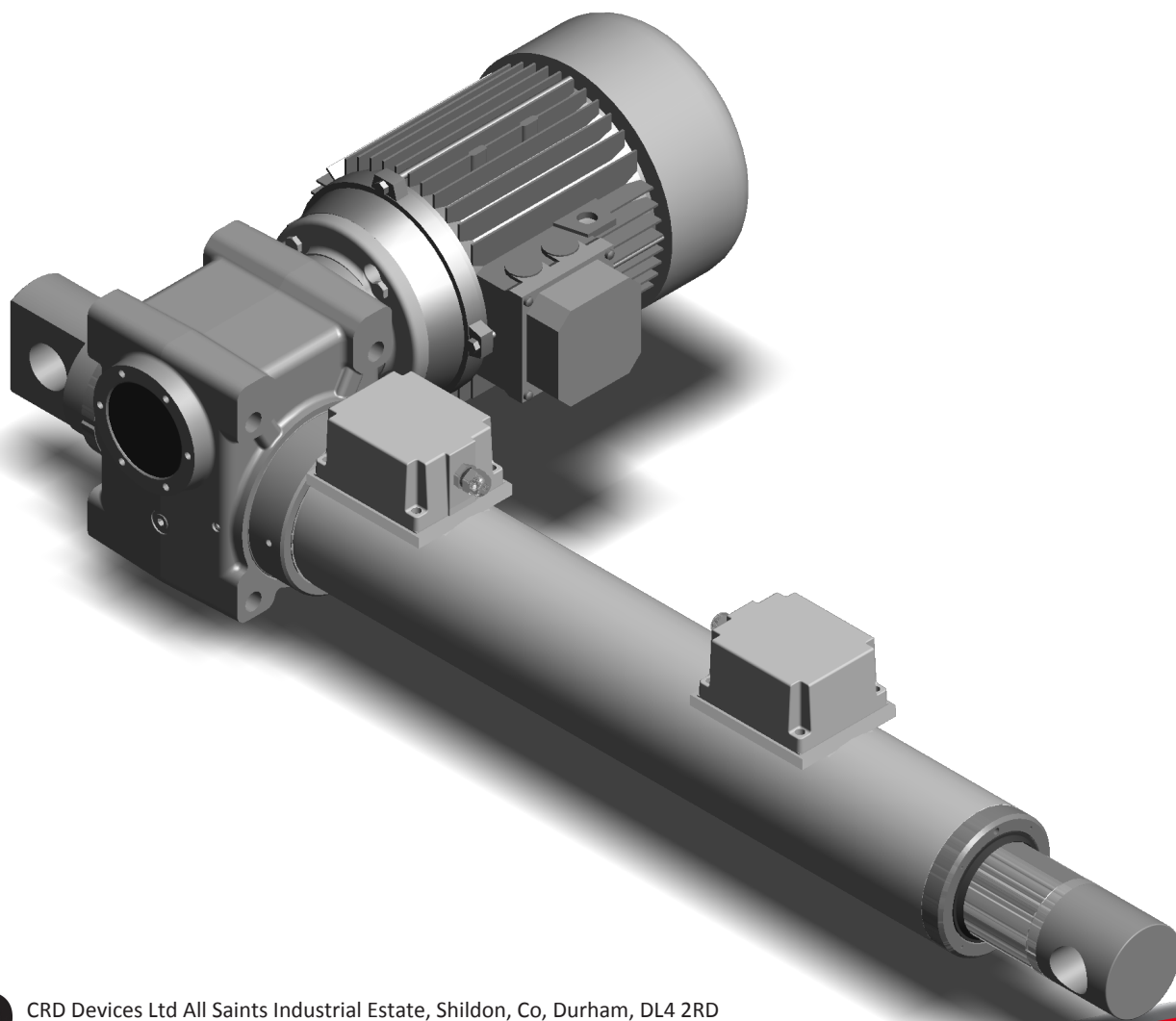




HRS line



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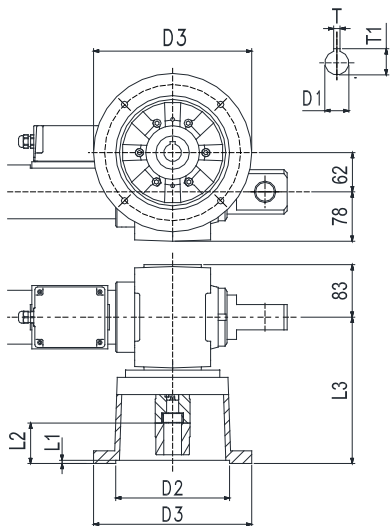
CE IP65



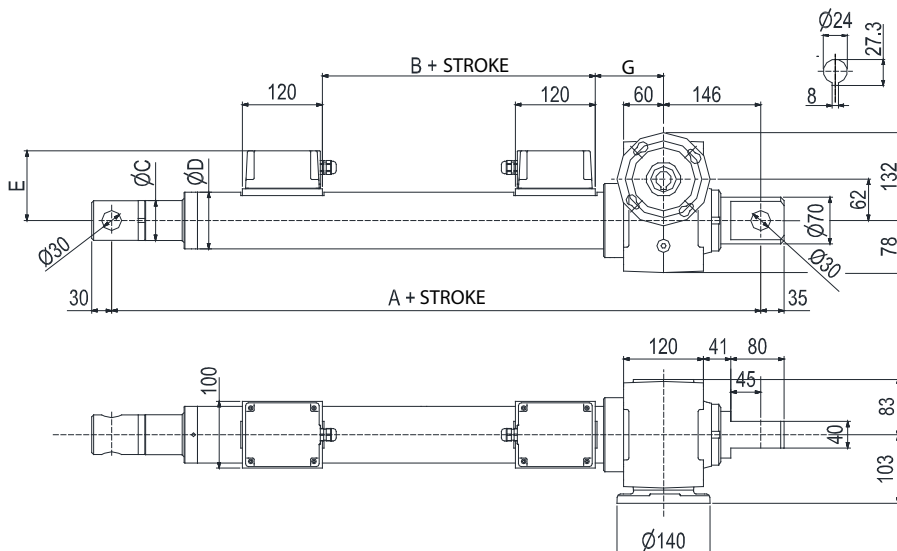
HRS 50 PERFORMANCE - TPN AND VRS VERSIONS

Fmax [N]	Speed [mm/sec]	Version	Motor size - IEC	Power [kW]	rpm	Ratio [i]	Diameter of screw [mm]	Pitch [mm]	Efficiency
HRS50 TPN									
18000	65	M01	IEC112 (bell flange + coupling)	4	1400	5	40	14	0,30 (reversible version)
29000	33	M02	IEC112 (bell flange + coupling)	4	1400	5	40	7	0,24
36500	11	M03	IEC90 (PAM)	2,2	2800	30	40	7	0,18
50000	5	M04	IEC90 (PAM)	1,5	1400	30	40	7	0,18
HRS50 VRS									
30000	47	M01	IEC90 (PAM)	1,8	1400	5	50	10	0,81
45000	23	M02	IEC90 (PAM)	1,5	1400	10	50	10	0,77
50000	7	M04	IEC71 (gear motor)	0,55	2800	10 + 7	50	10	0,64
50000	3	M05	IEC71 (gear motor)	0,25	1400	10 + 7	50	10	0,64

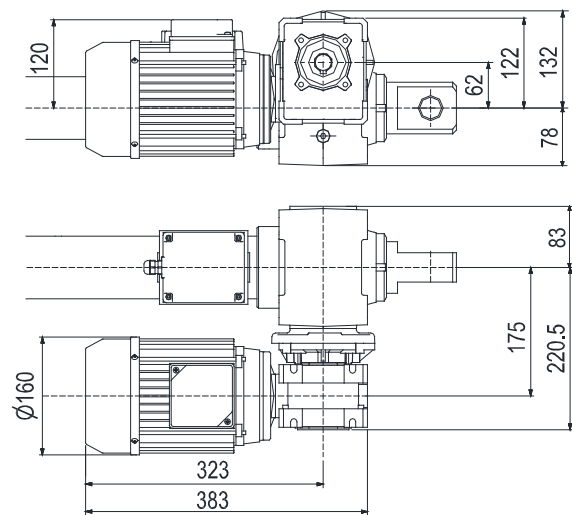
BELL FLANGE + COUPLING VERSION



FLAT INPUT MOTOR FLANGE - PAM VERSION



GEAR MOTOR VERSION



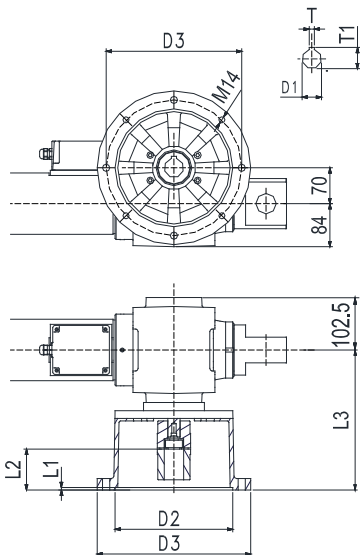
DIMENSIONS	TPN/VRS VERSION	
	HRS 50 TPN	HRS 50 VRS
A	575	715
B	10	112
C	60	70
D	85	140
E	105	132
G	103	121

DIMENSIONS	BELL FLANGE + COUPLING VERSION	
	IEC 90 B5	IEC 100/112 B5
D1	φ24	φ28
D2	φ130	φ180
D3	φ165	φ215
D4	φ200	φ250
F	M10	φ14.5
L1	4.5	5
L2	52	68
L3	183	231
T	8	8
T1	27.3	31.3

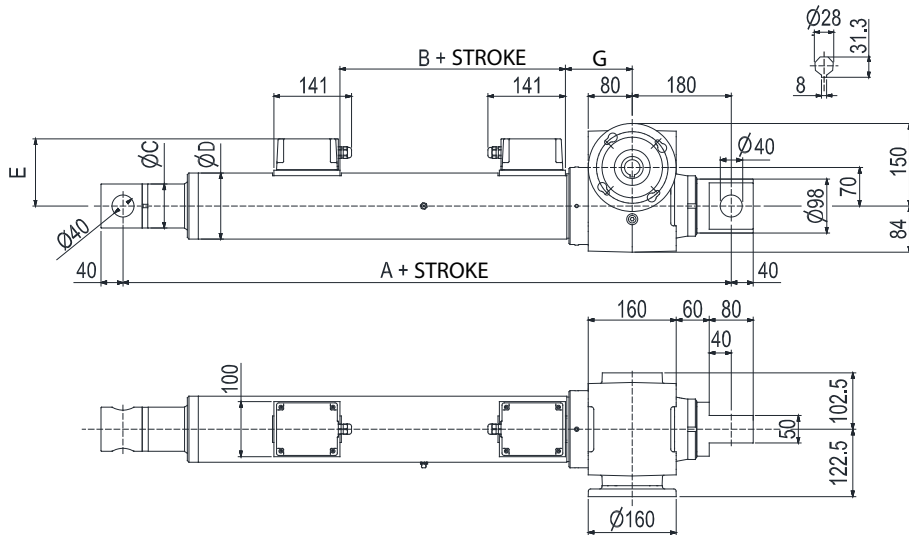
HRS 100 PERFORMANCE - TPN AND VRS VERSIONS

Fmax [N]	Speed [mm/sec]	Version	Motor size - IEC	Power [kW]	rpm	Ratio [i]	Diameter of screw [mm]	Pitch [mm]	Efficiency
HRS100 TPN									
38000	42	M01	IEC132 (bell flange + coupling)	7,5	1400	5	55	9	0,21
58000	14	M02	IEC112 (PAM)	5,5	2800	30	55	9	0,16
87000	7	M03	IEC112 (PAM)	4	1400	30	55	9	0,16
100000	2	M04	IEC80 (gear motor P63 ratio 1:7)	1,8	2800	210 (7*30)	55	9	0,16
HRS100 VRS									
51000	47	M01	IEC100 (bell flange + coupling)	3	1400	5	63	10	0,81
70000	23	M02	IEC100 (bell flange + coupling)	2,2	1400	10	63	10	0,77
92000	8	M03	IEC90 (PAM B5)	1,1	1400	30	63	10	0,67
100000	5	M04	IEC71 (gear motor)	0,75	2800	30 + 7	63	10	0,62
100000	2	M05	IEC71 (gear motor)	0,55	2800	30 + 10	63	10	0,55

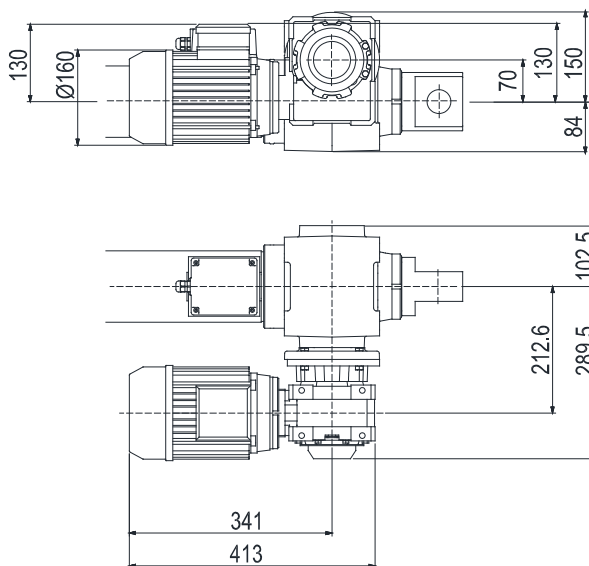
BELL FLANGE + COUPLING VERSION



FLAT INPUT MOTOR FLANGE - PAM VERSION



GEAR MOTOR VERSION

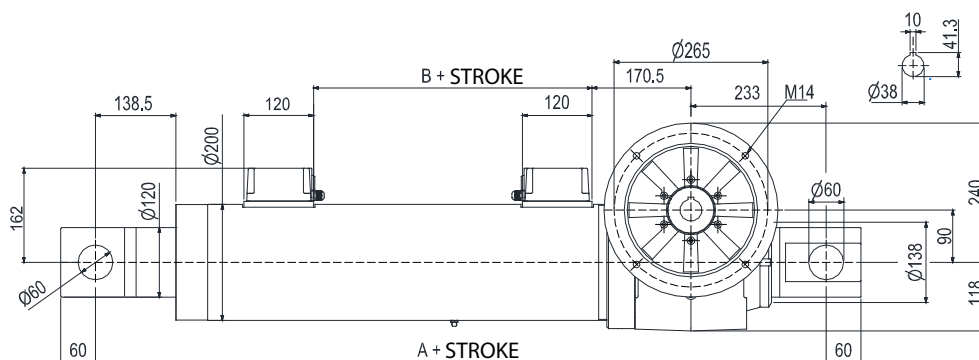
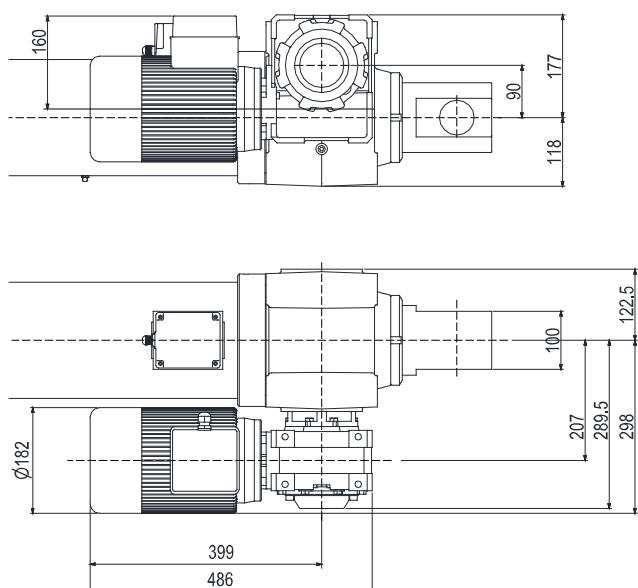


DIMENSIONS	TPN/VRS VERSION	
	HRS 100 TPN	HRS 100 VRS
A	706	780
B	10	133
C	80	80
D	120	150
E	122	137
G	121	141

DIMENSIONS	BELL FLANGE + COUPLING VERSION	
	IEC 100/112 B5	IEC 132 B5
D1	φ28	φ30
D2	φ180	φ230
D3	φ215	φ265
D4	φ250	φ300
F	φ14.5	φ14.5
L1	5	5
L2	68	91
L3	239	274
T	8	10
T1	31.3	41.3

HRS 200 PERFORMANCE - TPN AND VRS VERSIONS

F _{max} [N]	Speed [mm/sec]	Version	Motor size - IEC	Power [kW]	rpm	Ratio [i]	Diameter of screw [mm]	Pitch [mm]	Efficiency
HRS200 TPN									
44000	47	M01	IEC132 (bell flange + coupling)	9,2	1400	5	70	10	0,234
90000	16	M02	IEC132 (bell flange + coupling)	7,5	2800	30	70	10	0,1924
130000	8	M03	IEC132 (bell flange + coupling)	5,5	1400	30	70	10	0,1924
200000	2	M04	IEC90 (gear motor P75 ratio 1:7)	2,2	2800	210 (7*30)	70	10	0,1924
HRS200 VRS									
125000	47	M01	IEC132 (bell flange + coupling)	9,2	1400	5	80	10	0,81
174000	23	M02	IEC132 (bell flange + coupling)	5,5	1400	5	80	10	0,77
200000	7	M03	IEC90 (gear motor)	2,2	2800	10 + 7	80	10	0,64
200000	3	M04	IEC90 (gear motor)	2,2	2800	10 + 15	80	10	0,60

BELL FLANGE + COUPLING VERSION

GEAR MOTOR VERSION


DIMENSIONS	TPN/VRS VERSION	
	HRS 200 TPN	HRS 200 VRS
A	860	996
B	80	142



For motors' sizes it is possible to refer to IEC standard motors – for HRS200 version but also HRS100 and HRS50 versions.

ORDERING KEY

HRMS50 / 0250 / M01 / AC-400 / 50-T-90-4-1,5 / AB / 1 / M1 / E05 / 2FCI / P1 / A1 / L

MODEL:

HRS50 HRS100 HRS200
HRS50-P HRS100-P HRS200-P

STROKE:

For example 250 mm = 0250

VERSION:

M01 / M02 / M03 / M04
M00 = not standard version
With flat input motor flange - PAM version indicate: ratio and pitch

MOTOR:

Only with motor indicate: version, voltage, type, size, n°. of poles, power
With flat input motor flange - PAM version indicate: 0
With special flat input motor flange - PAM version indicate: PD

AC MOTOR OPTIONS:

Motor flange: only for flat input motor flange - PAM version indicate the size (for example 90B14 for IEC 90B14 version)
Without motor: leave blank the following parameters
Protection: indicate only if different from IP65 (standard)
Brake: indicate only if brake motor - for example FECA
Options: indicate if needed - for example AB for 2° shaft

E-BOX POSITION:

1 Without motor: leave blank

MOTOR POSITION:

M0 = standard M1 = sx

ENCODER:

Without encoder: leave blank

LIMIT SWITCHES:

Without limit switches: leave blank

REAR END:

P1 = eyelet (standard) P2 = eyelet 90°

FRONT END:

A1 = eyelet (standard) A3 = yoke + clip
A4 = rod end A7 = male

OPTIONS:

B: bellows boot L: anti-rotation device T: additional shaft on the opposite side of motor

TYPE OF FRONT END	DIMENSIONS	VERSION					
		HRS 50		HRS 100		HRS 200	
		TPN	VRS	TPN	VRS	TPN	VRS
A3	A	660	815	834	908	1053	1189
	B	54		72		104	
	C	30		35		60	
	D	φ30		φ35		φ60	
	E	55		70		120	
	F	55		70		120	
A4	A	667	822	815	889	1020	1156
	G	φ30		φ35		φ60	
	H	R. 35		R. 40		R. 68.5	
	I	37.5		43		44	
A7	A	532	687	671	745	820	956
	L	M 30x2		M 36x2		M 52x3	
	M	55		70		80	

