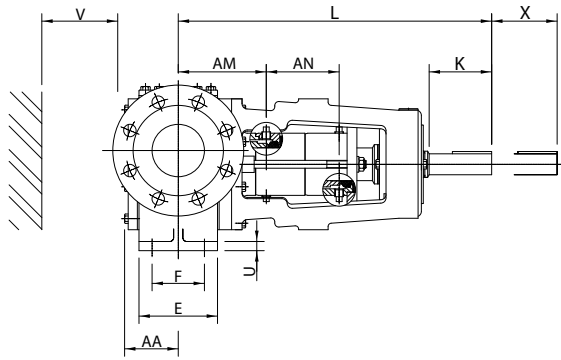
Type	Pressure gauge connection
26-66	1/4" NPT
81-201	3/8" NPT

Type	Tilslutning for spærrevæske
26-41	1/8" NPT
51-151	1/4" NPT
201	3/8" NPT

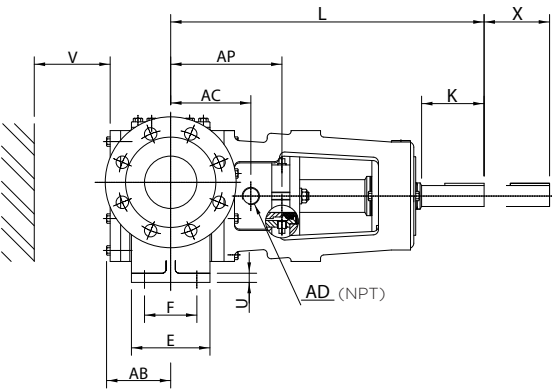
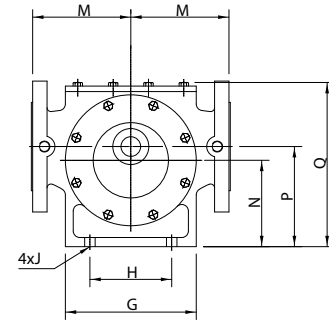
Flanges				
Type	ISO	DIN	BS	ANSI
26-101	2084-PN16	2501-ND16	4504 1969 PN16	150# RF
126-201	2084-PN10	2501-ND10	4504 1969 PN10	150# RF

Type	All configurations																				E				ER				EM				EMM				EDK/EMDK								Weight lbs.	
	A	B*	C*	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	X	AA	AK	Y	Z	AL	AM	AN	AB	AC	AD	AE	AF	AP	Pump	Valve										
PD26	4.53	1" NPT female or 4-Ø0.71		0.98	1.77	1.10	3.54	1.97	Ø0.28	1.57	9.80	2.36	2.80	3.11	4.96	Ø12	13.5	4	0.31	1.97	2.76	1.34	2.99	4.53	7.95	3.11	2.24	2.44	2.05	1.30	1/8"	1.50	3/8"	2.99	15	4										
PD33	5.51	1 1/4" NPT female or 4-Ø0.71		1.26	1.77	1.10	3.54	1.97	Ø0.28	1.57	9.96	2.36	2.80	3.11	4.96	Ø12	13.5	4	0.31	2.36	3.15	1.50	3.15	4.53	7.95	3.19	2.40	2.44	2.20	1.42	1/8"	1.50	3/8"	3.15	22	4										
PD41	5.91	1 1/2" NPT female or 4-Ø0.71		1.57	2.76	1.97	4.72	2.56	Ø0.39	1.89	11.54	3.94	3.94	4.33	6.89	Ø16	18	5	0.39	2.56	2.17	1.89	3.50	4.53	9.76	3.70	3.82	2.17	2.28	1.81	1/4"	1.97	3/8"	3.74	40	4										
PD51	6.50	2" WPT female or 4-Ø0.75		1.97	3.35	2.36	6.30	3.74	Ø0.47	2.60	14.06	4.92	4.41	4.96	8.39	Ø27	30	8	0.47	2.76	2.76	2.40	4.57	7.83	11.34	4.88	3.70	3.62	2.91	2.17	1/4"	2.76	1/2"	4.88	79	13										
PD66	7.48	2 1/2" NPT female or 4-Ø0.75		2.56	3.74	2.36	6.30	3.74	Ø0.47	2.60	14.25	4.92	4.41	4.96	8.39	Ø27	30	8	0.47	3.15	3.15	2.60	4.65	7.83	11.34	5.00	3.74	3.58	3.11	2.36	1/4"	2.76	1/2"	4.69	95	13										
PD81	8.27	6.30	8-Ø0.75	3.15	4.72	3.15	7.87	4.92	Ø0.59	4.06	19.21	5.91	5.20	6.02	10.12	Ø32	35.5	10	0.55	3.94	3.94	3.23	6.50	8.90	14.29	6.65	5.28	4.37	3.86	4.72	1/2"	3.15	3/4"	6.69	154	22										
PD101	9.02	7.09	8-Ø0.75	3.94	5.51	4.33	9.65	6.30	Ø0.59	4.06	19.41	7.09	6.30	7.36	12.09	Ø32	35.5	10	0.55	4.53	4.53	3.62	6.89	8.90	16.26	6.89	5.67	4.57	4.25	4.96	1/2"	3.54	3/4"	6.69	212	22										
PD126	10.0	8.27	8-Ø0.75	4.92	6.30	4.72	11.02	7.48	Ø0.75	4.76	23.03	7.87	7.87	9.09	14.45	Ø42	45.5	12	0.71	5.51	5.51	4.21	8.43	12.83	20.67	9.02	7.68	5.00	4.84	6.50	1/2"	4.41	3/4"	8.46	335	44										
PD151	11.2	9.45	8-Ø0.94	5.91	7.48	5.91	12.99	9.84	Ø0.75	4.76	23.62	8.86	8.86	10.31	16.46	Ø42	45.5	12	0.71	6.50	6.50	4.92	9.02	12.83	22.64	9.61	8.27	5.00	5.71	7.09	1/2"	5.12	3/4"	9.06	452	44										
PD201	13.3	11.6	8-Ø0.94	7.87	9.84	7.87	18.31	12.40	Ø0.94	7.09	33.46	11.81	12.40	14.53	22.91	Ø70	76	20	0.94	8.46	8.46	6.61	12.01	17.44	31.18	12.8	10.63	5.24	7.60	8.70	1"	7.87	3/4"	12.87	1102	132										

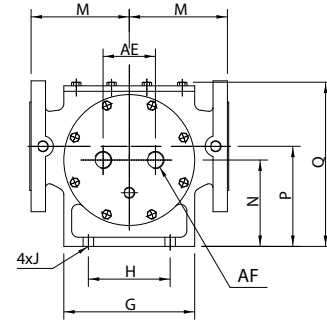




EMM(P)



EDK/EMDK



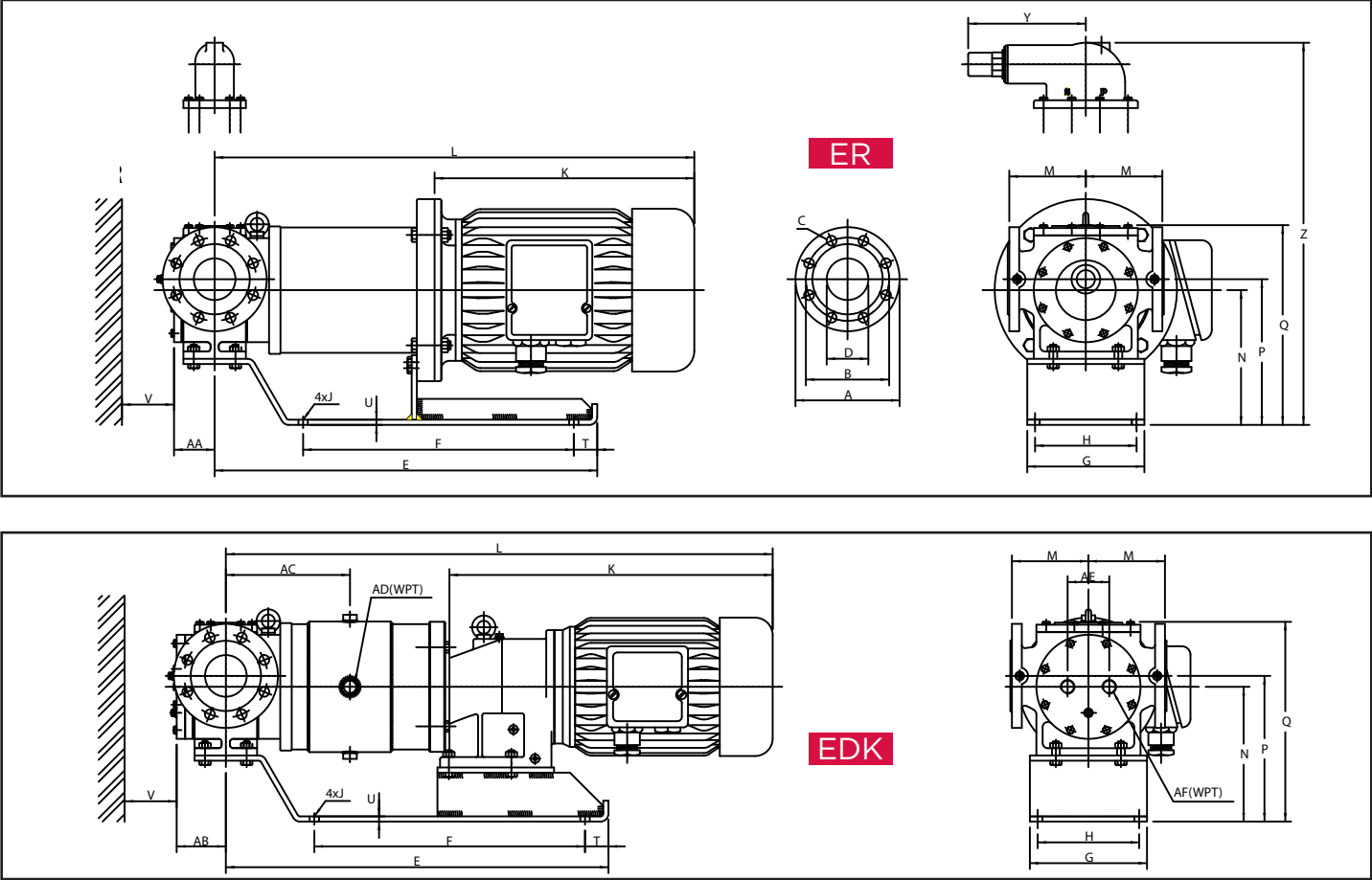
Type	Pressure gauge connection
26-66	1/4" NPT
81-201	3/8" NPT

Type	Seal Chamber Connection
26-41	1/8" NPT
51-151	1/8" NPT
201	3/8" NPT

Flanges				
Type	ISO	DIN	BS	ANSI
26-101	2084-PN16	2501-ND16	4504-1969 PN16	150# RF
126-201	2084-PN10	2501-ND10	4504-1969 PN10	150# RF

Type	All configurations																				E		ER		EM	EMM		EDK/EMDK							Weight lbs.	
	A	B*	C*	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	X	AA	AK	Y	Z	AL	AM	AN	AB	AC	AD	AE	AF	AP	Pump	Valve
CD26	1" NPT female or				1.77	1.10	3.54	1.97	Ø0.28	1.57	9.80	2.36 3.27	2.80	3.11	4.96	Ø12	13.5	4	0.31	1.97	2.76	1.34	2.99	4.53	7.95	3.11	2.24	2.44	2.05	1.30	1/8"	1.50	3/8"	2.99	15	4
	4.53	3.35	4-Ø0.71	0.98																																
CD33	1 1/4" NPT female or				1.77	1.10	3.54	1.97	Ø0.28	1.57	9.96	2.36 3.27	2.80	3.11	4.96	Ø12	13.5	4	0.31	2.36	3.15	1.50	3.15	4.53	7.95	3.19	2.40	2.44	2.20	1.42	1/8"	1.50	3/8"	3.15	22	4
	5.51	3.94	4-Ø0.71	1.26																																
CD41	1 1/2" NPT female or				2.76	1.97	4.72	2.56	Ø0.39	1.89	11.54	3.94	3.94	4.33	6.89	Ø16	18	5	0.39	2.56	2.17	1.89	3.50	4.53	9.76	3.70	3.82	2.17	2.28	1.81	1/4"	1.97	3/8"	3.74	40	4
	5.91	4.33	4-Ø0.71	1.57																																
CD51	2" WPT female or				3.35	2.36	6.30	3.74	Ø0.47	2.60	14.06	4.92	4.41	4.96	8.39	Ø27	30	8	0.47	2.76	2.76	2.40	4.57	7.83	11.34	4.88	3.70	3.62	2.91	2.17	1/4"	2.76	1/2"	4.88	79	13
	6.50	4.92	4-Ø0.75	1.97																																
CD66	2 1/2" NPT female or				3.74	2.36	6.30	3.74	Ø0.47	2.60	14.25	4.92	4.41	4.96	8.39	Ø27	30	8	0.47	3.15	3.15	2.60	4.65	7.83	11.34	5.00	3.74	3.58	3.11	2.36	1/4"	2.76	1/2"	4.69	95	13
	7.48	5.71	4-Ø0.75	2.56																																
CD81	8.27	6.30	8-Ø0.75	3.15	4.72	3.15	7.87	4.92	Ø0.59	4.06	19.21	5.91	5.20	6.02	10.12	Ø32	35.5	10	0.55	3.94	3.94	3.23	6.50	8.90	14.29	6.65	5.28	4.37	3.8 6	4.72	1/2"	3.15	3/4"	6.69	154	22
CD101	9.02	7.09	8-Ø0.75	3.94	5.51	4.33	9.65	6.30	Ø0.59	4.06	19.41	7.09	6.30	7.36	12.09	Ø32	35.5	10	0.55	4.53	4.53	3.62	6.89	8.90	16.26	6.89	5.67	4.57	4.2 5	4.96	1/2"	3.54	3/4"	6.69	212	22
CD126	10.00	8.27	8-Ø0.75	4.92	6.30	4.72	11.02	7.48	Ø0.75	4.76	23.03	7.87	7.87	9.09	14.45	Ø42	45.5	12	0.71	5.51	5.51	4.21	8.43	12.83	20.67	9.02	7.68	5.00	4.8 4	6.50	1/2"	4.41	3/4"	8.46	335	44
CD151	11.22	9.45	8-Ø0.94	5.91	7.48	5.91	12.99	9.84	Ø0.75	4.76	23.62	8.86	8.86	10.31	16.46	Ø42	45.5	12	0.71	6.50	6.50	4.92	9.02	12.83	22.64	9.61	8.27	5.00	5.7 1	7.09	1/2"	5.12	3/4"	9.06	452	44
CD152	11.22	9.45	8-Ø0.94	5.91	8.66	6.30	15.35	11.02	Ø0.94	5.24	25.35	10.83	9.84	11.61	18.90	Ø55	60	16	0.87	7.09	7.09	5.67	10.04	17.44	27.17	10.5 1	*9.72	*3.5 4	6.5 4	7.87	1"	5.51	3/4"	11.14	739	132
CD201	13.39	11.61	8-Ø0.94	7.87	9.84	7.87	18.31	12.40	Ø0.94	7.09	33.46	11.81	12.40	14.53	22.91	Ø70	76	20	0.94	8.46	8.46	6.61	12.01	17.44	31.18	12.8 7	10.63	5.24	7.6 0	8.70	1"	7.87	3/4"	12.87	1102	132

All dimensions in inches except D, C & T are in millimeters



Size	Pressure gauge connection
26-66	1/4" NPT Female
81-201	3/8" NPT Female

Flanges	
26-151	ANSI 125 lbs. FF Flanges (Cast Iron)
126-151	ANSI 150 lbs. RF Flanges (Carbon Steel & Stainless Steel)

Pump	Motor Gearbox	All Configurations													ER (w/ valve)		E	EDK (pump w/ jackets)					Weight lbs.			
		E	F	G	H	J	KMax	LMax +	M	N	P	Q	T	U	V	Y		Z	AA	AB	AC	AD	AE	AF	Pump	Valve
ED26	NEMA 143-215TC	17.1					11.5	25	2.36	5.98	6.3	8.23					10	4.53	1.38	1.69	3/8	1.5	3/8		64	
	NORD SK02-12XZ						23.5	33.4	3.27								11.18		1.54	1.85						
ED33	NEMA 143-215TC	17.2	11.8	5.5	4.33	ø0.55	11.5	25	2.36				1.42	0.31	2.36		10		1.54	1.85	3/8		3/8		66	4.5
	NORD SK02-12XZ						23.5	33.4	3.27								11.18		1.54	1.85						
ED41	NEMA 143-215TC	17.6					11.5	25.5	3.54	6.69	7.09	9.61					11.18	6.14	12.17	1.77	2				88	
	NORD SK02-22XZ						25.3	35.6	3.94								11.18		1.77	2.2						
ED51	NEMA 213-286TC	23.4	15.8	6.3	5.12		15	36		4.92	4.92	9.29	9.84				10	7.83	16.26	2.2	2.76	2.8	1/2	198	13	
	NORD SK12-32XZ						36.9	50.3									11		15.1	12.8	23.9					3.98
ED66	NEMA 213-286TC	23.6				ø0.55	15	36					1.77	0.39	3.15		11		2.4	2.95	1/2		3/4		210	
	NORD SK12-32XZ						36.9	50.3									12		10.2	11						
ED81	NEMA 284-326TC	28.9	20.5	8.9	7.68		22.5	42		5.91	10.2	11	15.1				12	8.9	19.29	3.07	3.74	3.2		397	22	
	NORD SK32-42XZ						41.9	58.5									12		10.2	11	16.5					12.8
ED101	NEMA 284-326TC	29.1					22.5	42		7.09	10.75	11.8	16.5				13	4.53	20.71	3.46	4.13	3.5	3/4	441		
	NORD SK32-52XZ						41.9	58.7									13		10.75	11.8	16.5					12.8
ED126	NORD SK32-52XZ	33.5	23.6	12	10.2	ø0.87	41.9	63.9	7.87	11.18	12.4	17.8	2.76	0.47	5.51	12.8	23.9	3.98	4.65	13.4	3/4	4.4	772	44		
ED151	NORD SK32-52XZ	34.1	23.6	14	12.2	ø0.88	41.9	64.5	8.86	10.94	12.4	18.5	2.76	0.47	6.5	12.8	24.72	4.69	5.51	14.1	3/4	5.1	882	44		

Actual dimensions dependent on driver. All dimensions are inches.